

Overview of product range



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MODULAR DEVICES

A





LTP-10B-1



LTK-16B-1N



LTS-10B-1



LVN-125C-1



LTN-UC-10C-1

MINIATURE CIRCUIT BREAKERS

Type		LTP	LTK	LTS	LVN	LTN-UC	LST-DC
Rated short-circuit breaking capacity (EN 60898-1)*	I_{on}	6 kA	6 kA	10 kA	10 kA	10 kA	10 kA
Rated current	I_n	2 ÷ 63 A	2 ÷ 40 A	0.5 ÷ 63 A	80 ÷ 125 A	1 ÷ 63 A	80 ÷ 125 A
Rated operating voltage	U_e	AC 230/400 V	AC 230 V	AC 230/400 V	AC 230/400 V	AC 230/400 V DC 220 V (1 pole) DC 440 V (2 pole)	DC 440 V
Number of poles		1, 2, 3	1N (1 module)	1, 1N, 2, 3, 3N	1, 3, 4	1, 2	2
Characteristics		B, C	B, C	B, C, D	B, C, D	C	C

*The standard EN 60898-2 is valid for LTN-UC.

Accessories

Auxiliary switches	PS-LT	PS-LT	PS-LT	PS-LT	PS-LT	PS-LS-1100
Signal switches	SS-LT	SS-LT	SS-LT	SS-LT	SS-LT	-
Shunt trips	-	-	SV-LT	SV-LT	SV-LT	-
Undervoltage releases	-	-	SP-LT	SP-LT	SP-LT	-
Interconnecting busbars	S1L, S2L, S3L, S4L	-	S1L, S2L, S3L, S4L	S1L-27, S3L-27, S4L-27	S1L, S2L, S3L, S4L	-
Locking inserts	OD-LT-VU02	OD-LT-VU01	OD-LT-VU02	OD-LT-VU01	OD-LT-VU01	-
Sealing insert	OD-LT-VP01	-	OD-LT-VP01	OD-LT-VP01	OD-LT-VP01	-



LTP-10B-1



LTP-16B-2



LTP-25B-3

LTP

Code	Type	Weight [kg]	Package [pcs]
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Miniature circuit breakers 1-pole, characteristic B

OEZ:42190	LTP-2B-1	0.178	12
OEZ:42191	LTP-4B-1	0.127	12
OEZ:42192	LTP-6B-1	0.127	12
OEZ:42193	LTP-10B-1	0.133	12
OEZ:42194	LTP-13B-1	0.137	12
OEZ:42195	LTP-16B-1	0.128	12
OEZ:42196	LTP-20B-1	0.118	12
OEZ:42197	LTP-25B-1	0.137	12
OEZ:42198	LTP-32B-1	0.178	12
OEZ:42199	LTP-40B-1	0.157	12
OEZ:42200	LTP-50B-1	0.162	12
OEZ:42201	LTP-63B-1	0.181	12

Miniature circuit breakers 2-pole, characteristic B

OEZ:42216	LTP-6B-2	0.248	6
OEZ:42217	LTP-10B-2	0.347	6
OEZ:42218	LTP-13B-2	0.270	6
OEZ:42219	LTP-16B-2	0.273	6
OEZ:42220	LTP-20B-2	0.261	6
OEZ:42221	LTP-25B-2	0.259	6
OEZ:42222	LTP-32B-2	0.320	6
OEZ:42223	LTP-40B-2	0.340	6
OEZ:42224	LTP-50B-2	0.338	6
OEZ:42225	LTP-63B-2	0.343	6

Miniature circuit breakers 3-pole, characteristic B

OEZ:42240	LTP-6B-3	0.372	4
OEZ:42241	LTP-10B-3	0.374	4
OEZ:42242	LTP-13B-3	0.394	4
OEZ:42243	LTP-16B-3	0.376	4
OEZ:42244	LTP-20B-3	0.389	4
OEZ:42245	LTP-25B-3	0.400	4
OEZ:42246	LTP-32B-3	0.465	4
OEZ:42247	LTP-40B-3	0.496	4
OEZ:42248	LTP-50B-3	0.473	4
OEZ:42249	LTP-63B-3	0.499	4

Code	Type	Weight [kg]	Package [pcs]
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Miniature circuit breakers 1-pole, characteristic C

OEZ:42202	LTP-2C-1	0.163	12
OEZ:42203	LTP-4C-1	0.152	12
OEZ:42204	LTP-6C-1	0.128	12
OEZ:42205	LTP-10C-1	0.144	12
OEZ:42206	LTP-13C-1	0.149	12
OEZ:42207	LTP-16C-1	0.132	12
OEZ:42208	LTP-20C-1	0.134	12
OEZ:42209	LTP-25C-1	0.136	12
OEZ:42210	LTP-32C-1	0.160	12
OEZ:42211	LTP-40C-1	0.160	12
OEZ:42212	LTP-50C-1	0.187	12
OEZ:42213	LTP-63C-1	0.143	12

Miniature circuit breakers 2-pole, characteristic C

OEZ:42226	LTP-2C-2	0.306	6
OEZ:42227	LTP-4C-2	0.301	6
OEZ:42228	LTP-6C-2	0.234	6
OEZ:42229	LTP-10C-2	0.252	6
OEZ:42230	LTP-13C-2	0.282	6
OEZ:42231	LTP-16C-2	0.257	6
OEZ:42232	LTP-20C-2	0.242	6
OEZ:42233	LTP-25C-2	0.233	6
OEZ:42234	LTP-32C-2	0.299	6
OEZ:42235	LTP-40C-2	0.324	6
OEZ:42236	LTP-50C-2	0.331	6
OEZ:42237	LTP-63C-2	0.324	6

Miniature circuit breakers 3-pole, characteristic C

OEZ:42250	LTP-2C-3	0.491	4
OEZ:42251	LTP-4C-3	0.460	4
OEZ:42252	LTP-6C-3	0.378	4
OEZ:42253	LTP-10C-3	0.349	4
OEZ:42254	LTP-13C-3	0.390	4
OEZ:42255	LTP-16C-3	0.362	4
OEZ:42256	LTP-20C-3	0.363	4
OEZ:42257	LTP-25C-3	0.350	4
OEZ:42258	LTP-32C-3	0.444	4
OEZ:42259	LTP-40C-3	0.466	4
OEZ:42260	LTP-50C-3	0.463	4
OEZ:42261	LTP-63C-3	0.472	4

LTK

Code	Type	Weight [kg]	Package [pcs]
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Miniature circuit breakers 1+N-pole, characteristic B, 1 module

-	-	-	-
-	-	-	-
OEZ:43443	LTK-6B-1N	0.133	1
-	-	-	-
OEZ:43445	LTK-10B-1N	0.133	1
OEZ:43446	LTK-13B-1N	0.120	1
OEZ:43447	LTK-16B-1N	0.122	1
OEZ:43448	LTK-20B-1N	0.113	1
OEZ:43449	LTK-25B-1N	0.137	1
OEZ:43450	LTK-32B-1N	0.148	1
OEZ:43451	LTK-40B-1N	0.113	1

Code	Type	Weight [kg]	Package [pcs]
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Miniature circuit breakers 1+N-pole, characteristic C, 1 module

OEZ:43452	LTK-2C-1N	0.140	1
OEZ:43453	LTK-4C-1N	0.134	1
OEZ:43454	LTK-6C-1N	0.118	1
OEZ:43455	LTK-8C-1N	0.137	1
OEZ:43456	LTK-10C-1N	0.123	1
OEZ:43457	LTK-13C-1N	0.097	1
OEZ:43458	LTK-16C-1N	0.115	1
OEZ:43459	LTK-20C-1N	0.132	1
OEZ:43460	LTK-25C-1N	0.126	1
OEZ:43461	LTK-32C-1N	0.145	1
OEZ:43462	LTK-40C-1N	0.144	1



LTK-16B-1N



LTS-10B-1



LTS-16B-1N



LTS-10C-2

LTS

Code	Type	Weight [kg]	Package [pcs]
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Miniature circuit breakers 1-pole, characteristic B

OEZ:41952	LTS-1B-1	0.170	12
OEZ:41953	LTS-2B-1	0.171	12
OEZ:41954	LTS-4B-1	0.171	12
OEZ:41955	LTS-6B-1	0.163	12
OEZ:41956	LTS-8B-1	0.178	12
OEZ:41957	LTS-10B-1	0.178	12
OEZ:41958	LTS-13B-1	0.154	12
OEZ:41959	LTS-16B-1	0.183	12
OEZ:41960	LTS-20B-1	0.196	12
OEZ:41961	LTS-25B-1	0.178	12
OEZ:41962	LTS-32B-1	0.196	12
OEZ:41963	LTS-40B-1	0.178	12
OEZ:41964	LTS-50B-1	0.178	12
OEZ:41965	LTS-63B-1	0.178	12

Miniature circuit breakers 1+N-pole, characteristic B

OEZ:43292	LTS-2B-1N	0.347	6
OEZ:43293	LTS-4B-1N	0.347	6
OEZ:42000	LTS-6B-1N	0.347	6
OEZ:42001	LTS-8B-1N	0.347	6
OEZ:42002	LTS-10B-1N	0.347	6
OEZ:42003	LTS-13B-1N	0.347	6
OEZ:42004	LTS-16B-1N	0.347	6
OEZ:42005	LTS-20B-1N	0.347	6
OEZ:42006	LTS-25B-1N	0.347	6
OEZ:42007	LTS-32B-1N	0.347	6
OEZ:42008	LTS-40B-1N	0.347	6
OEZ:42009	LTS-50B-1N	0.347	6
OEZ:42010	LTS-63B-1N	0.347	6

Miniature circuit breakers 2-pole, characteristic B

OEZ:42035	LTS-1B-2	0.347	6
OEZ:42036	LTS-2B-2	0.326	6
OEZ:42037	LTS-4B-2	0.347	6
OEZ:42038	LTS-6B-2	0.328	6
OEZ:42039	LTS-8B-2	0.347	6
OEZ:42040	LTS-10B-2	0.321	6
OEZ:42041	LTS-13B-2	0.347	6
OEZ:42042	LTS-16B-2	0.321	6
OEZ:42043	LTS-20B-2	0.347	6
OEZ:42044	LTS-25B-2	0.347	6
OEZ:42045	LTS-32B-2	0.347	6
OEZ:42046	LTS-40B-2	0.347	6
OEZ:42047	LTS-50B-2	0.347	6
OEZ:42048	LTS-63B-2	0.347	6

Code	Type	Weight [kg]	Package [pcs]
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Miniature circuit breakers 1-pole, characteristic C

OEZ:41967	LTS-0.5C-1	0.177	12
OEZ:41968	LTS-1C-1	0.195	12
OEZ:41969	LTS-1.6C-1	0.167	12
OEZ:41970	LTS-2C-1	0.171	12
OEZ:41971	LTS-4C-1	0.178	12
OEZ:41972	LTS-6C-1	0.176	12
OEZ:41973	LTS-8C-1	0.174	12
OEZ:41974	LTS-10C-1	0.178	12
OEZ:41975	LTS-13C-1	0.163	12
OEZ:41976	LTS-16C-1	0.198	12
OEZ:41977	LTS-20C-1	0.180	12
OEZ:41978	LTS-25C-1	0.169	12
OEZ:41979	LTS-32C-1	0.169	12
OEZ:41980	LTS-40C-1	0.178	12
OEZ:41981	LTS-50C-1	0.178	12
OEZ:41982	LTS-63C-1	0.178	12

Miniature circuit breakers 1+N-pole, characteristic C

OEZ:42011	LTS-2C-1N	0.347	6
OEZ:42012	LTS-4C-1N	0.347	6
OEZ:42013	LTS-6C-1N	0.347	6
OEZ:42014	LTS-8C-1N	0.347	6
OEZ:42015	LTS-10C-1N	0.347	6
OEZ:42016	LTS-13C-1N	0.347	6
OEZ:42017	LTS-16C-1N	0.335	6
OEZ:42018	LTS-20C-1N	0.347	6
OEZ:42019	LTS-25C-1N	0.347	6
OEZ:42020	LTS-32C-1N	0.347	6
OEZ:42021	LTS-40C-1N	0.347	6
OEZ:42022	LTS-50C-1N	0.347	6
OEZ:42023	LTS-63C-1N	0.347	6

Miniature circuit breakers 2-pole, characteristic C

OEZ:42050	LTS-0.5C-2	0.347	6
OEZ:42051	LTS-1C-2	0.329	6
OEZ:42052	LTS-1.6C-2	0.347	6
OEZ:42053	LTS-2C-2	0.347	6
OEZ:42054	LTS-4C-2	0.347	6
OEZ:42055	LTS-6C-2	0.330	6
OEZ:42056	LTS-8C-2	0.347	6
OEZ:42057	LTS-10C-2	0.347	6
OEZ:42058	LTS-13C-2	0.347	6
OEZ:42059	LTS-16C-2	0.347	6
OEZ:42060	LTS-20C-2	0.347	6
OEZ:42061	LTS-25C-2	0.347	6
OEZ:42062	LTS-32C-2	0.347	6
OEZ:42063	LTS-40C-2	0.347	6
OEZ:42064	LTS-50C-2	0.347	6
OEZ:42065	LTS-63C-2	0.347	6

Code	Type	Weight [kg]	Package [pcs]
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Miniature circuit breakers 1-pole, characteristic D

OEZ:41984	LTS-0.5D-1	0.178	12
OEZ:41985	LTS-1D-1	0.178	12
OEZ:41986	LTS-1.6D-1	0.178	12
OEZ:41987	LTS-2D-1	0.178	12
OEZ:41988	LTS-4D-1	0.178	12
OEZ:41989	LTS-6D-1	0.178	12
OEZ:41990	LTS-8D-1	0.171	12
OEZ:41991	LTS-10D-1	0.178	12
OEZ:41992	LTS-13D-1	0.178	12
OEZ:41993	LTS-16D-1	0.178	12
OEZ:41994	LTS-20D-1	0.178	12
OEZ:41995	LTS-25D-1	0.178	12
OEZ:41996	LTS-32D-1	0.178	12
OEZ:41997	LTS-40D-1	0.178	12
OEZ:41998	LTS-50D-1	0.178	12
OEZ:41999	LTS-63D-1	0.178	12

Miniature circuit breakers 1+N-pole, characteristic D

OEZ:43294	LTS-2D-1N	0.347	6
OEZ:43295	LTS-4D-1N	0.347	6
OEZ:42024	LTS-6D-1N	0.347	6
OEZ:42025	LTS-8D-1N	0.347	6
OEZ:42026	LTS-10D-1N	0.347	6
OEZ:42027	LTS-13D-1N	0.347	6
OEZ:42028	LTS-16D-1N	0.347	6
OEZ:42029	LTS-20D-1N	0.347	6
OEZ:42030	LTS-25D-1N	0.347	6
OEZ:42031	LTS-32D-1N	0.347	6
OEZ:42032	LTS-40D-1N	0.347	6
OEZ:42033	LTS-50D-1N	0.347	6
OEZ:42034	LTS-63D-1N	0.347	6

Miniature circuit breakers 2-pole, characteristic D

OEZ:42067	LTS-0.5D-2	0.347	6
OEZ:42068	LTS-1D-2	0.347	6
OEZ:42069	LTS-1.6D-2	0.347	6
OEZ:42070	LTS-2D-2	0.347	6
OEZ:42071	LTS-4D-2	0.347	6
OEZ:42072	LTS-6D-2	0.347	6
OEZ:42073	LTS-8D-2	0.347	6
OEZ:42074	LTS-10D-2	0.317	6
OEZ:42075	LTS-13D-2	0.347	6
OEZ:42076	LTS-16D-2	0.347	6
OEZ:42077	LTS-20D-2	0.347	6
OEZ:42078	LTS-25D-2	0.347	6
OEZ:42079	LTS-32D-2	0.347	6
OEZ:42080	LTS-40D-2	0.347	6
OEZ:43090	LTS-50D-2	0.347	6
OEZ:43089	LTS-63D-2	0.347	6



LTS-25B-3



LTS-32B-3N



LTN-UC-10C-1

LTN-UC-63C-2

LTS

Code	Type	Weight [kg]	Package [pcs]
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Miniature circuit breakers 3-pole, characteristic B

OEZ:42081	LTS-1B-3	0.485	4
OEZ:42082	LTS-2B-3	0.485	4
OEZ:42083	LTS-4B-3	0.485	4
OEZ:42084	LTS-6B-3	0.489	4
OEZ:42085	LTS-8B-3	0.485	4
OEZ:42086	LTS-10B-3	0.452	4
OEZ:42087	LTS-13B-3	0.485	4
OEZ:42088	LTS-16B-3	0.486	4
OEZ:42089	LTS-20B-3	0.485	4
OEZ:42090	LTS-25B-3	0.485	4
OEZ:42091	LTS-32B-3	0.486	4
OEZ:42092	LTS-40B-3	0.485	4
OEZ:42093	LTS-50B-3	0.485	4
OEZ:42094	LTS-63B-3	0.485	4

Miniature circuit breakers 3+N-pole, characteristic B

OEZ:42129	LTS-2B-3N	0.683	3
OEZ:42130	LTS-4B-3N	0.683	3
OEZ:42131	LTS-6B-3N	0.683	3
OEZ:42132	LTS-8B-3N	0.683	3
OEZ:42133	LTS-10B-3N	0.683	3
OEZ:42134	LTS-13B-3N	0.683	3
OEZ:42135	LTS-16B-3N	0.683	3
OEZ:42136	LTS-20B-3N	0.683	3
OEZ:42137	LTS-25B-3N	0.683	3
OEZ:42138	LTS-32B-3N	0.683	3
OEZ:42139	LTS-40B-3N	0.683	3
OEZ:42140	LTS-50B-3N	0.683	3
OEZ:42141	LTS-63B-3N	0.683	3

Code	Type	Weight [kg]	Package [pcs]
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Miniature circuit breakers 3-pole, characteristic C

OEZ:42096	LTS-0.5C-3	0.485	4
OEZ:42097	LTS-1C-3	0.485	4
OEZ:42098	LTS-1.6C-3	0.485	4
OEZ:42099	LTS-2C-3	0.461	4
OEZ:42100	LTS-4C-3	0.485	4
OEZ:42101	LTS-6C-3	0.460	4
OEZ:42102	LTS-8C-3	0.485	4
OEZ:42103	LTS-10C-3	0.483	4
OEZ:42104	LTS-13C-3	0.485	4
OEZ:42105	LTS-16C-3	0.491	4
OEZ:42106	LTS-20C-3	0.462	4
OEZ:42107	LTS-25C-3	0.461	4
OEZ:42108	LTS-32C-3	0.485	4
OEZ:42109	LTS-40C-3	0.484	4
OEZ:42110	LTS-50C-3	0.501	4
OEZ:42111	LTS-63C-3	0.487	4

Miniature circuit breakers 3+N-pole, characteristic C

OEZ:43092	LTS-2C-3N	0.683	3
OEZ:43091	LTS-4C-3N	0.683	3
OEZ:42142	LTS-6C-3N	0.683	3
OEZ:42143	LTS-8C-3N	0.683	3
OEZ:42144	LTS-10C-3N	0.683	3
OEZ:42145	LTS-13C-3N	0.683	3
OEZ:42146	LTS-16C-3N	0.683	3
OEZ:42147	LTS-20C-3N	0.683	3
OEZ:42148	LTS-25C-3N	0.683	3
OEZ:42149	LTS-32C-3N	0.683	3
OEZ:42150	LTS-40C-3N	0.683	3
OEZ:42151	LTS-50C-3N	0.683	3
OEZ:42152	LTS-63C-3N	0.668	3

Code	Type	Weight [kg]	Package [pcs]
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Miniature circuit breakers 3-pole, characteristic D

OEZ:42113	LTS-0.5D-3	0.485	4
OEZ:42114	LTS-1D-3	0.485	4
OEZ:42115	LTS-1.6D-3	0.485	4
OEZ:42116	LTS-2D-3	0.485	4
OEZ:42117	LTS-4D-3	0.485	4
OEZ:42118	LTS-6D-3	0.485	4
OEZ:42119	LTS-8D-3	0.485	4
OEZ:42120	LTS-10D-3	0.485	4
OEZ:42121	LTS-13D-3	0.485	4
OEZ:42122	LTS-16D-3	0.485	4
OEZ:42123	LTS-20D-3	0.485	4
OEZ:42124	LTS-25D-3	0.485	4
OEZ:42125	LTS-32D-3	0.485	4
OEZ:42126	LTS-40D-3	0.485	4
OEZ:42127	LTS-50D-3	0.485	4
OEZ:42128	LTS-63D-3	0.485	4

Miniature circuit breakers 3+N-pole, characteristic D

OEZ:43296	LTS-2D-3N	0.683	3
OEZ:43297	LTS-4D-3N	0.683	3
OEZ:42153	LTS-6D-3N	0.683	3
OEZ:42154	LTS-8D-3N	0.683	3
OEZ:42155	LTS-10D-3N	0.683	3
OEZ:42156	LTS-13D-3N	0.683	3
OEZ:42157	LTS-16D-3N	0.683	3
OEZ:42158	LTS-20D-3N	0.683	3
OEZ:42159	LTS-25D-3N	0.683	3
OEZ:42160	LTS-32D-3N	0.683	3
OEZ:42161	LTS-40D-3N	0.683	3
OEZ:43298	LTS-50D-3N	0.683	3
OEZ:43299	LTS-63D-3N	0.683	3

LTN-UC

Code	Type	Weight [kg]	Package [pcs]
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Circuit breakers for protection of direct current (DC) and alternating current (AC) circuits, 1-pole, characteristic C

OEZ:41846	LTN-UC-1C-1	0.182	12
OEZ:41847	LTN-UC-2C-1	0.186	12
OEZ:41848	LTN-UC-4C-1	0.177	12
OEZ:41849	LTN-UC-6C-1	0.165	12
OEZ:41850	LTN-UC-8C-1	0.181	12
OEZ:41851	LTN-UC-10C-1	0.184	12
OEZ:41852	LTN-UC-13C-1	0.182	12
OEZ:41853	LTN-UC-16C-1	0.157	12
OEZ:41854	LTN-UC-20C-1	0.180	12
OEZ:41855	LTN-UC-25C-1	0.190	12
OEZ:41856	LTN-UC-32C-1	0.158	12
OEZ:41857	LTN-UC-40C-1	0.177	12
OEZ:41858	LTN-UC-50C-1	0.185	12
OEZ:41859	LTN-UC-63C-1	0.189	12

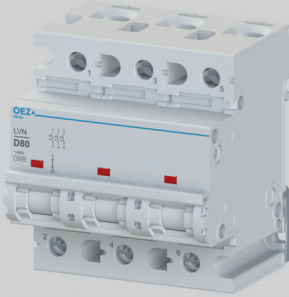
Code	Type	Weight [kg]	Package [pcs]
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Circuit breakers for protection of direct current (DC) and alternating current (AC) circuits, 2-pole, characteristic C

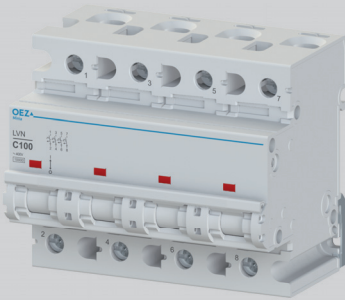
OEZ:41860	LTN-UC-1C-2	0.329	6
OEZ:41861	LTN-UC-2C-2	0.319	6
OEZ:41862	LTN-UC-4C-2	0.315	6
OEZ:41863	LTN-UC-6C-2	0.317	6
OEZ:41864	LTN-UC-8C-2	0.333	6
OEZ:41865	LTN-UC-10C-2	0.333	6
OEZ:41866	LTN-UC-13C-2	0.338	6
OEZ:41867	LTN-UC-16C-2	0.341	6
OEZ:41868	LTN-UC-20C-2	0.341	6
OEZ:41869	LTN-UC-25C-2	0.317	6
OEZ:41870	LTN-UC-32C-2	0.340	6
OEZ:41871	LTN-UC-40C-2	0.339	6
OEZ:41872	LTN-UC-50C-2	0.354	6
OEZ:41873	LTN-UC-63C-2	0.365	6



LVN-125C-1



LVN-80D-3



LVN-100C-4

LVN

Code	Type	Weight [kg]	Package [pcs]
Miniature circuit breakers 1-pole, characteristic B			
OEZ:42262	LVN-80B-1	0.283	1
OEZ:42263	LVN-100B-1	0.281	1
OEZ:42264	LVN-125B-1	0.260	1

Code	Type	Weight [kg]	Package [pcs]
Miniature circuit breakers 3-pole, characteristic B			
OEZ:42273	LVN-80B-3	0.817	1
OEZ:42274	LVN-100B-3	0.821	1
OEZ:42275	LVN-125B-3	0.827	1

Code	Type	Weight [kg]	Package [pcs]
Miniature circuit breakers 4-pole, characteristic B			
OEZ:42282	LVN-80B-4	1.073	1
OEZ:42283	LVN-100B-4	1.075	1
OEZ:42284	LVN-125B-4	1.107	1

Code	Type	Weight [kg]	Package [pcs]
Miniature circuit breakers 1-pole, characteristic C			
OEZ:42265	LVN-80C-1	0.268	1
OEZ:42266	LVN-100C-1	0.259	1
OEZ:42267	LVN-125C-1	0.277	1

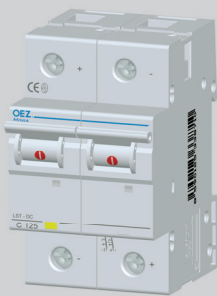
Code	Type	Weight [kg]	Package [pcs]
Miniature circuit breakers 3-pole, characteristic C			
OEZ:42276	LVN-80C-3	0.824	1
OEZ:42277	LVN-100C-3	0.815	1
OEZ:42278	LVN-125C-3	0.813	1

Code	Type	Weight [kg]	Package [pcs]
Miniature circuit breakers 4-pole, characteristic C			
OEZ:42285	LVN-80C-4	1.073	1
OEZ:42286	LVN-100C-4	1.079	1
OEZ:42287	LVN-125C-4	1.080	1

Code	Type	Weight [kg]	Package [pcs]
Miniature circuit breakers 1-pole, characteristic D			
OEZ:42268	LVN-80D-1	0.259	1
OEZ:42269	LVN-100D-1	0.278	1

Code	Type	Weight [kg]	Package [pcs]
Miniature circuit breakers 3-pole, characteristic D			
OEZ:42279	LVN-80D-3	0.804	1
OEZ:42280	LVN-100D-3	0.803	1

Code	Type	Weight [kg]	Package [pcs]
Miniature circuit breakers 4-pole, characteristic D			
OEZ:42288	LVN-80D-4	1.092	1
OEZ:42289	LVN-100D-4	1.071	1



LST-DC-125C-2



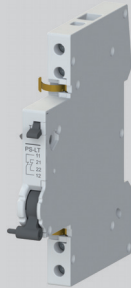
PS-LS-1100

LST-DC

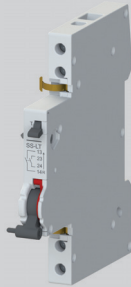
Code	Type	Weight [kg]	Package [pcs]
DC miniature circuit breakers 2-pole, characteristic C			
OEZ:37241	LST-DC-80C-2	0.450	2
OEZ:37242	LST-DC-100C-2	0.450	2
OEZ:37243	LST-DC-125C-2	0.450	2

ACCESSORIES

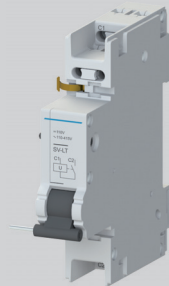
Code	Type	Description	Weight [kg]	Package [pcs]
Auxiliary switch for LST-DC				
OEZ:35664	PS-LS-1100	1x make contact, 1x break contact, for LST-DC	0.043	1



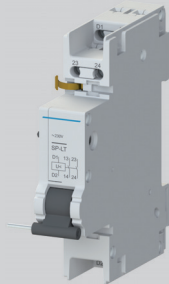
PS-LT-0200-TE



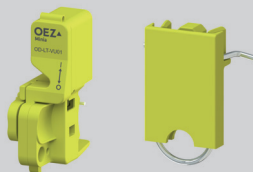
SS-LT-2000-TE-RE



SV-LT-X400

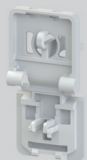


SP-LT-A230-2000



OD-LT-VU01

OD-LT-VU02



OD-LT-VP01

ACCESSORIES

Code	Type	Description	Weight [kg]	Package [pcs]
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Auxiliary switches for circuit breakers LTP, LTK, LTS, LVN, LTN-UC

OEZ:42297	PS-LT-1100	1x make contact, 1x break contact, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSO, AVN-DC, MSN	0.065	1
OEZ:42300	PS-LT-1100-TE	1x make contact, 1x break contact, test button, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSO, AVN-DC, MSN	0.054	1
OEZ:42303	PS-LT-1100-MN	1x make contact, 1x break contact, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSO, AVN-DC, MSN	0.075	1
OEZ:42304	PS-LT-1100-MN-TE	1x make contact, 1x break contact, test button, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSO, AVN-DC, MSN	0.054	1
OEZ:42299	PS-LT-2000	2x make contact, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSO, AVN-DC, MSN	0.071	1
OEZ:42302	PS-LT-2000-TE	2x make contact, test button, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSO, AVN-DC, MSN	0.058	1
OEZ:42298	PS-LT-0200	2x break contact, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSO, AVN-DC, MSN	0.065	1
OEZ:42301	PS-LT-0200-TE	2x break contact, test button, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSO, AVN-DC, MSN	0.080	1

Signal switches for circuit breakers LTP, LTK, LTS, LVN, LTN-UC

OEZ:42306	SS-LT-1100	1x make contact, 1x break contact, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSN	0.065	1
OEZ:42309	SS-LT-1100-TE-RE	1x make contact, 1x break contact, test button, reset, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSN	0.055	1
OEZ:42307	SS-LT-2000	2x make contact, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSN	0.075	1
OEZ:42310	SS-LT-2000-TE-RE	2x make contact, test button, reset, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSN	0.057	1
OEZ:42308	SS-LT-0200	2x break contact, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSN	0.078	1
OEZ:42311	SS-LT-0200-TE-RE	2x break contact, test button, reset, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSN	0.057	1

Shunt trips for circuit breakers LTS, LVN, LTN-UC

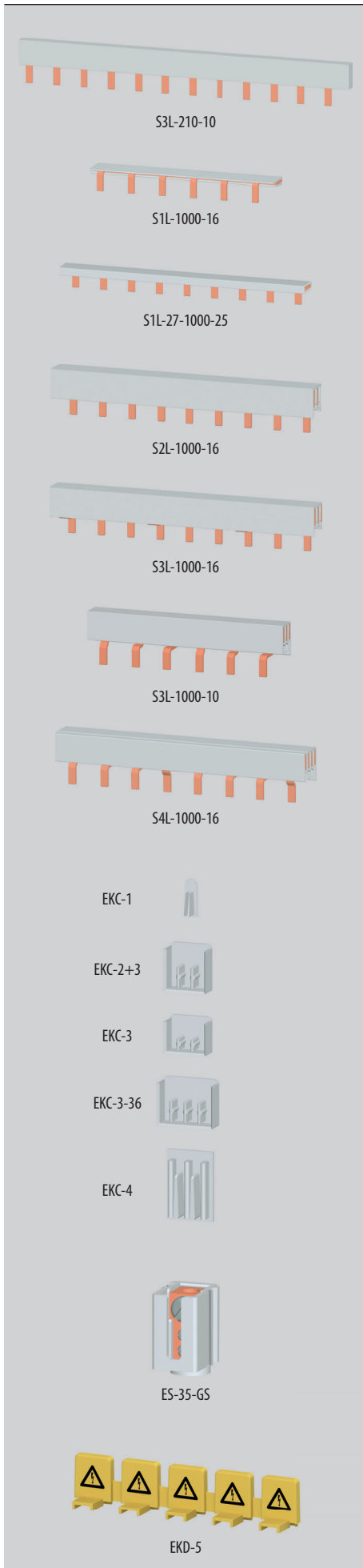
OEZ:42312	SV-LT-X060	Ue AC/DC 24 ÷ 60 V, for LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSN	0.106	1
OEZ:42313	SV-LT-X400	Ue AC 110 ÷ 415 V / DC 110 ÷ 220 V, for LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSN	0.098	1

Undervoltage releases for circuit breakers LTS, LVN, LTN-UC

OEZ:42315	SP-LT-A230	Ue AC 230 V, for LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSN	0.109	1
OEZ:42317	SP-LT-A230-2000	Ue AC 230 V, 2x make contact, for LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSN	0.123	1
OEZ:42319	SP-LT-D024	Ue DC 24 V, for LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSN	0.113	1
OEZ:42321	SP-LT-D024-2000	Ue DC 24 V, 2x make contact, for LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSN	0.117	1
OEZ:42320	SP-LT-D110	Ue DC 110 V, for LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSN	0.105	1
OEZ:42322	SP-LT-D110-2000	Ue DC 110 V, 2x make contact, for LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSN	0.128	1

Accessories for circuit breaker LTP, LTK, LTS, LVN, LTN-UC

OEZ:42324	OD-LT-VU01	locking insert for LTK, LVN, LTN-UC	0.012	1
OEZ:42325	OD-LT-VU02	locking insert for LTP, LTS	0.003	1
OEZ:42323	OD-LT-VP01	sealing insert for LTP, LTS, LVN, LTN-UC	0.002	1



INTERCONNECTING BUSBARS

Type	S1L, S2L, S3L, S4L	
Rated operating voltage	U_e	AC/DC 500V, for S1L AC 690 V / DC 1000 V
Loading current	63 ÷ 180 A	

Max. loading current in phase

	Rail cross-section			
	10 mm ²	16 mm ²	20 mm ²	25 mm ²
Power supply from the rail edge	63 A	80 A	90 A	100 A
Power supply from the rail centre ¹⁾	100 A	130 A	150 A	180 A

¹⁾ Max. loading current in one direction must not be higher than max. loading current at power supply from the rail edge.

Code	Type	Description	Weight [kg]	Package [pcs]
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Interconnecting busbars

OEZ:38475	S1L-210-10	1-pole design, cross-section 10 mm ² , spacing 17.8 mm, number of outlets 12, pins	0.045	50
OEZ:37374	S1L-210-16	1-pole design, cross-section 16 mm ² , spacing 17.8 mm, number of outlets 12, pins	0.047	50
OEZ:37373	S1L-1000-10	1-pole design, cross-section 10 mm ² , spacing 17.8 mm, number of outlets 57, pins	0.204	50
OEZ:37375	S1L-1000-16	1-pole design, cross-section 16 mm ² , spacing 17.8 mm, number of outlets 57, pins	0.302	50
OEZ:37376	S1L-27-1000-16	1-pole design, cross-section 16 mm ² , spacing 27 mm, number of outlets 37, pins	0.201	50
OEZ:37377	S1L-27-1000-25	1-pole design, cross-section 25 mm ² , spacing 27 mm, number of outlets 37, pins	0.315	30
OEZ:38476	S2L-210-10	2-pole design, cross-section 10 mm ² , spacing 17.8 mm, number of outlets 6x2, pins	0.067	20
OEZ:38477	S2L-210-16	2-pole design, cross-section 16 mm ² , spacing 17.8 mm, number of outlets 6x2, pins	0.110	20
OEZ:37378	S2L-1000-16	2-pole design, cross-section 16 mm ² , spacing 17.8 mm, number of outlets 28x2, pins	0.315	20
OEZ:39849	S2L+N+9-1000-16	2-pole design (L1-N-L2-N), cross-section 16 mm ² , spacing 17.8 mm + 26.8 mm, number of outlets 22x2, pins	0.710	20
OEZ:38478	S3L-106-10	3-pole design, cross-section 10 mm ² , spacing 17.8 mm, number of outlets 2x3, pins	0.055	25
OEZ:38479	S3L-106-16	3-pole design, cross-section 16 mm ² , spacing 17.8 mm, number of outlets 2x3, pins	0.080	25
OEZ:38480	S3L-160-10	3-pole design, cross-section 10 mm ² , spacing 17.8 mm, number of outlets 3x3, pins	0.085	25
OEZ:38481	S3L-160-16	3-pole design, cross-section 16 mm ² , spacing 17.8 mm, number of outlets 3x3, pins	0.115	25
OEZ:38482	S3L-210-10	3-pole design, cross-section 10 mm ² , spacing 17.8 mm, number of outlets 4x3, pins	0.110	25
OEZ:38483	S3L-210-16	3-pole design, cross-section 16 mm ² , spacing 17.8 mm, number of outlets 4x3, pins	0.150	25
OEZ:43144	S3L-210FI-10	3-pole design, cross-section 10 mm ² , spacing 17.8 mm, number of outlets 3x3 + 2x1, Pins	0.074	25
OEZ:43146	S3L-210FI-16	3-pole design, cross-section 16 mm ² , spacing 17.8 mm, number of outlets 3x3 + 2x1, Pins	0.099	25
OEZ:38484	S3L-1000-10	3-pole design, cross-section 10 mm ² , spacing 17.8 mm, number of outlets 19x3, pins	0.505	20
OEZ:37379	S3L-1000-16	3-pole design, cross-section 16 mm ² , spacing 17.8 mm, number of outlets 19x3, pins	0.737	20
OEZ:38485	S3L+9-1000-16	3-pole design, cross-section 16 mm ² , spacing 2x 17.8 + 1x 26.8 mm, number of outlets 16x3, pins	0.720	20
OEZ:37380	S3L-27-1000-16	3-pole design, cross-section 16 mm ² , spacing 27 mm, number of outlets 12x3, pins	0.537	20
OEZ:37381	S3L-27-1000-25	3-pole design, cross-section 25 mm ² , spacing 27 mm, number of outlets 12x3, pins	0.995	10
OEZ:38487	S3L+N-1000-16	3-pole design (L1-N-L2-N-L3-N), cross-section 16 mm ² , spacing 17.8 mm, number of outlets 27x2, pins	1.205	15
OEZ:39616	S3L+N+9-1000-16	3-pole design (L1-N-L2-N-L3-N), cross-section 16 mm ² , spacing 1x 17.8 + 1x 26.8 mm, number of outlets 22x2, pins	0.983	15
OEZ:38486	S4L-1000-16	4-pole design, cross-section 16 mm ² , spacing 17.8 mm, number of outlets 14x4, pins	1.205	15
OEZ:37382	S4L-27-1000-25	4-pole design, cross-section 25 mm ² , spacing 27 mm, number of outlets 9x4, pins	1.327	15

End caps

OEZ:37383	EKC-1	for 1-pole rails, cross-section 10, 12, 16 mm ²	0.001	10
OEZ:37384	EKC-2+3	for 2-pole rails, for 3-pole rails, cross-section 16 mm ²	0.001	10
OEZ:37385	EKC-3	for 3-pole rails, cross-section 10 mm ²	0.001	10
OEZ:37386	EKC-3-36	for 3-pole rails, for 4-pole rails, cross-section 25 mm ²	0.002	10
OEZ:37387	EKC-4	for 4-pole rails, cross-section 16 mm ²	0.002	10

Power supply unit

OEZ:37388	ES-35-GS	cross-section 35 mm ² , for interconnecting busbars	0.032	10
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Outlet cover

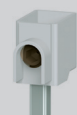
OEZ:43147	EKD-5	for all rail types	0.004	10
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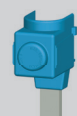
AS-25-S



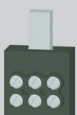
AS-25-G



AS-50-S-AL01



CS-FH000-1NP95



N3x10-FH000

TERMINAL EXTENSIONS

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:37389	AS-25-S	pin, cross-section $6 \div 25 \text{ mm}^2$, for OFI-...-2-..., RLP	0.014	30
OEZ:37390	AS-25-G	fork, cross-section $6 \div 25 \text{ mm}^2$, for OFI, SJB, SJBC, SVBC, SVC	0.013	30
OEZ:38749	AS-50-S-AL01	pin, cross-section Cu / Al $2.5 \div 50 \text{ mm}^2$, for LTE, LTN, LVN, LST-DC, LFE, LFN, OLE, OLI, OFI 100/125, SJB, SJBC, SVBC, SVC, MSO	0.018	1
OEZ:13740	CS-FH000-3NP95	terminal extension with straight terminal, cross-section Cu/Al $35 \div 95 \text{ mm}^2$, set of 3 pcs, for LVN, LST-DC	0.176	1
OEZ:14378	CS-FH000-1NP95	terminal extension with straight terminal, cross-section Cu/Al $35 \div 95 \text{ mm}^2$, 1 pc, for LVN, LST-DC	0.070	1
OEZ:13742	CS-FH000-3NP95	terminal extension with kick-up terminal, cross-section Cu/Al $35 \div 95 \text{ mm}^2$, set of 3 pcs, for LVN, LST-DC	0.184	1
OEZ:14127	N3x10-FH000	pin, triple terminal, cross-section $3 \times 10 \text{ mm}^2$, set of 3 pcs, for LVN, LST-DC, SJB, SJBC, SVBC	0.060	1



LFE-25-2-030AC



LFE-40-4-030AC

RESIDUAL CURRENT CIRCUIT BREAKERS

Type		LFE	LFN	OFI	OLE	OLI	5SV8
Function		Residual current circuit breaker	Residual current circuit breaker	Residual current circuit breaker	Residual current circuit breaker with overcurrent protection	Residual current circuit breaker with overcurrent protection	Residual current monitor **
Conditional short-circuit current	I_{nc}	6 kA	10 kA	10 kA	-	-	-
Rated short-circuit breaking capacity (EN 60898)	I_{cn}	-	-	-	6 kA	10 kA	-
Rated short-circuit breaking capacity (EN 60898)	I_n	16 ÷ 80 A	16 ÷ 80 A	100, 125 A	6 ÷ 16 A	6 ÷ 40 A	-
Rated current	I_{dn}	10 ÷ 500 mA	10 ÷ 500 mA	30 ÷ 500 mA	30 mA	30, 300 mA	0.03 ÷ 30 A
Rated residual current	U_n	AC 230/400 V	AC 230/400 V	AC 230/400 V	AC 230 V	AC 230 V	AC 230 V
Type *		AC	AC, A, AC-G, A-G, A-S	AC, A	AC	AC, A, AC-G	AC, A
Characteristics		-	-	-	B, C	B, C	-
Number of poles		1N, 3N	1N, 3N	3N	1N	1N	-

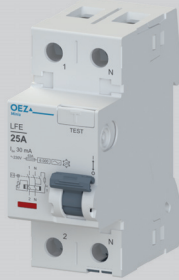
* Designs with various reaction to residual currents: AC reacts to sine-wave alternating residual currents, A reacts to sine-wave alternating and pulsating direct residual currents.
Design with time delay in switching off: G has time delay of 10 ms and S 40 ms.
Design S is designed for selective tripping of residual current circuit breakers.

** Inactivity time 0.02 ÷ 10 s

Accessories

Auxiliary switches	PS-LT	PS-LT	PS-OF125	PS-LT* PS-LT-1100-K	PS-LT* PS-LT-1100-K	-
Signal switches	SS-LT	SS-LT	-	SS-LT*	SS-LT*	-
Shunt trips	SV-LT	SV-LT	-	SV-LT*	SV-LT*	-
Undervoltage releases	SP-LT	SP-LT	-	SP-LT*	SP-LT*	-
Interconnecting busbars	S2L, S2L+N, S3L+N, S3L-.... FI-... S4L	S2L, S2L+N, S3L+N, S3L-.... FI-... S4L	S4L	S2L, S2L+N, S3L+N	S2L, S2L+N, S3L+N	-
Locking inserts	OD-LT-VU02	OD-LT-VU02	-	OD-LT-VU01	OD-LT-VU01	-
Sealing insert	-	-	-	OD-LT-VP01	OD-LT-VP01	-
Handle adapter	-	-	-	OD-OL-NR01	OD-OL-NR01	-
Current transformers	-	-	-	-	-	5SV87

* Installation requires OD-OL-NR01 Handle adapter.



LFE-25-2-030AC



LFN-25-2-030AC



LFN-40-4-030AC

LFE

Code	Type	Weight [kg]	Package [pcs]
Type AC, 2-pole			
OEZ:42388	LFE-16-2-010AC	0.217	1
OEZ:42389	LFE-25-2-030AC	0.219	1
OEZ:42390	LFE-40-2-030AC	0.240	1
OEZ:42391	LFE-25-2-100AC	0.213	1
OEZ:42392	LFE-40-2-100AC	0.215	1
OEZ:42393	LFE-25-2-300AC	0.214	1
OEZ:42394	LFE-40-2-300AC	0.212	1

Type AC, 4-pole

OEZ:42395	LFE-25-4-030AC	0.389	1
OEZ:42396	LFE-40-4-030AC	0.375	1
OEZ:42397	LFE-63-4-030AC	0.425	1
OEZ:42398	LFE-80-4-030AC	0.424	1
OEZ:42399	LFE-25-4-100AC	0.375	1
OEZ:42400	LFE-40-4-100AC	0.375	1
OEZ:42401	LFE-63-4-100AC	0.392	1
OEZ:42402	LFE-25-4-300AC	0.375	1
OEZ:42403	LFE-40-4-300AC	0.375	1
OEZ:42404	LFE-63-4-300AC	0.389	1
OEZ:42405	LFE-80-4-300AC	0.410	1
OEZ:42406	LFE-40-4-500AC	0.375	1
OEZ:42407	LFE-63-4-500AC	0.404	1

Type AC-G, 2-pole

OEZ:42431	LFN-25-2-030AC-G	0.219	1
OEZ:42432	LFN-40-2-030AC-G	0.24	1

Type AC-G, 4-pole

OEZ:42433	LFN-25-4-030AC-G	0.389	1
OEZ:42434	LFN-40-4-030AC-G	0.375	1
OEZ:42435	LFN-63-4-030AC-G	0.425	1
OEZ:42437	LFN-25-4-100AC-G	0.375	1
OEZ:42438	LFN-40-4-100AC-G	0.375	1
OEZ:42439	LFN-63-4-100AC-G	0.392	1

LFN

Code	Type	Weight [kg]	Package [pcs]
Type AC, 2-pole			
OEZ:42408	LFN-16-2-030AC	0.219	1
OEZ:42409	LFN-25-2-030AC	0.219	1
OEZ:42410	LFN-40-2-030AC	0.240	1
OEZ:42411	LFN-63-2-030AC	0.215	1
OEZ:42412	LFN-25-2-100AC	0.213	1
OEZ:42413	LFN-40-2-100AC	0.215	1
OEZ:42414	LFN-63-2-100AC	0.215	1
OEZ:42415	LFN-25-2-300AC	0.214	1
OEZ:42416	LFN-40-2-300AC	0.212	1
OEZ:42417	LFN-63-2-300AC	0.212	1

Type AC, 4-pole

OEZ:42418	LFN-25-4-030AC	0.389	1
OEZ:42419	LFN-40-4-030AC	0.375	1
OEZ:42420	LFN-63-4-030AC	0.425	1
OEZ:42421	LFN-80-4-030AC	0.424	1
OEZ:42422	LFN-25-4-100AC	0.375	1
OEZ:42423	LFN-40-4-100AC	0.375	1
OEZ:42424	LFN-63-4-100AC	0.392	1
OEZ:42425	LFN-25-4-300AC	0.375	1
OEZ:42426	LFN-40-4-300AC	0.375	1
OEZ:42427	LFN-63-4-300AC	0.389	1
OEZ:42428	LFN-80-4-300AC	0.410	1
OEZ:42429	LFN-40-4-500AC	0.375	1
OEZ:42430	LFN-63-4-500AC	0.404	1

Type A-G, 2-pole

OEZ:42464	LFN-25-2-030A-G	0.221	1
OEZ:42465	LFN-40-2-030A-G	0.226	1

Type A-G, 4-pole

OEZ:42466	LFN-25-4-030A-G	0.391	1
OEZ:42467	LFN-40-4-030A-G	0.386	1
OEZ:42468	LFN-63-4-030A-G	0.432	1
OEZ:42469	LFN-80-4-030A-G	0.424	1
OEZ:42470	LFN-25-4-100A-G	0.375	1
OEZ:42471	LFN-40-4-100A-G	0.374	1
OEZ:42472	LFN-63-4-100A-G	0.397	1
OEZ:42473	LFN-80-4-100A-G	0.400	1

Code	Type	Weight [kg]	Package [pcs]
Type A, 2-pole			
OEZ:42441	LFN-16-2-010A	0.235	1
OEZ:42442	LFN-25-2-030A	0.221	1
OEZ:42443	LFN-40-2-030A	0.226	1
OEZ:42444	LFN-63-2-030A	0.218	1
OEZ:42445	LFN-25-2-100A	0.221	1
OEZ:42446	LFN-40-2-100A	0.220	1
OEZ:42447	LFN-63-2-100A	0.218	1
OEZ:42448	LFN-25-2-300A	0.214	1
OEZ:42449	LFN-40-2-300A	0.212	1
OEZ:42450	LFN-63-2-300A	0.227	1

Type A, 4-pole

OEZ:42451	LFN-25-4-030A	0.391	1
OEZ:42452	LFN-40-4-030A	0.386	1
OEZ:42453	LFN-63-4-030A	0.432	1
OEZ:42454	LFN-80-4-030A	0.424	1
OEZ:42455	LFN-25-4-100A	0.375	1
OEZ:42456	LFN-40-4-100A	0.375	1
OEZ:42457	LFN-63-4-100A	0.397	1
OEZ:42458	LFN-25-4-300A	0.375	1
OEZ:42459	LFN-40-4-300A	0.375	1
OEZ:42460	LFN-63-4-300A	0.383	1
OEZ:42461	LFN-80-4-300A	0.383	1
OEZ:42462	LFN-40-4-500A	0.375	1
OEZ:42463	LFN-63-4-500A	0.381	1

Type A-S, 4-pole

OEZ:42474	LFN-40-4-300A-S	0.375	1
OEZ:42475	LFN-63-4-300A-S	0.383	1

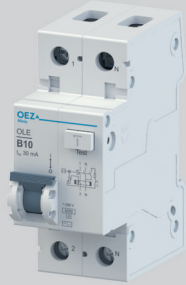
OFI

Code	Type	Weight [kg]	Package [pcs]
Type AC, 4-pole			
OEZ:36819	OFI-100-4-030AC	0.520	1
OEZ:36823	OFI-125-4-030AC	0.520	1
OEZ:36820	OFI-100-4-100AC	0.520	1
OEZ:36824	OFI-125-4-100AC	0.520	1
OEZ:36821	OFI-100-4-300AC	0.520	1
OEZ:36825	OFI-125-4-300AC	0.520	1
OEZ:36822	OFI-100-4-500AC	0.520	1
OEZ:36826	OFI-125-4-500AC	0.520	1

Code	Type	Weight [kg]	Package [pcs]
Type A, 4-pole			
OEZ:36831	OFI-100-4-030A	0.520	1
OEZ:36835	OFI-125-4-030A	0.520	1
OEZ:36832	OFI-100-4-100A	0.520	1
OEZ:36836	OFI-125-4-100A	0.520	1
OEZ:36833	OFI-100-4-300A	0.520	1
OEZ:36837	OFI-125-4-300A	0.520	1
OEZ:36834	OFI-100-4-500A	0.520	1
OEZ:36838	OFI-125-4-500A	0.520	1



OFI-125-4-030AC



OLE-10B-1N-030AC



OLI-10B-1N-030AC

OLE

Code	Type	Weight [kg]	Package [pcs]
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Type AC, characteristic B

OEZ:38313	OLE-6B-1N-030AC	0.250	1
OEZ:38314	OLE-10B-1N-030AC	0.250	1
OEZ:38315	OLE-16B-1N-030AC	0.250	1

Code	Type	Weight [kg]	Package [pcs]
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Type AC, characteristic C

OEZ:38320	OLE-6C-1N-030AC	0.250	1
OEZ:38321	OLE-10C-1N-030AC	0.250	1
OEZ:38322	OLE-16C-1N-030AC	0.250	1

Code	Type	Weight [kg]	Package [pcs]
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OLI

Type AC, characteristic B

OEZ:38271	OLI-6B-1N-030AC	0.250	1
OEZ:38272	OLI-10B-1N-030AC	0.250	1
OEZ:38273	OLI-16B-1N-030AC	0.250	1
OEZ:38274	OLI-20B-1N-030AC	0.250	1
OEZ:38275	OLI-25B-1N-030AC	0.250	1
OEZ:38276	OLI-32B-1N-030AC	0.250	1
OEZ:38277	OLI-40B-1N-030AC	0.250	1

Type A, characteristic B

OEZ:38292	OLI-6B-1N-030A	0.260	1
OEZ:38293	OLI-10B-1N-030A	0.260	1
OEZ:38294	OLI-16B-1N-030A	0.260	1
OEZ:38295	OLI-20B-1N-030A	0.260	1
OEZ:38296	OLI-25B-1N-030A	0.260	1
OEZ:38297	OLI-32B-1N-030A	0.260	1
OEZ:38298	OLI-40B-1N-030A	0.260	1

Type AC-G, characteristic B

OEZ:38328	OLI-10B-1N-030AC-G	0.250	1
OEZ:38329	OLI-16B-1N-030AC-G	0.250	1
OEZ:38330	OLI-20B-1N-030AC-G	0.250	1
OEZ:38331	OLI-25B-1N-030AC-G	0.250	1

Type AC, characteristic C

OEZ:38278	OLI-6C-1N-030AC	0.250	1
OEZ:38279	OLI-10C-1N-030AC	0.250	1
OEZ:38280	OLI-16C-1N-030AC	0.250	1
OEZ:38281	OLI-20C-1N-030AC	0.250	1
OEZ:38282	OLI-25C-1N-030AC	0.250	1
OEZ:38283	OLI-32C-1N-030AC	0.250	1
OEZ:38284	OLI-40C-1N-030AC	0.250	1
OEZ:38285	OLI-6C-1N-300AC	0.250	1
OEZ:38286	OLI-10C-1N-300AC	0.250	1
OEZ:38287	OLI-16C-1N-300AC	0.250	1
OEZ:38288	OLI-20C-1N-300AC	0.250	1
OEZ:38289	OLI-25C-1N-300AC	0.250	1
OEZ:38290	OLI-32C-1N-300AC	0.250	1
OEZ:38291	OLI-40C-1N-300AC	0.250	1

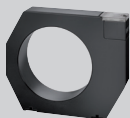
Type A, characteristic C

OEZ:38299	OLI-6C-1N-030A	0.260	1
OEZ:38300	OLI-10C-1N-030A	0.260	1
OEZ:38301	OLI-16C-1N-030A	0.260	1
OEZ:38302	OLI-20C-1N-030A	0.260	1
OEZ:38303	OLI-25C-1N-030A	0.260	1
OEZ:38304	OLI-32C-1N-030A	0.260	1
OEZ:38305	OLI-40C-1N-030A	0.260	1
OEZ:38306	OLI-6C-1N-300A	0.260	1
OEZ:38307	OLI-10C-1N-300A	0.260	1
OEZ:38308	OLI-16C-1N-300A	0.260	1
OEZ:38309	OLI-20C-1N-300A	0.260	1
OEZ:38310	OLI-25C-1N-300A	0.260	1
OEZ:38311	OLI-32C-1N-300A	0.260	1
OEZ:38312	OLI-40C-1N-300A	0.260	1

Type AC-G, characteristic C

OEZ:38333	OLI-10C-1N-030AC-G	0.250	1
OEZ:38334	OLI-16C-1N-030AC-G	0.250	1
OEZ:38335	OLI-20C-1N-030AC-G	0.250	1
OEZ:38336	OLI-25C-1N-030AC-G	0.250	1

5SV8001-6KK



5SV8702-OKK



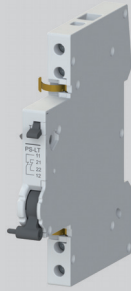
5SV8701-OKK

RESIDUAL CURRENT MONITOR

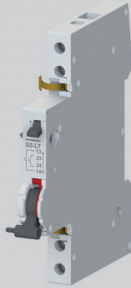
Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:42658	5SV8000-6KK	analogue design, setting $I_{\Delta n}$ and $t_{\Delta n}$	0.180	1
OEZ:42659	5SV8001-6KK	digital design, setting $I_{\Delta n}$ and $t_{\Delta n}$	0.260	1
OEZ:42660	5SV8200-6KK	digital design, setting $I_{\Delta n}$ and $t_{\Delta n}$, 4 channels	0.260	1

Current transformers for residual current monitor

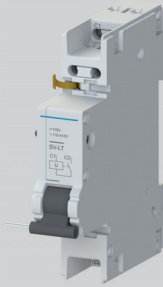
OEZ:42661	5SV8700-OKK	internal diameter 20 mm, including holder, for mounting on "U" rail, for 5SV8...	0.090	1
OEZ:42662	5SV8701-OKK	internal diameter 30 mm, including holder, for mounting on "U" rail, for 5SV8...	0.110	1
OEZ:42663	5SV8702-OKK	internal diameter 35 mm, including holder, for mounting on "U" rail, for 5SV8...	0.200	1
OEZ:42664	5SV8703-OKK	internal diameter 70 mm, including holder, for mounting on "U" rail, for 5SV8...	0.310	1
OEZ:42665	5SV8704-OKK	internal diameter 105 mm, including holder, for mounting on "U" rail, for 5SV8...	0.600	1
OEZ:42666	5SV8705-OKK	internal diameter 140 mm, including holder, for mounting on "U" rail, for 5SV8...	1.350	1
OEZ:42667	5SV8706-OKK	internal diameter 210 mm, including holder, for mounting on "U" rail, for 5SV8...	2.250	1
OEZ:42668	5SV8900-1KK	for mounting on "U" rail, for current transformers with internal diameter up to and including 105 mm	0.010	1



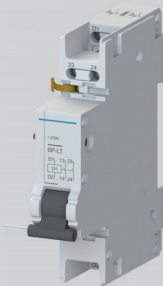
PS-LT-0200-TE



SS-LT-2000-TE-RE



SV-LT-X400



SP-LT-A230

OD-LT-VU02



OD-LT-VU01



OD-OL-NR01



OD-LT-VP01



PS-OF-125-1100

ACCESSORIES

Code	Type	Description	Weight [kg]	Package [pcs]
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Auxiliary switches for residual current circuit breakers LFN, LFE, OLE, OLI

OEZ:42297	PS-LT-1100	1x make contact, 1x break contact, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI*, OLE*, MSO, MSN, AVN-DC	0.065	1
OEZ:42300	PS-LT-1100-TE	1x make contact, 1x break contact, test button, for LTP, LTK, LTS, LVN, LTN-UC, LFN, OLI*, OLE*, MSO, MSN, AVN-DC	0.054	1
OEZ:42303	PS-LT-1100-MN	1x make contact, 1x break contact, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI*, OLE*, MSO, MSN, AVN-DC	0.075	1
OEZ:42304	PS-LT-1100-MN-TE	1x make contact, 1x break contact, test button, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI*, OLE*, MSO, MSN, AVN-DC	0.054	1
OEZ:42299	PS-LT-2000	2x make contact, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI*, OLE*, MSO, MSN, AVN-DC	0.071	1
OEZ:42302	PS-LT-2000-TE	2x make contact, test button, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI*, OLE*, MSO, MSN, AVN-DC	0.058	1
OEZ:42298	PS-LT-0200	2x break contact, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI*, OLE*, MSO, MSN, AVN-DC	0.065	1
OEZ:42301	PS-LT-0200-TE	2x break contact, test button, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI*, OLE*, MSO, MSN, AVN-DC	0.080	1

Auxiliary switches for residual current circuit breakers with overcurrent protection OLI a OLE

OEZ:42305	PS-LT-1100-K	1x make contact, 1x break contact, for OLE-..., OLI-... with handle adapter	0.065	1
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Signal switches for residual current circuit breakers LFN, LFE, OLE, OLI

OEZ:42306	SS-LT-1100	1x make contact, 1x break contact, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI*, OLE*, MSN	0.065	1
OEZ:42309	SS-LT-1100-TE-RE	1x make contact, 1x break contact, test button, reset, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI*, OLE*, MSN	0.055	1
OEZ:42307	SS-LT-2000	2x make contact, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI*, OLE*, MSN	0.075	1
OEZ:42310	SS-LT-2000-TE-RE	2x make contact, test button, reset, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI*, OLE*, MSN	0.057	1
OEZ:42308	SS-LT-0200	2x break contact, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI*, OLE*, MSN	0.078	1
OEZ:42311	SS-LT-0200-TE-RE	2x break contact, test button, reset, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI*, OLE*, MSN	0.057	1

Shunt trips for residual current circuit breakers LFN, LFE, OLE, OLI

OEZ:42312	SV-LT-X060	Ue AC/DC 24 ÷ 60 V, for LTS, LVN, LTN-UC, LFE, LFN, OLI*, OLE*, MSN	0.106	1
OEZ:42313	SV-LT-X400	Ue AC 110 ÷ 415 V / DC 110 ÷ 220 V, for LTS, LVN, LTN-UC, LFE, LFN, OLI*, OLE*, MSN	0.098	1

Undervoltage releases for residual current circuit breakers LFN, LFE, OLE, OLI

OEZ:42315	SP-LT-A230	Ue AC 230 V, for LTS, LVN, LTN-UC, LFE, LFN, OLI*, OLE*, MSN	0.109	1
OEZ:42317	SP-LT-A230-2000	Ue AC 230 V, 2x make contact, for LTS, LVN, LTN-UC, LFE, LFN, OLI*, OLE*, MSN	0.123	1
OEZ:42319	SP-LT-D024	Ue DC 24 V, for LTS, LVN, LTN-UC, LFE, LFN, OLI*, OLE*, MSN	0.113	1
OEZ:42321	SP-LT-D024-2000	Ue DC 24 V, 2x make contact, for LTS, LVN, LTN-UC, LFE, LFN, OLI*, OLE*, MSN	0.117	1
OEZ:42320	SP-LT-D110	Ue DC 110 V, for LTS, LVN, LTN-UC, LFE, LFN, OLI*, OLE*, MSN	0.105	1
OEZ:42322	SP-LT-D110-2000	Ue DC 110 V, 2x make contact, for LTS, LVN, LTN-UC, LFE, LFN, OLI*, OLE*, MSN	0.128	1

Accessories for residual current circuit breakers LFE, LFN

OEZ:42325	OD-LT-VU02	locking insert	0.003	1
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Accessories for residual current circuit breakers with overcurrent protection OLI a OLE

OEZ:42324	OD-LT-VU01	locking insert	0.012	1
OEZ:42323	OD-LT-VP01	sealing insert	0.002	1
OEZ:38270	OD-OL-NR01	handle adapter	0.02	5

Auxiliary switches for residual current circuit breakers OFI

OEZ:36840	PS-OF-125-1100	1x make contact, 1x break contact, for OFI-100-..., OFI-125-..	0.070	1
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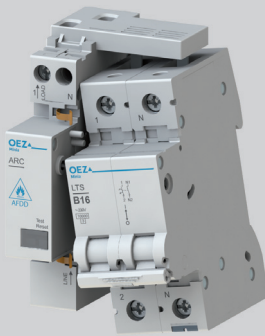
* Installation requires OD-OL-NR01 Handle adapter.

New



ARC-16-1N-3M

ARC-16-1N-2M



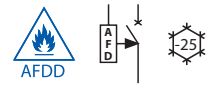
ARC-16-1N-3M + LTS-16B-1N



ARC-16-1N-3M + LTS-16B-1N

ARC FAULT PROTECTION RELEASES

Type		ARC-16-1N-3M	ARC-40-1N-3M	ARC-16-1N-2M	ARC-40-1N-2M
Rated current	I_n	1 ÷ 16 A	1 ÷ 40 A	1 ÷ 40 A	1 ÷ 40 A
Width		3 modules		2 modules	
Standards		EN 62606			
Rated voltage	U_n	AC 230 V			
Number of poles		1+N			
Power losses		0.6 W / pole			
Mounting ARC	with miniature circuit breaker	LTS-...-1N (10 kA), LTS-...-2 (10 kA)		LTK (6 kA)	
	with residual current circuit breaker with overcurrent protection	OLI (10 kA), OLE (6 kA)		-	



3 modules

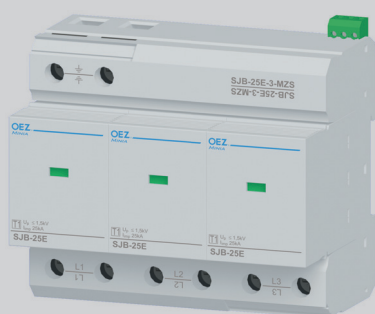
Code	Type	Rated current I_n	Weight [kg]	Package [pcs]
OEZ:45532	ARC-16-1N-3M	1 ÷ 16 A	0.105	1
OEZ:45534	ARC-40-1N-3M	1 ÷ 40 A	0.105	1

2 modules

OEZ:45533	ARC-16-1N-2M	1 ÷ 16 A	0.101	1
OEZ:45535	ARC-40-1N-2M	1 ÷ 40 A	0.101	1

Arc fault detection device is assembled

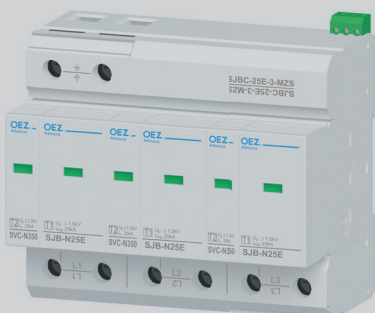
- from arc fault detection unit ARC and miniature circuit breakers LTK/LTS or
- from arc fault detection unit ARC and residual current circuit breaker with overcurrent protection OLI/OLE.



SJB-25E-3-MZS



SJB-50E-1N-MZS



SJB-25E-3-MZS



SVBC-12,5-4-MZS

OVERVOLTAGE PROTECTIONS

Type	SJB-25E	SJB-50E	SJBC	SVBC	SVC-350	SVD-253	SVD-335	SVBC-DC	SVC-DC
Arrester classification according to EN 61643-11	type 1	type 1	type 1 + type 2	type 1 + type 2	type 2	type 3	type 3	type 1 + type 2	type 2
Maximum constant operating voltage U_c	AC 350 V	AC 264 V	AC 350 V	AC 335 V	AC 350 V	AC 253 V	AC 335 V	DC 1050 V	DC 1170 V
Impulse current (10/350 μ s) / pole I_{imp}	25 kA	50 kA	25 kA	12.5 kA	-	-	-	5 kA	-
Rated discharge current (8/20 μ s) / pole I_n	25 kA	50 kA	25 kA	12.5 kA	20 kA	3 kA	1.5 kA	15 kA	15 kA
Maximum discharge current (8/20 μ s) / pole I_{max}	-	-	40 kA	50 kA	40 kA	-	-	40 kA	40 kA
Off-load voltage U_{oc}	-	-	-	-	-	6 kV	4 kV	-	-
Voltage protection level U_p	≤ 1.5 kV	≤ 2.5 kV	≤ 1.5 kV	≤ 1.2 kV	≤ 1.5 kV	≤ 1.1 kV	≤ 1.3 kV	≤ 3.5 kV	≤ 3.7 kV

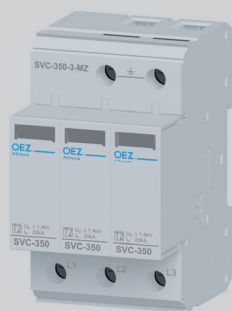
Code	Type	Description	Weight [kg]	Package [pcs]
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Lightning current arresters, type 1

OEZ:38357	SJB-25E-3-MZS	type 1, limp 25 kA, Uc AC 350 V, replaceable modules, with signalling, spark gap	0.909	1
OEZ:38358	SJB-25E-3N-MZS	type 1, limp 25 kA, Uc AC 350 V, replaceable modules, with signalling, spark gap	1.310	1
OEZ:45559	SJB-50E-1-MZS	type 1, limp 50 kA, Uc AC 264 V, replaceable modules, with signalling, spark gap	0.415	1
OEZ:45560	SJB-50E-1N-MZS	type 1, limp 50 kA, Uc AC 264 V, replaceable modules, with signalling, spark gap	0.770	1
OEZ:38360	SJB-25E-1-M	type 1, spare part, limp 25 kA, Uc AC 350 V, replaceable module, spark gap, for SJB-25E (L/N)	0.240	1
OEZ:45561	SJB-50E-1-M	type 1, spare part, limp 50 kA, Uc AC 264 V, replaceable module, spark gap, for SJB-50E (L/N, L/PEN)	0.262	1
OEZ:38359	SJB-100E-N-M	type 1, spare part, limp 100 kA, Uc AC 350 V, replaceable module, spark gap, for SJB-25E, SJB-50E, SJBC-25E (N/PE)	0.240	1

Combined lightning current and surge voltage arresters, type 1 + type 2

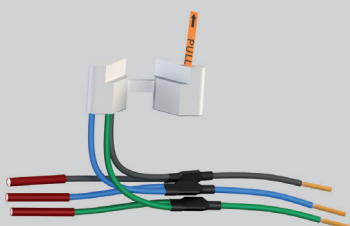
OEZ:38361	SJBC-25E-3-MZS	type 1+2, limp 25 kA, Uc AC 350 V, replaceable modules, with signalling, spark gap, varistor	1.040	1
OEZ:38362	SJBC-25E-3N-MZS	type 1+2, limp 25 kA, Uc AC 350 V, replaceable modules, with signalling, spark gap, varistor	1.430	1
OEZ:38363	SJB-N25E-1-M	type 1, spare part, limp 25 kA, Uc AC 350 V, replaceable module, spark gap, for SJBC-25E (L/N, L/PEN)	0.129	1
OEZ:38364	SVC-N350-1-M	type 2, spare part, I_{max} 40 kA, Uc AC 350 V, replaceable module, varistor, for SJBC-25E (L/N, L/PEN)	0.052	1
OEZ:38359	SJB-100E-N-M	type 1, spare part, limp 100 kA, Uc AC 350 V, replaceable module, spark gap, for SJB-25E, SJB-50E, SJBC-25E (N/PE)	0.240	1
OEZ:40619	SVBC-12,5-3-MZ	type 1+2, limp 12.5 kA, Uc AC 335 V, replaceable modules, varistor	0.553	1
OEZ:40620	SVBC-12,5-3-MZS	type 1+2, limp 12.5 kA, Uc AC 335 V, replaceable modules, with signalling, varistor	0.560	1
OEZ:40621	SVBC-12,5-3N-MZ	type 1+2, limp 12.5 kA, Uc AC 335 V, replaceable modules, varistor, spark gap	0.672	1
OEZ:40622	SVBC-12,5-3N-MZS	type 1+2, limp 12.5 kA, Uc AC 335 V, replaceable modules, with signalling, varistor, spark gap	0.681	1
OEZ:40623	SVBC-12,5-4-MZ	type 1+2, limp 12.5 kA, Uc AC 335 V, replaceable modules, varistor	0.749	1
OEZ:40624	SVBC-12,5-4-MZS	type 1+2, limp 12.5 kA, Uc AC 335 V, replaceable modules, with signalling, varistor	0.753	1
OEZ:40615	SVBC-12,5-1-MZ	type 1+2, limp 12.5 kA, Uc AC 335 V, replaceable modules, varistor	0.158	1
OEZ:40618	SVBC-12,5-1N-MZS	type 1+2, limp 12.5 kA, Uc AC 335 V, replaceable modules, with signalling, varistor, spark gap	0.360	1
OEZ:40625	SVBC-12,5-1-M	type 1+2, spare part, limp 12.5 kA, Uc AC 335 V, replaceable module, varistor, for SVBC-12,5 (L/N, L/PEN)	0.114	1
OEZ:40626	SVBC-50-N-M	type 1+2, spare part, limp 50 kA, Uc AC 264 V, replaceable module, spark gap, for SVBC-12,5 (N/PE)	0.078	1



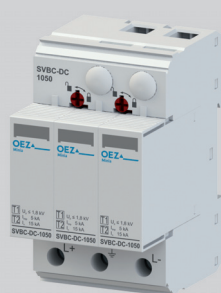
SVC-350-3-MZ



SVD-335-3N-MZS



SVD-335-1N-AS



SVBC-DC-1050-3V-MZ

Code	Type	Description	Weight [kg]	Package [pcs]
Surge voltage arresters, type 2				
OEZ:38365	SVC-350-3-MZ	type 2, I _{max} 40 kA, U _c AC 350 V, replaceable modules, varistor	0.393	1
OEZ:38366	SVC-350-3-MZS	type 2, I _{max} 40 kA, U _c AC 350 V, replaceable modules, with signalling, varistor	0.403	1
OEZ:38367	SVC-350-3N-MZ	type 2, I _{max} 40 kA, U _c AC 350 V, replaceable modules, varistor, spark gap	0.433	1
OEZ:38368	SVC-350-3N-MZS	type 2, I _{max} 40 kA, U _c AC 350 V, replaceable modules, with signalling, varistor, spark gap	0.443	1
OEZ:40861	SVC-350-4-MZ	type 2, I _{max} 40 kA, U _c AC 350 V, replaceable modules, varistor	0.433	1
OEZ:40862	SVC-350-4-MZS	type 2, I _{max} 40 kA, U _c AC 350 V, replaceable modules, with signalling, varistor	0.433	1
OEZ:42378	SVC-350-1-MZ	type 2, I _{max} 40 kA, U _c AC 350 V, replaceable modules, varistor	0.138	1
OEZ:42379	SVC-350-1-MZS	type 2, I _{max} 40 kA, U _c AC 350 V, replaceable modules, with signalling, varistor	0.144	1
OEZ:42380	SVC-350-1N-MZ	type 2, I _{max} 40 kA, U _c AC 350 V, replaceable modules, varistor, spark gap	0.256	1
OEZ:42381	SVC-350-1N-MZS	type 2, I _{max} 40 kA, U _c AC 350 V, replaceable modules, with signalling, varistor, spark gap	0.268	1
OEZ:38369	SVC-350-1-M	type 2, spare part, I _{max} 40 kA, U _c AC 350 V, replaceable module, varistor, for SVC-350 (L/N, L/PEN)	0.051	1
OEZ:38370	SVC-264-N-M	type 2, spare part, I _{max} 40 kA, U _c AC 260 V, replaceable module, varistor, for SVC-350 (N/PE)	0.040	1

Code	Type	Description	Weight [kg]	Package [pcs]
Surge voltage arresters, type 3				
OEZ:38371	SVD-253-1N-MZS	type 3, I _n 3 kA, U _c AC 253 V, replaceable modules, with signalling, varistor, spark gap	0.081	1
OEZ:38372	SVD-335-3N-MZS	type 3, I _n 1,5 kA, U _c AC 335 V, replaceable modules, with signalling, varistor, spark gap	0.129	1
OEZ:38373	SVD-253-1N-M	type 3, spare part, I _n 3 kA, U _c AC 253 V, replaceable module, varistor, for SVD-253	0.028	1
OEZ:38374	SVD-335-3N-M	type 3, spare part, I _n 1,5 kA, U _c AC 335 V, replaceable module, varistor, for SVD-335	0.162	1
OEZ:39164	SVD-335-1N-AS	type 3, I _n 1,5 kA, U _c AC 335 V, do elektroinstalačních krabic, varistor, spark gap	0.041	1

Code	Type	Description	Weight [kg]	Package [pcs]
Overvoltage protections for direct current applications, type 1 + type 2				
OEZ:42717	SVBC-DC-720-3V-MZ	type 1+2, I _{imp} 5 kA, U _c DC 720 V, replaceable modules, varistor	0.365	1
OEZ:42718	SVBC-DC-720-3V-MZS	type 1+2, I _{imp} 5 kA, U _c DC 720 V, replaceable modules, with signalling, varistor	0.371	1
OEZ:42719	SVBC-DC-720-V-M	type 1+2, spare part, I _{imp} 5 kA, U _c DC 360 V, replaceable module, varistor, for SVBC-DC-720-3V-MZ(S)	0.057	1
OEZ:42714	SVBC-DC-1050-3V-MZ	type 1+2, I _{imp} 5 kA, U _c DC 1050 V, replaceable modules, varistor	0.379	1
OEZ:42715	SVBC-DC-1050-3V-MZS	type 1+2, I _{imp} 5 kA, U _c DC 1050 V, replaceable modules, with signalling, varistor	0.385	1
OEZ:42716	SVBC-DC-1050-V-M	type 1+2, spare part, I _{imp} 5 kA, U _c DC 525 V, replaceable module, varistor, for SVBC-DC-1050-3V-MZ(S)	0.072	1

Code	Type	Description	Weight [kg]	Package [pcs]
Overvoltage protections for direct current applications, type 2				
OEZ:42711	SVC-DC-800-3V-MZ	type 2, I _{max} 40 kA, U _c DC 800 V, replaceable modules, varistor	0.322	1
OEZ:42712	SVC-DC-800-3V-MZS	type 2, I _{max} 40 kA, U _c DC 800 V, replaceable modules, with signalling, varistor	0.326	1
OEZ:42713	SVC-DC-800-V-M	type 2, spare part, I _{max} 40 kA, replaceable module, varistor, for SVC-DC-800-3V-MZ(S)	0.068	1
OEZ:42708	SVC-DC-1170-3V-MZ	type 2, I _{max} 40 kA, U _c DC 1170 V, replaceable modules, varistor	0.328	1
OEZ:42709	SVC-DC-1170-3V-MZS	type 2, I _{max} 40 kA, U _c DC 1170 V, replaceable modules, with signalling, varistor	0.333	1
OEZ:42710	SVC-DC-1170-V-M	type 2, spare part, I _{max} 40 kA, replaceable module, varistor, for SVC-DC-1170-3V-MZ(S)	0.076	1



RSI-20-20-A230



RSI-25-40-A230



RSI-40-A230



RSI-25-40-A230-M



RSI-63-40-A230-M

INSTALLATION CONTACTORS AC

Type	RSI-20..-A..	RSI-25..-A..	RSI-32..-A..	RSI-40..-A..	RSI-63..-A..
Arrangement of contacts	10, 20, 11, 02	40, 31, 04	20, 11, 02, 40, 31, 04	40, 31, 04	40, 31, 04
Rated thermal current	I_{th} 20 A	25 A	32 A	40 A	63 A
Rated operating voltage	U_e AC 230 V	AC 400 V	AC 230, 400 V	AC 400 V	AC 400 V
Rated control voltage	U_c AC 24, 230 V	AC 24, 230 V	AC 230 V	AC 24, 230 V	AC 24, 230 V

Code	Type	Description	Weight [kg]	Package [pcs]
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Installation contactors AC

OEZ:36609	RSI-20-10-A230	lth 20 A, U_c AC 230 V, 1x make contact	0.130	1
OEZ:36610	RSI-20-20-A230	lth 20 A, U_c AC 230 V, 2x make contact	0.130	1
OEZ:36614	RSI-20-20-A024	lth 20 A, U_c AC 24 V, 2x make contact	0.130	1
OEZ:36611	RSI-20-11-A230	lth 20 A, U_c AC 230 V, 1x make contact, 1x break contact	0.130	1
OEZ:36615	RSI-20-11-A024	lth 20 A, U_c AC 24 V, 1x make contact, 1x break contact	0.130	1
OEZ:36612	RSI-20-02-A230	lth 20 A, U_c AC 230 V, 2x break contact	0.130	1
OEZ:36616	RSI-20-02-A024	lth 20 A, U_c AC 24 V, 2x break contact	0.130	1
OEZ:36617	RSI-25-40-A230	lth 25 A, U_c AC 230 V, 4x make contact	0.230	1
OEZ:36621	RSI-25-40-A024	lth 25 A, U_c AC 24 V, 4x make contact	0.230	1
OEZ:36618	RSI-25-31-A230	lth 25 A, U_c AC 230 V, 3x make contact, 1x break contact	0.230	1
OEZ:36622	RSI-25-31-A024	lth 25 A, U_c AC 24 V, 3x make contact, 1x break contact	0.230	1
OEZ:36620	RSI-25-04-A230	lth 25 A, U_c AC 230 V, 4x break contact	0.230	1
OEZ:43273	RSI-32-20-A230	lth 32 A, U_c AC 230 V, 2x make contact	0.130	1
OEZ:43274	RSI-32-11-A230	lth 32 A, U_c AC 230 V, 1x make contact, 1x break contact	0.130	1
OEZ:43275	RSI-32-02-A230	lth 32 A, U_c AC 230 V, 2x break contact	0.130	1
OEZ:43276	RSI-32-40-A230	lth 32 A, U_c AC 230 V, 4x make contact	0.260	1
OEZ:43277	RSI-32-31-A230	lth 32 A, U_c AC 230 V, 3x make contact, 1x break contact	0.260	1
OEZ:43278	RSI-32-04-A230	lth 32 A, U_c AC 230 V, 4x break contact	0.260	1
OEZ:36625	RSI-40-40-A230	lth 40 A, U_c AC 230 V, 4x make contact	0.380	1
OEZ:36629	RSI-40-40-A024	lth 40 A, U_c AC 24 V, 4x make contact	0.038	1
OEZ:36626	RSI-40-31-A230	lth 40 A, U_c AC 230 V, 3x make contact, 1x break contact	0.038	1
OEZ:36630	RSI-40-31-A024	lth 40 A, U_c AC 24 V, 3x make contact, 1x break contact	0.380	1
OEZ:36628	RSI-40-04-A230	lth 40 A, U_c AC 230 V, 4x break contact	0.038	1
OEZ:36633	RSI-63-40-A230	lth 63 A, U_c AC 230 V, 4x make contact	0.380	1
OEZ:36637	RSI-63-40-A024	lth 63 A, U_c AC 24 V, 4x make contact	0.380	1
OEZ:36634	RSI-63-31-A230	lth 63 A, U_c AC 230 V, 3x make contact, 1x break contact	0.380	1
OEZ:36638	RSI-63-31-A024	lth 63 A, U_c AC 24 V, 3x make contact, 1x break contact	0.380	1
OEZ:36636	RSI-63-04-A230	lth 63 A, U_c AC 230 V, 4x break contact	0.380	1

Installation contactors AC with manual control

OEZ:36641	RSI-20-20-A230-M	lth 20 A, U_c AC 230 V, 2x make contact, with manual control	0.135	1
OEZ:36643	RSI-20-20-A024-M	lth 20 A, U_c AC 24 V, 2x make contact, with manual control	0.135	1
OEZ:36642	RSI-20-11-A230-M	lth 20 A, U_c AC 230 V, 1x make contact, 1x break contact, with manual control	0.135	1
OEZ:36644	RSI-20-11-A024-M	lth 20 A, U_c AC 24 V, 1x make contact, 1x break contact, with manual control	0.135	1
OEZ:36645	RSI-25-40-A230-M	lth 25 A, U_c AC 230 V, 4x make contact, with manual control	0.235	1
OEZ:36647	RSI-25-40-A024-M	lth 25 A, U_c AC 24 V, 4x make contact, with manual control	0.235	1
OEZ:36646	RSI-25-31-A230-M	lth 25 A, U_c AC 230 V, 3x make contact, 1x break contact, with manual control	0.235	1
OEZ:36648	RSI-25-31-A024-M	lth 25 A, U_c AC 24 V, 3x make contact, 1x break contact, with manual control	0.235	1
OEZ:36649	RSI-40-40-A230-M	lth 40 A, U_c AC 230 V, 4x make contact, with manual control	0.390	1
OEZ:36651	RSI-40-40-A024-M	lth 40 A, U_c AC 24 V, 4x make contact, with manual control	0.390	1
OEZ:36650	RSI-40-31-A230-M	lth 40 A, U_c AC 230 V, 3x make contact, 1x break contact, with manual control	0.390	1
OEZ:36652	RSI-40-31-A024-M	lth 40 A, U_c AC 24 V, 3x make contact, 1x break contact, with manual control	0.390	1
OEZ:36653	RSI-63-40-A230-M	lth 63 A, U_c AC 230 V, 4x make contact, with manual control	0.390	1



RSI-20-20-X230



RSI-40-40-X230



RSI-25-40-X230-M



PS-RSI-1100

INSTALLATION CONTACTORS AC/DC

Type	RSI-20..-X..	RSI-25..-X..	RSI-32..-X..	RSI-40..-X..	RSI-63..-X..
Arrangement of contacts	10, 20, 11, 02	40, 31, 04	20, 11, 02, 40, 31, 04	40, 31, 04	40, 31
Rated thermal current	I_{th} 20 A	25 A	32 A	40 A	63 A
Rated operating voltage	U_e AC 230 V	AC 400 V	AC 230, 400 V	AC 400 V	AC 400 V
Rated control voltage	U_c AC/DC 24, 230 V	AC/DC 24, 230 V	AC/DC 230 V	AC/DC 24, 230 V	AC/DC 24, 230 V

Code	Type	Description	Weight [kg]	Package [pcs]
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Installation contactors AC/DC

OEZ:43104	RSI-20-10-X230	lth 20 A, U_c AC/DC 230 V, 1x make contact	0.130	1
OEZ:43105	RSI-20-20-X230	lth 20 A, U_c AC/DC 230 V, 2x make contact	0.130	1
OEZ:43106	RSI-20-20-X024	lth 20 A, U_c AC/DC 24 V, 2x make contact	0.130	1
OEZ:43107	RSI-20-11-X230	lth 20 A, U_c AC/DC 230 V, 1x make contact, 1x break contact	0.130	1
OEZ:43108	RSI-20-11-X024	lth 20 A, U_c AC/DC 24 V, 1x make contact, 1x break contact	0.130	1
OEZ:43109	RSI-20-02-X230	lth 20 A, U_c AC/DC 230 V, 2x break contact	0.130	1
OEZ:43110	RSI-20-02-X024	lth 20 A, U_c AC/DC 24 V, 2x break contact	0.130	1
OEZ:43115	RSI-25-40-X230	lth 25 A, U_c AC/DC 230 V, 4x make contact	0.240	1
OEZ:43116	RSI-25-40-X024	lth 25 A, U_c AC/DC 24 V, 4x make contact	0.240	1
OEZ:43117	RSI-25-31-X230	lth 25 A, U_c AC/DC 230 V, 3x make contact, 1x break contact	0.240	1
OEZ:43118	RSI-25-31-X024	lth 25 A, U_c AC/DC 24 V, 3x make contact, 1x break contact	0.240	1
OEZ:43119	RSI-25-04-X230	lth 25 A, U_c AC/DC 230 V, 4x break contact	0.240	1
OEZ:43121	RSI-32-20-X230	lth 32 A, U_c AC/DC 230 V, 2x make contact	0.130	1
OEZ:43122	RSI-32-11-X230	lth 32 A, U_c AC/DC 230 V, 1x make contact, 1x break contact	0.130	1
OEZ:43123	RSI-32-02-X230	lth 32 A, U_c AC/DC 230 V, 2x break contact	0.130	1
OEZ:43124	RSI-32-40-X230	lth 32 A, U_c AC/DC 230 V, 4x make contact	0.260	1
OEZ:43125	RSI-32-31-X230	lth 32 A, U_c AC/DC 230 V, 3x make contact, 1x break contact	0.260	1
OEZ:43126	RSI-32-04-X230	lth 32 A, U_c AC/DC 230 V, 4x break contact	0.260	1
OEZ:43127	RSI-40-40-X230	lth 40 A, U_c AC/DC 230 V, 4x make contact	0.420	1
OEZ:43128	RSI-40-40-X024	lth 40 A, U_c AC/DC 24 V, 4x make contact	0.420	1
OEZ:43129	RSI-40-31-X230	lth 40 A, U_c AC/DC 230 V, 3x make contact, 1x break contact	0.420	1
OEZ:43130	RSI-40-31-X024	lth 40 A, U_c AC/DC 24 V, 3x make contact, 1x break contact	0.420	1
OEZ:43131	RSI-40-04-X230	lth 40 A, U_c AC/DC 230 V, 4x break contact	0.420	1
OEZ:43132	RSI-63-40-X230	lth 63 A, U_c AC/DC 230 V, 4x make contact	0.420	1
OEZ:43133	RSI-63-40-X024	lth 63 A, U_c AC/DC 24 V, 4x make contact	0.420	1
OEZ:43134	RSI-63-31-X230	lth 63 A, U_c AC/DC 230 V, 3x make contact, 1x break contact	0.420	1
OEZ:43135	RSI-63-31-X024	lth 63 A, U_c AC/DC 24 V, 3x make contact, 1x break contact	0.420	1

Installation contactors AC/DC with manual control

OEZ:43162	RSI-20-20-X230-M	lth 20 A, U_c AC/DC 230 V, 2x make contact, with manual control	0.130	1
OEZ:43163	RSI-20-20-X024-M	lth 20 A, U_c AC/DC 24 V, 2x make contact, with manual control	0.130	1
OEZ:43164	RSI-20-11-X230-M	lth 20 A, U_c AC/DC 230 V, 1x make contact, 1x break contact, with manual control	0.130	1
OEZ:43165	RSI-20-11-X024-M	lth 20 A, U_c AC/DC 24 V, 1x make contact, 1x break contact, with manual control	0.130	1
OEZ:43166	RSI-25-40-X230-M	lth 25 A, U_c AC/DC 230 V, 4x make contact, with manual control	0.240	1
OEZ:43167	RSI-25-40-X024-M	lth 25 A, U_c AC/DC 24 V, 4x make contact, with manual control	0.240	1
OEZ:43168	RSI-25-31-X230-M	lth 25 A, U_c AC/DC 230 V, 3x make contact, 1x break contact, with manual control	0.240	1
OEZ:43169	RSI-25-31-X024-M	lth 25 A, U_c AC/DC 24 V, 3x make contact, 1x break contact, with manual control	0.240	1

Auxiliary switch for installation contactors RSI

OEZ:36657	PS-RSI-1100	In 6 A, U_n AC 230 V, 1x make contact, 1x break contact, for RSI...	0.030	1
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INSTALLATION RELAYS

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:43250	RPI-16-001-X230-SE	Uc AC 230 V, AC/DC 24 V, 1x make-and-break contact 16 A, green indicator light	0.070	1
OEZ:43251	RPI-16-001-X230-SC	Uc AC 230 V, AC/DC 24 V, 1x make-and-break contact 16 A, red indicator light	0.070	1
OEZ:43252	RPI-08-002-X230-SE	Uc AC 230 V, AC/DC 24 V, 2x make-and-break contact 8 A, green indicator light	0.070	1
OEZ:43253	RPI-08-002-X230-SC	Uc AC 230 V, AC/DC 24 V, 2x make-and-break contact 8 A, red indicator light	0.070	1
OEZ:43254	RPI-08-003-UNI-SE	Uc AC 24 ÷ 230 V, DC 24 ÷ 220 V, 3x make-and-break contact 8 A, green indicator light	0.070	1
OEZ:43255	RPI-08-003-UNI-SC	Uc AC 24 ÷ 230 V, DC 24 ÷ 220 V, 3x make-and-break contact 8 A, red indicator light	0.070	1



MECHANICAL IMPULSE (MEMORY) RELAYS

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:43184	MIG-20-10-A230	Ith 20 A, Uc AC 230 V, 1x make contact	0.135	1
OEZ:43186	MIG-20-20-A230	Ith 20 A, Uc AC 230 V, 2x make contact	0.135	1
OEZ:43185	MIG-20-11-A230	Ith 20 A, Uc AC 230 V, 1x make contact, 1x break contact	0.135	1
OEZ:43191	MIG-32-20-A230	Ith 32 A, Uc AC 230 V, 2x make contact	0.135	1
OEZ:43258	MIG-32-20-A024	Ith 32 A, Uc AC 24 V, 2x make contact	0.135	1
OEZ:43190	MIG-32-11-A230	Ith 32 A, Uc AC 230 V, 1x make contact, 1x break contact	0.135	1
OEZ:43257	MIG-32-11-A024	Ith 32 A, Uc AC 24 V, 1x make contact, 1x break contact	0.135	1
OEZ:43193	MIG-32-40-A230	Ith 32 A, Uc AC 230 V, 4x make contact	0.195	1
OEZ:43260	MIG-32-40-A024	Ith 32 A, Uc AC 24 V, 4x make contact	0.195	1
OEZ:43256	MIG-32-31-A230	Ith 32 A, Uc AC 230 V, 3x make contact, 1x break contact	0.195	1
OEZ:43259	MIG-32-31-A024	Ith 32 A, Uc AC 24 V, 3x make contact, 1x break contact	0.195	1
OEZ:43270	MIG-63-40-A230	Ith 63 A, Uc AC 230 V, 4x make contact	0.400	1
OEZ:43272	MIG-63-40-A024	Ith 63 A, Uc AC 24 V, 4x make contact	0.400	1
OEZ:43269	MIG-63-31-A230	Ith 63 A, Uc AC 230 V, 3x make contact, 1x break contact	0.400	1
OEZ:43271	MIG-63-31-A024	Ith 63 A, Uc AC 24 V, 3x make contact, 1x break contact	0.400	1

Auxiliary switch

OEZ:43208	PS-MIG-1100	auxiliary switch, Ie 6 A, Ue AC 250 V, 1x make contact, 1x break contact, for MIG	0.030	1
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Accessories for mechanical impulse (memory) relays MIG

OEZ:43210	OD-MIG-C01	central control block, Ue AC 250 V, 1x make-and-break contact, for MIG	0.030	1
OEZ:43211	OD-MIG-C02	multi-level central control block, Ue AC 250 V, for MIG	0.030	1

ELECTRONIC IMPULSE (MEMORY) RELAYS

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:35675	MIR-16-001-A230	In 16 A, Uc AC 230 V, 1x make-and-break contact	0.085	1

Accessories for electronic impulse (memory) relays

OEZ:35676	OD-MIR-BK	compensation block, for MIR, MIG	0.055	1
OEZ:35677	OD-MIR-CO	multi-level central control block, for MIR	0.055	1





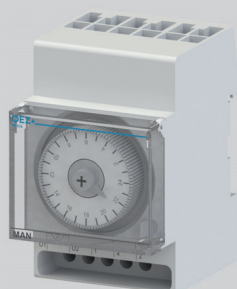
MCR-MB-003-UNI

TIME RELAYS

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:43239	MCR-MA-001-UNI	Uc AC 12 ÷ 230 V, DC 12 ÷ 220 V, 1x make-and-break contact 8 A, number of functions 9	0.105	1
OEZ:43240	MCR-MA-003-UNI	Uc AC 24 ÷ 230 V, DC 24 ÷ 220 V, 3x make-and-break contact 8 A, number of functions 9	0.105	1
OEZ:43241	MCR-MB-001-UNI	Uc AC 12 ÷ 230 V, DC 12 ÷ 220 V, 1x make-and-break contact 8 A, number of functions 18	0.105	1
OEZ:43242	MCR-MB-003-UNI	Uc AC 24 ÷ 230 V, DC 24 ÷ 220 V, 3x make-and-break contact 8 A, number of functions 18	0.105	1
OEZ:43243	MCR-TK-001-UNI	Uc AC 12 ÷ 230 V, DC 12 ÷ 220 V, 1x make-and-break contact 8 A, asymmetric interval relay beginning with pulse or interval	0.105	1



MAN-A16-100-A230-MINI



MAN-A16-001-A230



MAA-D16-002-A230

TIMERS

Code	Type	Description	Weight [kg]	Package [pcs]
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Timers - economical

OEZ:43078	MAE-A16-100-A230-MINI	In 16 A, Uc AC 230 V, 1x make contact, daily program, width of 1 module, without run reserve	0.082	1
OEZ:43067	MAE-A16-001-A230	In 16 A, Uc AC 230 V, 1x make-and-break contact, daily program, width of 3 modules, without run reserve	0.153	1
OEZ:45596	MAE-D16-100-A230-MINI	In 16 A, Uc AC 230 V, 1x make contact, weekly program, width of 1 module, 1 channel, language EN, run reserve	0.091	1
OEZ:43068	MAE-D16-001-A230	In 16 A, Uc AC 230 V, 1x make-and-break contact, weekly program, 1 channel, language EN, run reserve	0.139	1
OEZ:43069	MAE-D16-002-A230	In 16 A, Uc AC 230 V, 2x make-and-break contact, weekly program, 2 channels, language EN, run reserve	0.161	1

Timers - standard

OEZ:43070	MAN-A16-100-A230-MINI	In 16 A, Uc AC 230 V, 1x make contact, daily program, width of 1 module, run reserve, replacement for MAP	0.085	1
OEZ:43071	MAN-A16-001-A230	In 16 A, Uc AC 230 V, 1x make-and-break contact, daily program, width of 3 modules, run reserve, replacement for MAP	0.155	1
OEZ:43072	MAN-D16-001-A230	In 16 A, Uc AC 230 V, 1x make-and-break contact, weekly program, 1 channel, language CS, EN, DE, PL, RU, IT, FR, ES, PT, NL, DA, FI, NO, SV, TR, run reserve, replacement for MAR	0.173	1
OEZ:43073	MAN-D16-002-A230	In 16 A, Uc AC 230 V, 2x make-and-break contact, weekly program, 2 channels, language CS, EN, DE, PL, RU, IT, FR, ES, PT, NL, DA, FI, NO, SV, TR, run reserve, replacement for MAR	0.197	1

Timers - astro

OEZ:43074	MAA-D16-001-A230	In 16 A, Uc AC 230 V, 1x make-and-break contact, weekly program, 1 channel, function astro, language CS, EN, DE, PL, RU, IT, FR, ES, PT, NL, DA, FI, NO, SV, TR, run reserve	0.173	1
OEZ:43075	MAA-D16-002-A230	In 16 A, Uc AC 230 V, 2x make-and-break contact, weekly program, 2 channels, function astro, language CS, EN, DE, PL, RU, IT, FR, ES, PT, NL, DA, FI, NO, SV, TR, run reserve	0.197	1

Accessories for timers MAN-D, MAA-D

OEZ:43076	OD-MA-DK	data key, for digital program timer MAN-D., MAA-D..	0.015	1
OEZ:43077	OD-MA-USB	USB adapter, for data key OD-MA-DK, data key is included in the package	0.111	1

STAIR SWITCHES

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:37210	MQA-16-100-A230	In 16 A, Uc AC 230 V, 1x make contact, time range 0.5 ÷ 10 min	0.086	1
OEZ:37211	MQB-16-100-A230	In 16 A, Uc AC 230 V, 1x make contact, time range 0.5 ÷ 10 min, warning before end of timing	0.086	1
OEZ:37830	MQC-16-100-A230	In 16 A, Uc AC 230 V, 1x make contact, time range 3 ÷ 60 min, warning before end of timing	0.086	1
OEZ:45602	MQD-16-100-A230	In 16 A, Uc AC 230 V, 1x make contact, time range 0.5 ÷ 10 min	0.115	1



MQA-16-100-A230



MMR-X3-001-A230

MONITORING RELAY

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:43244	MMR-U3-001-A230	overvoltage, undervoltage and phase failure monitoring, Uc AC 230 V, 1x make-and-break contact 8 A	0.091	1
OEZ:43245	MMR-X3-001-A230	overvoltage, undervoltage, phase failure, phase sequence and asymmetry monitoring, Uc AC 230 V, 1x make-and-break contact 8 A	0.091	1



MMR-P1-001-A230

CURRENT MONITORS

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:45597	MMR-P1-001-A230	current setting range 0.1 ÷ 1 A, adjustable delay time 0 ÷ 15 min, hysteresis 10 %, Un AC 230 V, 1x make-and-break contact 16 A	0.088	1
OEZ:45598	MMR-P5-001-A230	current setting range 0.5 ÷ 5 A, adjustable delay time 0 ÷ 15 min, hysteresis 10 %, Un AC 230 V, 1x make-and-break contact 16 A	0.088	1
OEZ:45599	MMR-P25-001-A230	current setting range 2.5 ÷ 25 A, adjustable delay time 0 ÷ 15 min, hysteresis 10 %, Un AC 230 V, 1x make-and-break contact 16 A	0.098	1



MMR-HL-001-A230

LEVEL RELAY

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:43246	MMR-HL-001-A230	Uc AC 230 V, 1x make-and-break contact 16 A	0.091	1



MMR-T2-200-A230

THERMAL RELAY

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:43247	MMR-T1-001-A230	engine winding temperature monitoring, Uc AC 230 V, 1x make-and-break contact 8 A	0.081	1
OEZ:43248	MMR-T2-200-A230	monitoring of two temperatures, 2x make contact 16 A, Uc AC 230 V, temperature measuring range -25 ÷ +95 °C	0.211	1
OEZ:43249	MMR-TD-200-A230	differential thermostat, 2x make contact 16 A, Uc AC 230 V, number of functions 6, temperature measuring range -25 ÷ +95 °C	0.211	1

Thermal probes for thermal relay MMR-T2, MMR-TD

OEZ:43725	OD-MMR-T3N	for MMR-T2, MMR-TD, cable PVC 3 m, plastic terminal, up to 100 °C	0.050	1
OEZ:43726	OD-MMR-T3S	for MMR-T2, MMR-TD, silicone cable 3 m, metal terminal, up to 150 °C	0.050	1



OD-MMR-T3N



MSO-20-1



MSO-80-3

SWITCHES MSO

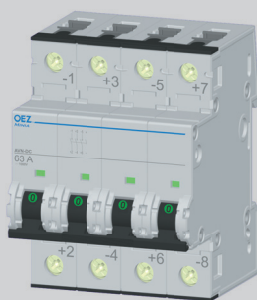
Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:42326	MSO-20-1	In 20 A, Ue AC 250 V, 1-pole	0.110	12
OEZ:42330	MSO-32-1	In 32 A, Ue AC 250 V, 1-pole	0.128	12
OEZ:42334	MSO-40-1	In 40 A, Ue AC 250 V, 1-pole	0.128	12
OEZ:42338	MSO-63-1	In 63 A, Ue AC 250 V, 1-pole	0.128	12
OEZ:42342	MSO-80-1	In 80 A, Ue AC 250 V, 1-pole	0.128	12
OEZ:42346	MSO-100-1	In 100 A, Ue AC 250 V, 1-pole	0.138	12
OEZ:42350	MSO-125-1	In 125 A, Ue AC 250 V, 1-pole	0.138	12
OEZ:42328	MSO-20-1N	In 20 A, Ue AC 250 V, 1+N-pole	0.228	6
OEZ:42332	MSO-32-1N	In 32 A, Ue AC 250 V, 1+N-pole	0.228	6
OEZ:42336	MSO-40-1N	In 40 A, Ue AC 250 V, 1+N-pole	0.228	6
OEZ:42340	MSO-63-1N	In 63 A, Ue AC 250 V, 1+N-pole	0.228	6
OEZ:42344	MSO-80-1N	In 80 A, Ue AC 250 V, 1+N-pole	0.228	6
OEZ:42348	MSO-100-1N	In 100 A, Ue AC 250 V, 1+N-pole	0.228	6
OEZ:42352	MSO-125-1N	In 125 A, Ue AC 250 V, 1+N-pole	0.228	6
OEZ:42327	MSO-20-3	In 20 A, Ue AC 250/440 V, 3-pole	0.328	4
OEZ:42331	MSO-32-3	In 32 A, Ue AC 250/440 V, 3-pole	0.350	4
OEZ:42335	MSO-40-3	In 40 A, Ue AC 250/440 V, 3-pole	0.350	4
OEZ:42339	MSO-63-3	In 63 A, Ue AC 250/440 V, 3-pole	0.350	4
OEZ:42343	MSO-80-3	In 80 A, Ue AC 250/440 V, 3-pole	0.350	4
OEZ:42347	MSO-100-3	In 100 A, Ue AC 250/440 V, 3-pole	0.380	4
OEZ:42351	MSO-125-3	In 125 A, Ue AC 250/440 V, 3-pole	0.380	4
OEZ:42329	MSO-20-3N	In 20 A, Ue AC 250/440 V, 3+N-pole	0.449	3
OEZ:42333	MSO-32-3N	In 32 A, Ue AC 250/440 V, 3+N-pole	0.458	3
OEZ:42337	MSO-40-3N	In 40 A, Ue AC 250/440 V, 3+N-pole	0.458	3
OEZ:42341	MSO-63-3N	In 63 A, Ue AC 250/440 V, 3+N-pole	0.458	3
OEZ:42345	MSO-80-3N	In 80 A, Ue AC 250/440 V, 3+N-pole	0.458	3
OEZ:42349	MSO-100-3N	In 100 A, Ue AC 250/440 V, 3+N-pole	0.498	3
OEZ:42353	MSO-125-3N	In 125 A, Ue AC 250/440 V, 3+N-pole	0.498	3



MSN-63-3

SWITCHES MSN

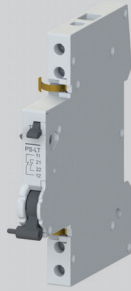
Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:44291	MSN-32-1	In 32 A, Ue AC 230 V, 1-pole	0.123	12
OEZ:44292	MSN-40-1	In 40 A, Ue AC 230 V, 1-pole	0.123	12
OEZ:44293	MSN-63-1	In 63 A, Ue AC 230 V, 1-pole	0.138	12
OEZ:44294	MSN-32-2	In 32 A, Ue AC 230/400 V, 2-pole	0.260	6
OEZ:44295	MSN-40-2	In 40 A, Ue AC 230/400 V, 2-pole	0.260	6
OEZ:44296	MSN-63-2	In 63 A, Ue AC 230/400 V, 2-pole	0.249	6
OEZ:44297	MSN-125-2	In 125 A, Ue AC 230/400 V, 2-pole	0.482	1
OEZ:44298	MSN-32-3	In 32 A, Ue AC 230/400 V, 3-pole	0.820	4
OEZ:44299	MSN-40-3	In 40 A, Ue AC 230/400 V, 3-pole	0.382	4
OEZ:44300	MSN-63-3	In 63 A, Ue AC 230/400 V, 3-pole	0.373	4
OEZ:44301	MSN-125-3	In 125 A, Ue AC 230/400 V, 3-pole	0.721	1
OEZ:44302	MSN-32-4	In 32 A, Ue AC 230/400 V, 4-pole	0.499	3
OEZ:44303	MSN-40-4	In 40 A, Ue AC 230/400 V, 4-pole	0.499	3
OEZ:44304	MSN-63-4	In 63 A, Ue AC 230/400 V, 4-pole	0.504	3
OEZ:44305	MSN-125-4	In 125 A, Ue AC 230/400 V, 4-pole	0.967	1



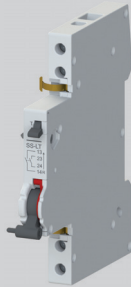
AVN-DC-63-4

SWITCHES FOR DC OPERATING VOLTAGE

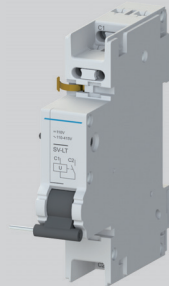
Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:39752	AVN-DC-63-4	In 63 A, Ue DC 1 000 V, 4-pole, width of 4 modules, replacement for 5TE2515-1	0.672	1



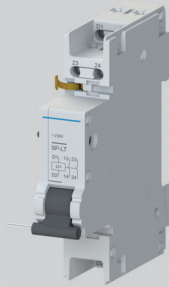
PS-LT-0200-TE



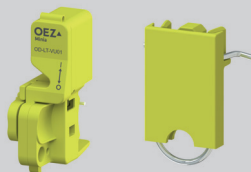
SS-LT-2000-TE-RE



SV-LT-X400

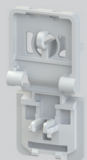


SP-LT-A230



OD-LT-VU01

OD-LT-VU02



OD-LT-VP01

ACCESSORIES

Code	Type	Description	Weight [kg]	Package [pcs]
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Auxiliary switches for switches MSO, MSN, AVN-DC

OEZ:42297	PS-LT-1100	1x make contact, 1x break contact, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSO, MSN, AVN-DC	0.065	1
OEZ:42300	PS-LT-1100-TE	1x make contact, 1x break contact, test button, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSO, MSN, AVN-DC	0.054	1
OEZ:42303	PS-LT-1100-MN	1x make contact, 1x break contact, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSO, MSN, AVN-DC	0.075	1
OEZ:42304	PS-LT-1100-MN-TE	1x make contact, 1x break contact, test button, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSO, MSN, AVN-DC	0.054	1
OEZ:42299	PS-LT-2000	2x make contact, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSO, MSN, AVN-DC	0.071	1
OEZ:42302	PS-LT-2000-TE	2x make contact, test button, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSO, MSN, AVN-DC	0.058	1
OEZ:42298	PS-LT-0200	2x break contact, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSO, MSN, AVN-DC	0.065	1
OEZ:42301	PS-LT-0200-TE	2x break contact, test button, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSO, MSN, AVN-DC	0.080	1

Signal switches for switches MSN

OEZ:42306	SS-LT-1100	1x make contact, 1x break contact, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSN	0.065	1
OEZ:42309	SS-LT-1100-TE-RE	1x make contact, 1x break contact, test button, reset, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSN	0.055	1
OEZ:42307	SS-LT-2000	2x make contact, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSN	0.075	1
OEZ:42310	SS-LT-2000-TE-RE	2x make contact, test button, reset, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSN	0.057	1
OEZ:42308	SS-LT-0200	2x break contact, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSN	0.078	1
OEZ:42311	SS-LT-0200-TE-RE	2x break contact, test button, reset, for LTP, LTK, LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSN	0.057	1

Shunt trips for switches MSN

OEZ:42312	SV-LT-X060	Ue AC/DC 24÷60 V, for LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSN	0.106	1
OEZ:42313	SV-LT-X400	Ue AC 110÷415 V / DC 110÷220 V, for LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSN	0.098	1

Undervoltage releases for switches MSN

OEZ:42315	SP-LT-A230	Ue AC 230 V, for LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSN	0.109	1
OEZ:42317	SP-LT-A230-2000	Ue AC 230 V, 2x make contact, for LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSN	0.123	1
OEZ:42319	SP-LT-D024	Ue DC 24 V, for LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSN	0.113	1
OEZ:42321	SP-LT-D024-2000	Ue DC 24 V, 2x make contact, for LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSN	0.117	1
OEZ:42320	SP-LT-D110	Ue DC 110 V, for LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSN	0.105	1
OEZ:42322	SP-LT-D110-2000	Ue DC 110 V, 2x make contact, for LTS, LVN, LTN-UC, LFE, LFN, OLI, OLE, MSN	0.128	1

Accessories for switches MSO, MSN, AVN-DC

OEZ:42324	OD-LT-VU01	locking insert, for MSN, AVN-DC	0.012	1
OEZ:42325	OD-LT-VU02	locking insert, for MSO	0.003	1
OEZ:42323	OD-LT-VP01	sealing insert, for MSO, MSN, AVN-DC	0.002	1



MSP-11

TUMBLER SWITCHES

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:35865	MSP-11	lth 25 A, Ue AC 230/400 V, 1x make contact, 1x break contact, width of 1 module	0.084	1
OEZ:35870	MSP-22	lth 25 A, Ue AC 230/400 V, 2x make contact, 2x break contact, width of 1 module	0.094	1
OEZ:35874	MSP-40	lth 25 A, Ue AC 230/400 V, 4x make contact,width of 1 module	0.094	1
OEZ:37262	MSP-11-SG-A230	lth 25 A, Ue AC 230/400 V, 1x make contact, 1x break contact, width of 1 module, with signalling - AC 230 V, white	0.094	1
OEZ:37263	MSP-20-SG-A230	lth 25 A, Ue AC 230/400 V, 2x make contact,width of 1 module, with signalling - AC 230 V, white	0.094	1
OEZ:35866	MSP-11N	lth 25 A, Ue AC 230/400 V, 1x make contact, 1x break contact, width of 1 module, for completion by indicator light	0.084	1
OEZ:35868	MSP-20N	lth 25 A, Ue AC 230/400 V, 2x make contact,width of 1 module, for completion by indicator light	0.084	1



MSK-10-SE

ROCKER-TYPEE SWITCHES AND CHANGE-OVER SWITCHES

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:35678	MSK-10	lth 16 A, Ue AC 250 V, DC 12 V, 1x make contact	0.065	1
OEZ:35679	MSK-10-SC	lth 16 A, Ue AC 250 V, 1x make contact, with signalling - red	0.065	1
OEZ:35680	MSK-10-SE	lth 16 A, Ue AC 250 V, 1x make contact, with signalling - green	0.065	1
OEZ:35682	MSK-001-1X2	lth 16 A, Ue AC 250 V, DC 12 V, 1x make-and-break contact	0.065	1
OEZ:35681	MSK-001-102	lth 16 A, Ue AC 250 V, DC 12 V, 1x make-and-break contact, with intermediate position	0.065	1
OEZ:35683	MSK-001-1T2	lth 16 A, Ue AC 250 V, DC 12 V, 1x make-and-break contact, with intermediate position, without arrestment	0.065	1



MST-11

PUSH-BUTTON SWITCHES

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:35554	MST-11	lth 25 A, Ue AC 230/400 V, 1x make contact, 1x break contact, switch on push-button - green, switch off button - red	0.084	1
OEZ:35555	MST-22	lth 25 A, Ue AC 230/400 V, 2x make contact, 2x break contact, switch on push-button - green, switch off button - red	0.120	1
OEZ:35556	MST-40	lth 25 A, Ue AC 230/400 V, 4x make contact, switch on push-button - green, switch off button - red	0.084	1



MTX-11-TB-SG-A230

CONTROL PUSH-BUTTONS

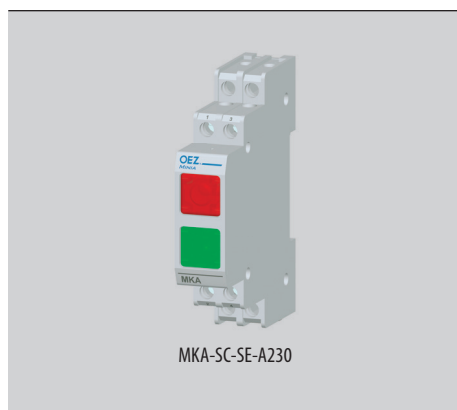
Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:37265	MTX-01-TB	lth 25 A, Ue AC 230 V, 1x break contact, push-button - black	0.072	1
OEZ:37266	MTX-01-TC	lth 25 A, Ue AC 230 V, 1x break contact, push-button - red	0.072	1
OEZ:37267	MTX-01-TE	lth 25 A, Ue AC 230 V, 1x break contact, push-button - green	0.072	1
OEZ:37268	MTX-10-TB	lth 25 A, Ue AC 230 V, 1x make contact, push-button - black	0.072	1
OEZ:37269	MTX-10-TC	lth 25 A, Ue AC 230 V, 1x make contact, push-button - red	0.072	1
OEZ:37270	MTX-10-TE	lth 25 A, Ue AC 230 V, 1x make contact, push-button - green	0.072	1
OEZ:37271	MTX-22-TB	lth 25 A, Ue AC 230 V, 2x make contact, 2x break contact, push-button - black	0.097	1
OEZ:37272	MTX-22-TC	lth 25 A, Ue AC 230 V, 2x make contact, 2x break contact, push-button - red	0.097	1
OEZ:37273	MTX-22-TE	lth 25 A, Ue AC 230 V, 2x make contact, 2x break contact, push-button - green	0.097	1
OEZ:37274	MTX-11-TB-SG-A230	lth 25 A, Ue AC 230 V, 1x make contact, 1x break contact, push-button - black, with signalling - AC 230 V, white	0.107	1
OEZ:37275	MTX-20-TB-SG-A230	lth 25 A, Ue AC 230 V, 2x make contact, push-button - black, with signalling - AC 230 V, white	0.107	1



MT2-11-TB

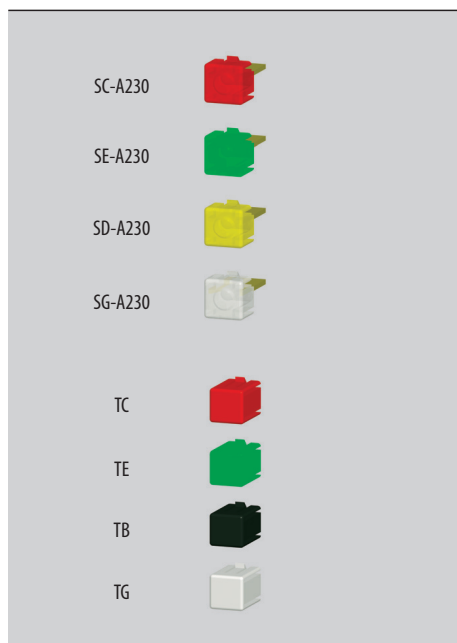
DOUBLE CONTROL PUSH-BUTTON

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:37264	MT2-11-TB	lth 25 A, Ue AC 230/400 V, 2x (1x make contact, 1x break contact), push-buttons - black	0.097	1



SIGNAL LIGHTS

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:37276	MKA-SC-A230	Ue AC 230 V, red	0.080	1
OEZ:37277	MKA-SC-X024	Ue AC/DC 24 V, red	0.080	1
OEZ:37278	MKA-SE-A230	Ue AC 230 V, green	0.080	1
OEZ:37279	MKA-SE-X024	Ue AC/DC 24 V, green	0.080	1
OEZ:37280	MKA-SG-A230	Ue AC 230 V, white	0.080	1
OEZ:37281	MKA-SC-SE-A230	Ue AC 230 V, red, green	0.090	1
OEZ:35558	MKA-1	for completion by indicator light	0.070	1
OEZ:35559	MKA-2	for completion by two indicator lights	0.070	1



ACCESSORIES FOR MSP, MST, MTX, MT2, MKA

Code	Type	Description	Weight [kg]	Package [pcs]
Indicator lights				
OEZ:11102	SC-A230	Ue AC 230 V, red, for MSP, MTX, MKA	0.003	12
OEZ:11104	SD-A230	Ue AC 230 V, yellow, for MSP, MTX, MKA	0.003	12
OEZ:11103	SE-A230	Ue AC 230 V, green, for MSP, MTX, MKA	0.003	12
OEZ:11101	SG-A230	Ue AC 230 V, white, for MSP, MTX, MKA	0.003	12
OEZ:11106	SC-X024	Ue AC/DC 24 V, red, for MSP, MTX, MKA	0.003	12
OEZ:11108	SD-X024	Ue AC/DC 24 V, yellow, for MSP, MTX, MKA	0.003	12
OEZ:11107	SE-X024	Ue AC/DC 24 V, green, for MSP, MTX, MKA	0.003	12
OEZ:11105	SG-X024	Ue AC/DC 24 V, white, for MSP, MTX, MKA	0.003	12

Push-buttons

OEZ:08932	TB	black, for MST, MTX, MT2	0.002	12
OEZ:08930	TC	red, for MST, MTX, MT2	0.002	12
OEZ:08931	TE	green, for MST, MTX, MT2	0.002	12
OEZ:08934	TG	white, for MST, MTX, MT2	0.002	12



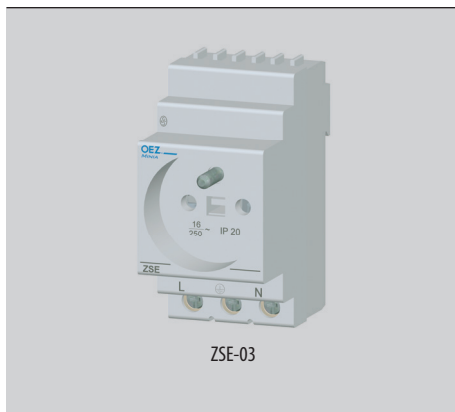
ELECTRIC BELLS

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:35692	UMZ-A230	Ue AC 230 V, modular design	0.075	1
OEZ:35691	UMZ-A012	Ue AC 8 ÷ 12 V, modular design	0.075	1



POWER SUPPLIES

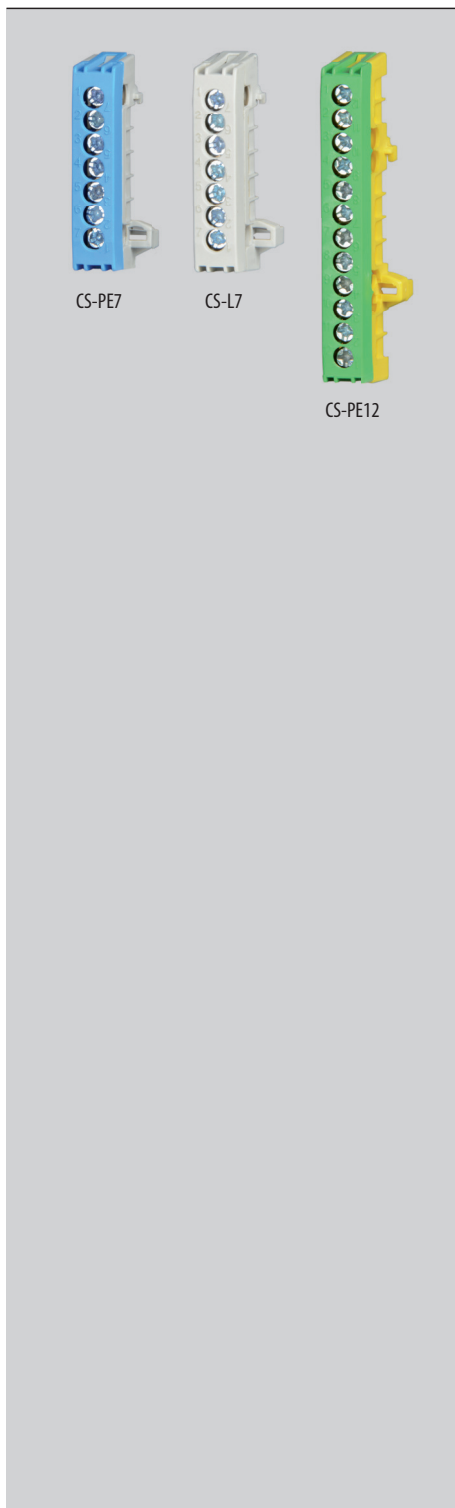
Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:35688	UTZ-4-A	bell transformer, power output 4 VA, Upri AC 230 V, Usec AC 6, 8, 12 V, short-circuit-proof design, width of 3 modules	0.475	1
OEZ:35685	UNZ-10T-X012	power supply, power output 10 VA, Upri AC 230 V, Usec AC/DC 12 V, PTC resistor protection, width of 3 modules	0.360	1
OEZ:35686	UNZ-10T-X024	power supply, power output 10 VA, Upri AC 230 V, Usec AC/DC 24 V, PTC resistor protection, width of 3 modules	0.360	1
OEZ:35687	UNZR-10T-X024	power supply, power output 10 VA, Upri AC 230 V, Usec AC 24 V, DC 1.2 ÷ 24 V, PTC resistor protection, with regulation, width of 3 modules	0.360	1



ZSE-03

SOCKET OUTLETS

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:37290	ZSE-03	In 16 A, Ue AC 230 V, with protective pin, bottom connection, width of 2.5 module	0.132	1
OEZ:37291	ZSE-06	In 16 A, Ue AC 230 V, with protective pin, bottom connection, top connection, width of 2.5 module	0.150	1
OEZ:37292	ZSF-03	In 16 A, Ue AC 230 V, design „schuko“, bottom connection, width of 2.5 module	0.132	1
OEZ:37293	ZSF-06	In 16 A, Ue AC 230 V, design „schuko“, bottom connection, top connection, width of 2.5 module	0.150	1



CS-PE7

CS-L7

CS-PE12

TERMINAL BOARD

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:35898	CS-L7	number of terminals 7, cross-section 16 mm ² , grey, with insulation cover	0.026	10
OEZ:35899	CS-L12	number of terminals 12, cross-section 16 mm ² , grey, with insulation cover	0.030	10
OEZ:35900	CS-L15	number of terminals 15, cross-section 16 mm ² , grey, with insulation cover	0.048	10
OEZ:35904	CS-PE7	number of terminals 7, cross-section 16 mm ² , green, with insulation cover	0.026	10
OEZ:35905	CS-PE12	number of terminals 12, cross-section 16 mm ² , green, with insulation cover	0.030	10
OEZ:35906	CS-PE15	number of terminals 15, cross-section 16 mm ² , green, with insulation cover	0.048	10
OEZ:35901	CS-N7	number of terminals 7, cross-section 16 mm ² , blue, with insulation cover	0.026	10
OEZ:35902	CS-N12	number of terminals 12, cross-section 16 mm ² , blue, with insulation cover	0.030	10
OEZ:35903	CS-N15	number of terminals 15, cross-section 16 mm ² , blue, with insulation cover	0.048	10

Moulded case circuit breakers BC160	B3
Moulded case circuit breakers BD250	B11
Moulded case circuit breakers BH630	B17
Moulded case circuit breakers BL1000, BL1600	B23

MOULDED CASE CIRCUIT BREAKERS

B





BC160NT305-160-D



BD250NE305 + SE-BD-0250-MTV8



BH630NE305 + SE-BH-0630-MTV8



BL1000SE305 + SE-BL-1000-U001



BL1600SE305 + SE-BL-1600-U001

Type		BC160N	BD250S BD250N	BH630S BH630N	BL1000S	BL1600S
Rated current	I_n	160 A	250 A	630 A	1 000 A	1 600 A
Rated operating voltage	U_e	AC 690 V, DC 250 V (3P), DC 440 V (4P)		AC 690 V	AC 690 V	AC 690 V
Rated frequency	f_n	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Utilization category		AC 690 V	A	A	A	A, B
Rated short-circuit ultimate breaking capacity	I_{cu}	25 kA / / AC 415 V	65 (36) kA / / AC 415 V	65 (36) kA / / AC 415 V	65 kA / / AC 415 V	65 kA / / AC 415 V
Rated short-time withstand current at $U_e = 690$ V AC	I_{cw}	—	2.5 kA/1 s	6.5 kA/1 s	15 kA/1 s	20 kA/1 s
Rated short-circuit making capacity	I_{cm}	52 kA / / AC 415 V	140 (75) kA / / AC 415 V	140 (75) kA / / AC 415 V	140 kA / / AC 415 V	140 kA / / AC 415 V
Overcurrent release		L, D, M, N	L001,DTV3, MTV8, MTV9	L001,DTV3, MTV8, MTV9	DTV3, MTV8, U001	DTV3, MTV8, U001
Dimensions W x H x D		75 x 135 x 70 mm	105 x 225 x 105 mm	140 x 275 x 105 mm	210 x 350 x 135 mm	210 x 350 x 135 mm
Number of poles		3, 4	3, 4	3, 4	3	3

Design and accessories

Residual current device	●	—	—	—	—
Monitoring relay	●	●	●	●	●
Plug-in design	—	●	●	—	—
Withdrawable design	—	●	●	●	●
Switch auxiliary/relative/signal	●/—/●	●/●/●	●/●/●	●/●/—	●/●/—
Shunt trip	●	●	●	●	●
Undervoltage release/ /with early contact	●/—	●/●	●/●	●/—	●/—
Hand drive/ /with adjustable lever	●/●	●/●	●/●	●/●	●/●
Motor drive	●	●	●	●	●

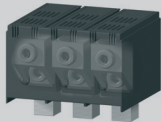
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Moulded case circuit breakers BC160N with accessories have been developed with financial assistance from the state budget through the Ministry of Industry and Trade.

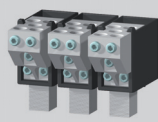
CONNECTING SETS

Block terminals



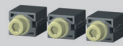
CS-BC-B021

Output terminals



CS-BC-B014

Front connection



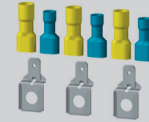
CS-BC-A011

Rear connection



CS-BC-A021

Potential terminals



CS-BC-PS01

Reduction for BA...*33-50, J21U50...



CS-BC-A033, CS-BC-AJ21

HAND DRIVES

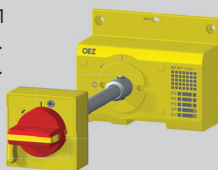
Hand drive unit - front

RP-BC-CK20
RP-BC-CP...



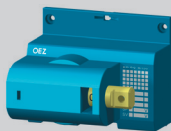
Hand drive unit - front

RP-BC-CK21
RP-BC-CH...
RP-BC-CN...



Hand drive unit - right side

RP-BC-CK30



Hand drive unit - left side

RP-BC-CK31



Mechanical parallel switching

RP-BC-CD10



Mechanical interlocking

RP-BC-CB10



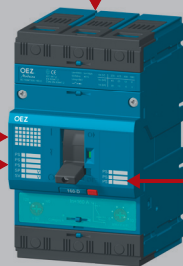
MOTOR DRIVES

Motor drive – side

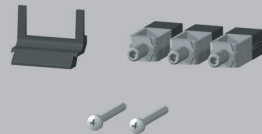
MP-BC-X...-B



CIRCUIT BREAKERS



BC160NT305-160-D



BC160NT305-160-L

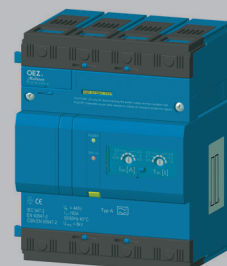


BC160NT305-100-M



BC160NT305-160-N

RESIDUAL CURRENT DEVICE



RCD-BC4-EA16

SWITCH-DISCONNECTOR



BC160NT305-160-V

AUXILIARY RELEASES

Shunt trip



SV-BC-X...

Undervoltage release



SP-BC-X...

SWITCHES

Signal switch



NS-BC-0010

Auxiliary switch



PS-BC-0010

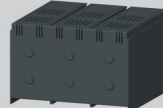
ACCESSORIES

Lockable lever



OD-BC-UP01

Terminal cover - IP20



OD-BC-KS03

Insulating barriers



CS-BC-KS02

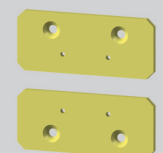
MOUNTING SETS

Adapter on "U" rail 35 mm



OD-BC-DIN1

Reduction for BA...*33, J21U50...



OD-BC-MS33
OD-BC-MS21



BC160NT305-160-D

CIRCUIT BREAKERS 3-pole design

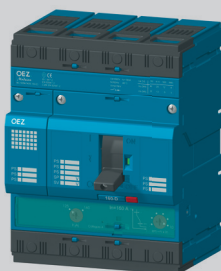
Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:20214	BC160NT305-40-L	3-pole, In 40 A, Icu 25 kA, line characteristic L, without setting Ir, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
OEZ:20216	BC160NT305-50-L	3-pole, In 50 A, Icu 25 kA, line characteristic L, without setting Ir, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
OEZ:20218	BC160NT305-63-L	3-pole, In 63 A, Icu 25 kA, line characteristic L, without setting Ir, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
OEZ:20221	BC160NT305-80-L	3-pole, In 80 A, Icu 25 kA, line characteristic L, without setting Ir, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
OEZ:20203	BC160NT305-100-L	3-pole, In 100 A, Icu 25 kA, line characteristic L, without setting Ir, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
OEZ:20205	BC160NT305-125-L	3-pole, In 125 A, Icu 25 kA, line characteristic L, without setting Ir, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
OEZ:20207	BC160NT305-160-L	3-pole, In 160 A, Icu 25 kA, line characteristic L, without setting Ir, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
OEZ:20209	BC160NT305-16-D	3-pole, In 16 A, Icu 25 kA, distribution characteristic D, setting Ir 12.5 ÷ 16 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
OEZ:20211	BC160NT305-20-D	3-pole, In 20 A, Icu 25 kA, distribution characteristic D, setting Ir 16 ÷ 20 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
OEZ:20212	BC160NT305-25-D	3-pole, In 25 A, Icu 25 kA, distribution characteristic D, setting Ir 20 ÷ 25 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
OEZ:20213	BC160NT305-32-D	3-pole, In 32 A, Icu 25 kA, distribution characteristic D, setting Ir 25 ÷ 32 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
OEZ:20215	BC160NT305-40-D	3-pole, In 40 A, Icu 25 kA, distribution characteristic D, setting Ir 32 ÷ 40 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
OEZ:20217	BC160NT305-50-D	3-pole, In 50 A, Icu 25 kA, distribution characteristic D, setting Ir 40 ÷ 50 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
OEZ:20219	BC160NT305-63-D	3-pole, In 63 A, Icu 25 kA, distribution characteristic D, setting Ir 50 ÷ 63 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
OEZ:20222	BC160NT305-80-D	3-pole, In 80 A, Icu 25 kA, distribution characteristic D, setting Ir 63 ÷ 80 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
OEZ:20204	BC160NT305-100-D	3-pole, In 100 A, Icu 25 kA, distribution characteristic D, setting Ir 80 ÷ 100 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
OEZ:20206	BC160NT305-125-D	3-pole, In 125 A, Icu 25 kA, distribution characteristic D, setting Ir 100 ÷ 125 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
OEZ:20208	BC160NT305-160-D	3-pole, In 160 A, Icu 25 kA, distribution characteristic D, setting Ir 125 ÷ 160 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
OEZ:20243	BC160NT305-16-M	3-pole, In 16 A, Icu 25 kA, motor characteristic M, setting Ir 12.5 ÷ 16 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
OEZ:20244	BC160NT305-20-M	3-pole, In 20 A, Icu 25 kA, motor characteristic M, setting Ir 16 ÷ 20 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
OEZ:20245	BC160NT305-25-M	3-pole, In 25 A, Icu 25 kA, motor characteristic M, setting Ir 20 ÷ 25 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
OEZ:20246	BC160NT305-32-M	3-pole, In 32 A, Icu 25 kA, motor characteristic M, setting Ir 25 ÷ 32 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
OEZ:20247	BC160NT305-40-M	3-pole, In 40 A, Icu 25 kA, motor characteristic M, setting Ir 32 ÷ 40 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
OEZ:20248	BC160NT305-50-M	3-pole, In 50 A, Icu 25 kA, motor characteristic M, setting Ir 40 ÷ 50 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
OEZ:20249	BC160NT305-63-M	3-pole, In 63 A, Icu 25 kA, motor characteristic M, setting Ir 50 ÷ 63 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
OEZ:20250	BC160NT305-80-M	3-pole, In 80 A, Icu 25 kA, motor characteristic M, setting Ir 63 ÷ 80 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
OEZ:20242	BC160NT305-100-M	3-pole, In 100 A, Icu 25 kA, motor characteristic M, setting Ir 80 ÷ 100 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
OEZ:20641	BC160NT305-32-N	3-pole, In 32 A, Icu 25 kA, characteristic N, only short-circuit release, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
OEZ:20642	BC160NT305-40-N	3-pole, In 40 A, Icu 25 kA, characteristic N, only short-circuit release, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
OEZ:20643	BC160NT305-50-N	3-pole, In 50 A, Icu 25 kA, characteristic N, only short-circuit release, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
OEZ:20644	BC160NT305-63-N	3-pole, In 63 A, Icu 25 kA, characteristic N, only short-circuit release, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
OEZ:20645	BC160NT305-80-N	3-pole, In 80 A, Icu 25 kA, characteristic N, only short-circuit release, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
OEZ:20646	BC160NT305-100-N	3-pole, In 100 A, Icu 25 kA, characteristic N, only short-circuit release, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
OEZ:20647	BC160NT305-125-N	3-pole, In 125 A, Icu 25 kA, characteristic N, only short-circuit release, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
OEZ:20621	BC160NT305-160-N	3-pole, In 160 A, Icu 25 kA, characteristic N, only short-circuit release, Cu/Al cables 2.5 ÷ 95 mm ²	1	1



BC160NT305-160-V

SWITCH-DISCONNECTOR 3-pole design

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:20585	BC160NT305-160-V	3-pole, I _e 160 A, U _e AC 690V (AC-23A) / DC 250V (DC-22A), Cu/Al cables 2.5 ÷ 95 mm ²	1	1



BC160NT405-160-D

CIRCUIT BREAKERS 3+N-pole design

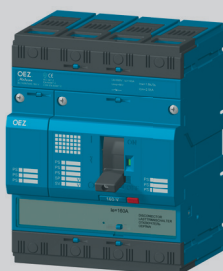
Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:33617	BC160NT405-16-D	3+N-pole, I _n 16 A, I _{cu} 25 kA, distribution characteristic D, setting I _r 12.5 ÷ 16 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
OEZ:33616	BC160NT405-20-D	3+N-pole, I _n 20 A, I _{cu} 25 kA, distribution characteristic D, setting I _r 16 ÷ 20 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
OEZ:33615	BC160NT405-25-D	3+N-pole, I _n 25 A, I _{cu} 25 kA, distribution characteristic D, setting I _r 20 ÷ 25 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
OEZ:33614	BC160NT405-32-D	3+N-pole, I _n 32 A, I _{cu} 25 kA, distribution characteristic D, setting I _r 25 ÷ 32 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
OEZ:33613	BC160NT405-40-D	3+N-pole, I _n 40 A, I _{cu} 25 kA, distribution characteristic D, setting I _r 32 ÷ 40 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
OEZ:33611	BC160NT405-50-D	3+N-pole, I _n 50 A, I _{cu} 25 kA, distribution characteristic D, setting I _r 40 ÷ 50 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
OEZ:33609	BC160NT405-63-D	3+N-pole, I _n 63 A, I _{cu} 25 kA, distribution characteristic D, setting I _r 50 ÷ 63 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
OEZ:33607	BC160NT405-80-D	3+N-pole, I _n 80 A, I _{cu} 25 kA, distribution characteristic D, setting I _r 63 ÷ 80 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
OEZ:33605	BC160NT405-100-D	3+N-pole, I _n 100 A, I _{cu} 25 kA, distribution characteristic D, setting I _r 80 ÷ 100 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
OEZ:33603	BC160NT405-125-D	3+N-pole, I _n 125 A, I _{cu} 25 kA, distribution characteristic D, setting I _r 100 ÷ 125 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
OEZ:33601	BC160NT405-160-D	3+N-pole, I _n 160 A, I _{cu} 25 kA, distribution characteristic D, setting I _r 125 ÷ 160 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1



BC160NT406-160-D

CIRCUIT BREAKERS 4-pole design

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:33644	BC160NT406-16-D	4-pole, In 16 A, Icu 25 kA, distribution characteristic D, setting Ir 12.5 ÷ 16 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
OEZ:33643	BC160NT406-20-D	4-pole, In 20 A, Icu 25 kA, distribution characteristic D, setting Ir 16 ÷ 20 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
OEZ:33642	BC160NT406-25-D	4-pole, In 25 A, Icu 25 kA, distribution characteristic D, setting Ir 20 ÷ 25 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
OEZ:33641	BC160NT406-32-D	4-pole, In 32 A, Icu 25 kA, distribution characteristic D, setting Ir 25 ÷ 32 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
OEZ:33640	BC160NT406-40-D	4-pole, In 40 A, Icu 25 kA, distribution characteristic D, setting Ir 32 ÷ 40 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
OEZ:33638	BC160NT406-50-D	4-pole, In 50 A, Icu 25 kA, distribution characteristic D, setting Ir 40 ÷ 50 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
OEZ:33636	BC160NT406-63-D	4-pole, In 63 A, Icu 25 kA, distribution characteristic D, setting Ir 50 ÷ 63 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
OEZ:33634	BC160NT406-80-D	4-pole, In 80 A, Icu 25 kA, distribution characteristic D, setting Ir 63 ÷ 80 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
OEZ:33632	BC160NT406-100-D	4-pole, In 100 A, Icu 25 kA, distribution characteristic D, setting Ir 80 ÷ 100 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
OEZ:33630	BC160NT406-125-D	4-pole, In 125 A, Icu 25 kA, distribution characteristic D, setting Ir 100 ÷ 125 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
OEZ:33628	BC160NT406-160-D	4-pole, In 160 A, Icu 25 kA, distribution characteristic D, setting Ir 125 ÷ 160 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1



BC160NT405-160-V

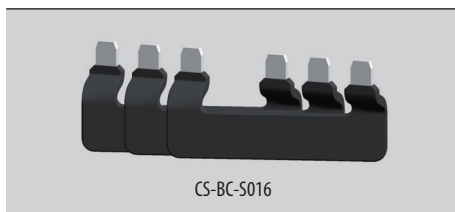
SWITCH-DISCONNECTOR 4-pole design

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:33626	BC160NT405-160-V	4-pole, Ie 160 A, Ue AC 690 V (AC-23A) / DC 440 V (DC-22A), Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1



RESIDUAL CURRENT DEVICES

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:37745	RCD-BC3-EF06	3-pole, In 63 A, I Δ n 0.3 A, with interconnecting busbars, Cu/Al cables 2.5 ÷ 95 mm ² , for BC160	1.44	1
OEZ:37746	RCD-BC3-EF16	3-pole, In 160 A, I Δ n 0.3 A, with interconnecting busbars, Cu/Al cables 2.5 ÷ 95 mm ² , for BC160	1.65	1
OEZ:37747	RCD-BC3-EA06	3-pole, In 63 A, I Δ n 0.03 ÷ 3 A, with interconnecting busbars, Cu/Al cables 2.5 ÷ 95 mm ² , for BC160	1.44	1
OEZ:37748	RCD-BC3-EA16	3-pole, In 160 A, I Δ n 0.03 ÷ 3 A, with interconnecting busbars, Cu/Al cables 2.5 ÷ 95 mm ² , for BC160	1.65	1
OEZ:37753	RCD-BC4-EF06	4-pole, In 63 A, I Δ n 0.3 A, with interconnecting busbars, Cu/Al cables 2.5 ÷ 95 mm ² , for BC160	1.76	1
OEZ:37754	RCD-BC4-EF16	4-pole, In 160 A, I Δ n 0.3 A, with interconnecting busbars, Cu/Al cables 2.5 ÷ 95 mm ² , for BC160	2.03	1
OEZ:37755	RCD-BC4-EA06	4-pole, In 63 A, I Δ n 0.03 ÷ 3 A, with interconnecting busbars, Cu/Al cables 2.5 ÷ 95 mm ² , for BC160	1.76	1
OEZ:37756	RCD-BC4-EA16	4-pole, In 160 A, I Δ n 0.03 ÷ 3 A, with interconnecting busbars, Cu/Al cables 2.5 ÷ 95 mm ² , for BC160	2.03	1
OEZ:37761	RCD-BC0-EF16	4-pole, In 160 A, I Δ n 0.3 A, without interconnecting busbars, Cu/Al cables 2.5 ÷ 95 mm ² , for BC160	1.28	1
OEZ:37762	RCD-BC0-EA16	4-pole, In 160 A, I Δ n 0.03 ÷ 3 A, without interconnecting busbars, Cu/Al cables 2.5 ÷ 95 mm ² , for BC160	1.28	1
OEZ:38375	RCD-BC0-EF06	4-pole, In 63 A, I Δ n 0.3 A, without interconnecting busbars, Cu/Al cables 2.5 ÷ 95 mm ² , for BC160	1.28	1
OEZ:38376	RCD-BC0-EA06	4-pole, In 63 A, I Δ n 0.03 ÷ 3 A, without interconnecting busbars, Cu/Al cables 2.5 ÷ 95 mm ² , for BC160	1.28	1



CONNECTING SETS FOR RESIDUAL CURRENT DEVICE

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:38379	CS-BC-S006	interconnecting busbars, In 63 A, 3 pcs, for RCD-BC	0.17	1
OEZ:38380	CS-BC-S016	interconnecting busbars, In 160 A, 3 pcs, for RCD-BC	0.44	1
OEZ:38383	CS-BC-S406	interconnecting busbars, In 63 A, 4 pcs, for RCD-BC	0.21	1
OEZ:38384	CS-BC-S416	interconnecting busbars, In 160 A, 4 pcs, for RCD-BC	0.64	1



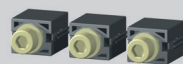
RESIDUAL CURRENT MONITOR

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:42658	5SV8000-6KK	analog design, setting I Δ n and t Δ n	0.18	1
OEZ:42659	5SV8001-6KK	digital design, setting I Δ n and t Δ n	0.26	1
OEZ:42660	5SV8200-6KK	digital design, setting I Δ n and t Δ n, 4 channels	0.26	1

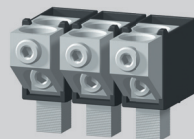


CURRENT TRANSFORMERS FOR RESIDUAL CURRENT MONITOR

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:42661	5SV8700-0KK	internal diameter 20 mm, including holder on "U" rail according to EN 60715 wide 35 mm	0.09	1
OEZ:42662	5SV8701-0KK	internal diameter 30 mm, including holder on "U" rail according to EN 60715 wide 35 mm	0.11	1
OEZ:42663	5SV8702-0KK	internal diameter 35 mm, including holder on the panel	0.20	1
OEZ:42664	5SV8703-0KK	internal diameter 70 mm, including holder on the panel	0.31	1
OEZ:42665	5SV8704-0KK	internal diameter 105 mm, including holder on the panel	0.60	1
OEZ:42666	5SV8705-0KK	internal diameter 140 mm, including holder on the panel	1.35	1
OEZ:42667	5SV8706-0KK	internal diameter 210 mm, including holder on the panel	2.25	1
OEZ:42668	5SV8 900-1KK	Holder on "U" rail according to EN 60715 wide 35 mm for current transformers with internal diameter up to and including 105 mm	0.01	2



CS-BC-A011



CS-BC-B021

CONNECTING SETS

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:20223	CS-BC-A011	front connection, Cu/Al busbars / cable lugs / flexibars, 3 pcs, for BC160	0.05	1
OEZ:20237	CS-BC-B021	block terminals, Cu/Al cables, 2x (25 ÷ 120) mm ² , 3 pcs, for BC160	0.18	1
OEZ:20236	CS-BC-A021	rear connection, Cu/Al busbars / cable lugs, 3 pcs, for BC160	0.18	1
OEZ:20239	CS-BC-PS01	potential terminals, Cu conductors, 1.5 ÷ 2.5 / 4 ÷ 6 mm ² , 3 pcs, for BC160	0.01	1
OEZ:20608	CS-BC-A033	replacement BA*33-50, front connection, Cu/Al busbars / cable lugs, 3 pcs, for BC160	0.10	1
OEZ:43710	CS-BC-AJ21	replacement J21U50, front connection, Cu/Al busbars / cable lugs, 3 pcs, for BC160	1.00	1
OEZ:33653	CS-BC-A411	front connection, Cu/Al busbars / cable lugs / flexibars, 1 pc, for BC160	0.02	1
OEZ:33654	CS-BC-A421	rear connection, Cu/Al busbars / cable lugs, 1 pc, for BC160	0.08	1
OEZ:33658	CS-BC-B421	block terminals, Cu/Al cables, 2x (25 ÷ 120) mm ² , 4 pcs, for BC160	0.25	1
OEZ:34957	CS-BC-B014	block terminals, Cu/Al cables, 5x (2.5 ÷ 25) mm ² , 3 pcs, for BC160	0.18	1
OEZ:34958	CS-BC-B414	block terminals Cu/Al cables 5x (2.5 ÷ 25) mm ² , 4 pcs, for BC160	0.24	1
OEZ:36030	CS-BC-PS41	potential terminals, Cu conductors, 1.5 ÷ 2.5 / 4 ÷ 6 mm ² , 1 pc, for BC160	0.01	1
OEZ:20622	CS-BC-T011	clamp terminals, Cu/Al cables, 2.5 ÷ 95 mm ² , up to 125 A, 3 pcs, for BC160	0,09	1
OEZ:20623	CS-BC-T012	clamp terminals, Cu/Al cables, 2.5 ÷ 95 mm ² , up to 160 A, 3 pcs, for BC160	0,09	1



OD-BC-DIN1

MOUNTING SETS

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:20238	OD-BC-DIN1	adapter on "U" rail, for BC160	0.05	1
OEZ:43711	OD-BC-MS21	replacement J21U50, front connection, for BC160	0.90	1
OEZ:20625	OD-BC-MS33	replacement BA*33-50, front connection, for BC160	0.13	1



PS-BC-0010

SWITCHES

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:20227	PS-BC-0010	1x CO, AC/DC 60 ÷ 250 V, for BC160	0.10	1
OEZ:20228	PS-BC-0010-Au	1x CO, AC/DC 5 ÷ 60 V, for BC160	0.10	1
OEZ:20225	NS-BC-0010	1x CO, AC/DC 60 ÷ 250 V, for BC160	0.10	1
OEZ:20226	NS-BC-0010-Au	1x CO, AC/DC 5 ÷ 60 V, for BC160	0.10	1



SV-BC-X230

SHUNT TRIPS

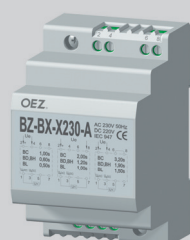
Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:20233	SV-BC-X024	AC/DC 24, 48 V, for BC160	0.05	1
OEZ:20234	SV-BC-X110	AC/DC 110 V, for BC160	0.05	1
OEZ:20235	SV-BC-X230	AC 230, 400 V / DC 220 V, for BC160	0.05	1



SP-BC-X230

UNDERVOLTAGE RELEASES

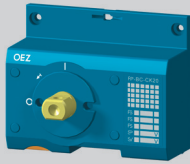
Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:20229	SP-BC-X024	AC/DC 24, 48 V, for BC160	0.05	1
OEZ:20231	SP-BC-X110	AC/DC 110 V, for BC160	0.05	1
OEZ:20232	SP-BC-X230	AC 230, 400 V / DC 220 V, for BC160	0.05	1



BZ-BX-X230-A

DELAY UNIT

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:36696	BZ-BX-X230-A	for undervoltage releases, AC 230 V / DC 220 V, for SP-BC-..., SP-BD-..., SP-BH-..., SP-BL-...	0.12	1



RP-BC-CK20



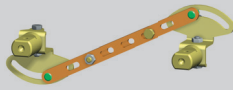
RP-BC-CP21



RP-BC-CN20

HAND DRIVES

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:20560	RP-BC-CK10	hand drive unit, for BC160	0.079	1
OEZ:20593	RP-BC-CK20	hand drive unit, with locking, for BC160	0.079	1
OEZ:20594	RP-BC-CK21	hand drive unit, with locking, label - yellow, for BC160	0.079	1
OEZ:20595	RP-BC-CK30	hand drive unit, side control right, for BC160	0.137	1
OEZ:20596	RP-BC-CK31	hand drive unit, side control left, for BC160	0.137	1
OEZ:20561	RP-BC-CP10	hand drive lever, black, for BC160	0.019	1
OEZ:20562	RP-BC-CP20	hand drive lever, black, with locking, for BC160	0.019	1
OEZ:20597	RP-BC-CP21	hand drive lever, red, with locking, for BC160	0.019	1
OEZ:20564	RP-BC-CN10	hand drive bearing, IP40, label - black, for BC160	0.042	1
OEZ:20565	RP-BC-CN20	hand drive bearing, IP66, label - black, for BC160	0.042	1
OEZ:20598	RP-BC-CN11	hand drive bearing, IP40, label - yellow, for BC160	0.042	1
OEZ:20599	RP-BC-CN21	hand drive bearing, IP66, label - yellow, for BC160	0.042	1
OEZ:20563	RP-BC-CH10	extension shaft, for BC160	0.113	1
OEZ:20600	RP-BC-CH20	extension shaft, telescopic design, for BC160	0.920	1



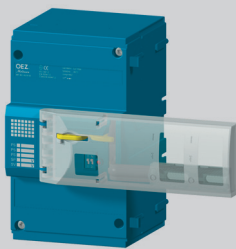
RP-BC-CB10



RP-BC-CD10

MECHANICAL INTERLOCKING AND PARALLEL SWITCHING

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:20601	RP-BC-CB10	mechanical interlocking, for front hand drive, for BC160	0.089	1
OEZ:20602	RP-BC-CD10	mechanical parallel switching, for front hand drive, for BC160	0.109	1



MP-BC-X230-B

MOTOR DRIVES

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:34450	MP-BC-X024-B	side control, AC/DC 24 V, for BC160	0.9	1
OEZ:34451	MP-BC-X048-B	side control, AC/DC 48 V, for BC160	0.9	1
OEZ:34452	MP-BC-X110-B	side control, AC/DC 110 V, for BC160	0.9	1
OEZ:34453	MP-BC-X230-B	side control, AC 230 V / DC 220 V, for BC160	0.9	1



OD-BC-KS02

ACCESSORIES

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:20224	OD-BC-KS02	insulating barriers, 2 pcs, for BC160	0.03	1
OEZ:20240	OD-BC-KS03	terminal cover, IP20, 3-pole, for BC160	0.05	1
OEZ:20241	OD-BC-UP01	lockable lever, for BC160	0.005	1
OEZ:34454	OD-BC-KA02-A	extension cable 0.6 m, for motor drive, for BC160	0.1	1
OEZ:33660	OD-BC-KS42	insulating barrier, 1 pc, for BC160	0.015	1
OEZ:33661	OD-BC-KS43	terminal cover, IP20, 4-pole, for BC160	0.07	1
OEZ:37510	OD-BC-KA02-B	extension cable 3 m for motor drive, for BC160	0.4	1

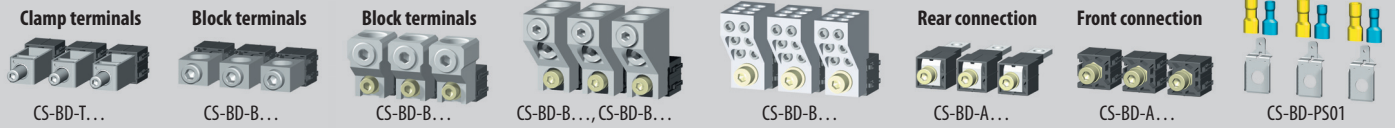
SPARE PARTS

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:34456	OD-BC-SP01	control lever, for BC160	0.002	1
OEZ:20606	OD-BC-DV01	conductor holder, for BC160	0.001	1
OEZ:20607	OD-BC-MS01	mounting set, set of screws M3x30, 2 pcs, for BC160	0.005	1
OEZ:33656	CS-BC-T411	clamp terminals, Cu/Al cables 25 ÷ 95 mm ² , up to 125 A, 1 pc, for BC160	0.03	1
OEZ:33657	CS-BC-T412	clamp terminals, Cu/Al cables 25 ÷ 95 mm ² , up to 160 A, 1 pc, for BC160	0.03	1
OEZ:20624	OD-BC-KS01	terminal cover, upper or lower terminals, 3-pole, 1 pc, for BC160	0.01	1
OEZ:33659	OD-BC-KS41	terminal cover, upper or lower terminals, 4-pole, 1 pc, for BC160	0.015	1
OEZ:37798	OD-BC-KON2	connector and sockets, for MP-BC-X...-B	0.1	1

NOTES

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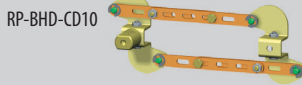
CONNECTING SETS



HAND DRIVES



Mechanical parallel switching



Mechanical interlocking



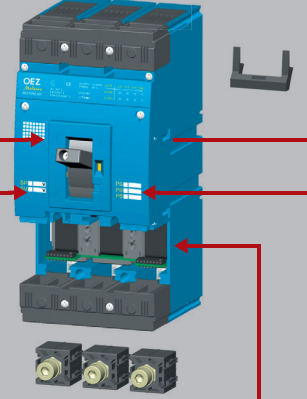
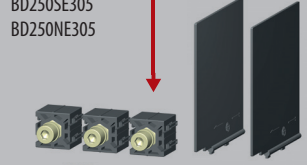
Mechanical blocking with bowden cable



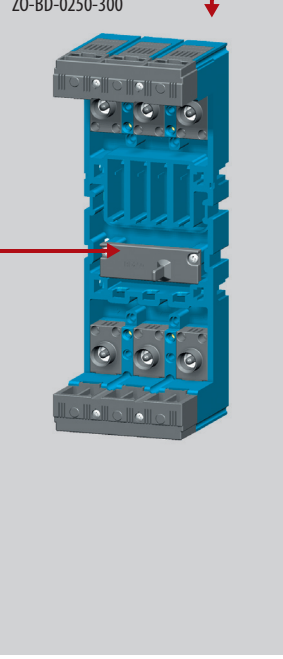
MOTOR DRIVES



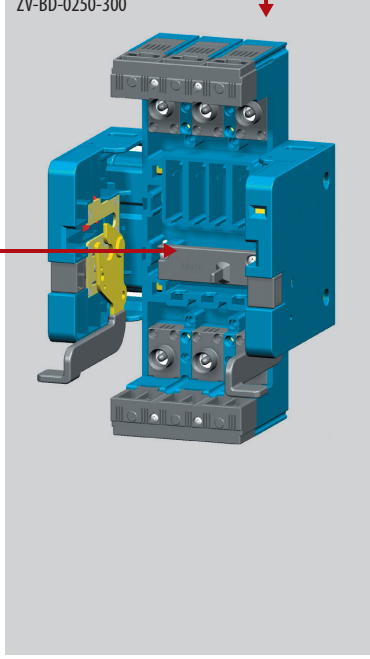
SWITCHING UNIT



PLUG-IN DEVICE



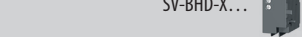
WITHDRAWABLE DEVICE



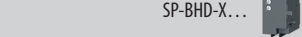
SWITCHES PS-BHD-...



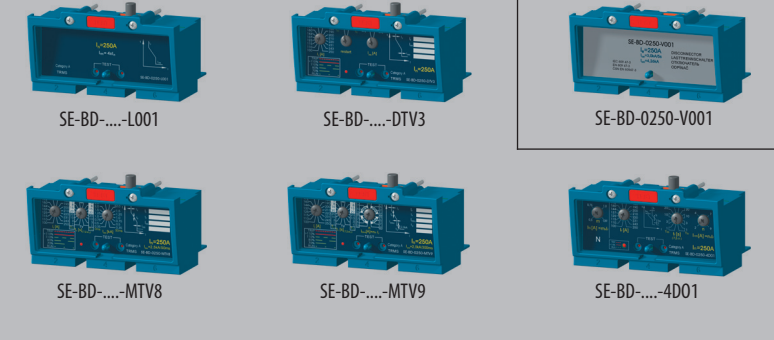
SHUNT TRIP



UNDERVOLTAGE RELEASE



OVERCURRENT RELEASES



SWITCH-DISCONNECTOR UNIT



ACCESSORIES FOR ZO... AND ZV... Connecting cable

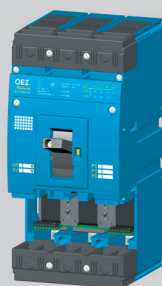


Signalling of position



ACCESSORIES





BD250NE305

SWITCHING UNITS 3-pole design

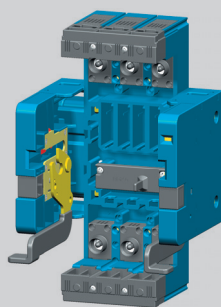
Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:14414	BD250NE305	3-pole, Iu 250 A, Icu 36 kA, for BD250	2.84	1
OEZ:14415	BD250SE305	3-pole, Iu 250 A, Icu 65 kA, for BD250	2.84	1

SWITCHING UNITS 3+N-pole design

OEZ:19571	BD250NE405	3+N-pole, Iu 250 A, Icu 36 kA, for BD250	3.7	1
OEZ:19573	BD250SE405	3+N-pole, Iu 250 A, Icu 65 kA, for BD250	3.7	1

SWITCHING UNITS 4-pole design

OEZ:19572	BD250NE406	4-pole, Iu 250 A, Icu 36 kA, for BD250	3.9	1
OEZ:19574	BD250SE406	4-pole, Iu 250 A, Icu 65 kA, for BD250	3.9	1



ZV-BD-0250-300

PLUG-IN DEVICES

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:14558	ZO-BD-0250-300	3-pole, for BD250	1.6	1
OEZ:20651	ZO-BD-0250-400	3+N-pole, 4-pole, for BD250	2.1	1

WITHDRAWABLE DEVICES

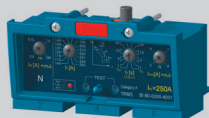
Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:14557	ZV-BD-0250-300	3-pole, for BD250	2.7	1
OEZ:20652	ZV-BD-0250-400	3+N-pole, 4-pole, for BD250	3.2	1



SE-BD-0250-DTV3

OVERCURRENT RELEASES for 3-pole and 3+N-pole design

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:20612	SE-BD-0160-L001	line characteristic L, In 160 A, without setting Ir, for BD250	0.317	1
OEZ:20666	SE-BD-0200-L001	line characteristic L, In 200 A, without setting Ir, for BD250	0.317	1
OEZ:20613	SE-BD-0250-L001	line characteristic L, In 250 A, without setting Ir, for BD250	0.317	1
OEZ:24300	SE-BD-0100-DTV3	distribution characteristic D, In 100 A, setting Ir 40 ÷ 100 A, for BD250	0.317	1
OEZ:24200	SE-BD-0160-DTV3	distribution characteristic D, In 160 A, setting Ir 63 ÷ 160 A, for BD250	0.317	1
OEZ:24100	SE-BD-0250-DTV3	distribution characteristic D, In 250 A, setting Ir 100 ÷ 250 A, for BD250	0.317	1
OEZ:24310	SE-BD-0100-MTV8	motor characteristic M, In 100 A, setting Ir 40 ÷ 100 A, for BD250	0.317	1
OEZ:24210	SE-BD-0160-MTV8	motor characteristic M, In 160 A, setting Ir 63 ÷ 160 A, for BD250	0.317	1
OEZ:24110	SE-BD-0250-MTV8	motor characteristic M, In 250 A, setting Ir 100 ÷ 250 A, for BD250	0.317	1
OEZ:17304	SE-BD-0100-MTV9	motor characteristic M, time selectivity, In 100 A, setting Ir 40 ÷ 100 A, for BD250	0.317	1
OEZ:19569	SE-BD-0160-MTV9	motor characteristic M, time selectivity, In 160 A, setting Ir 63 ÷ 160 A, for BD250	0.317	1
OEZ:19570	SE-BD-0250-MTV9	motor characteristic M, time selectivity, In 250 A, setting Ir 100 ÷ 250 A, for BD250	0.317	1



SE-BD-0250-4D01

OVERCURRENT RELEASES for 4-pole design

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:33423	SE-BD-0100-4D01	distribution characteristic D, In 100 A, setting Ir 40 ÷ 100 A, for BD250	0.327	1
OEZ:33424	SE-BD-0160-4D01	distribution characteristic D, In 160 A, setting Ir 63 ÷ 160 A, for BD250	0.327	1
OEZ:33425	SE-BD-0250-4D01	distribution characteristic D, In 250 A, setting Ir 100 ÷ 250 A, for BD250	0.327	1



SE-BD-0250-V001

SWITCH-DISCONNECTOR UNIT

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:24120	SE-BD-0250-V001	for BD250	0.267	1



ZES4

TESTER OF OVERCURRENT RELEASES

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:17273	ZES4	for BD250, BH630, BL1000 and BL1600	3.75	1



5SV8000-6KK

5SV8200-6KK

RESIDUAL CURRENT MONITOR

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:42658	5SV8000-6KK	analog design, setting $I_{\Delta n}$ and $t_{\Delta n}$	0.18	1
OEZ:42659	5SV8001-6KK	digital design, setting $I_{\Delta n}$ and $t_{\Delta n}$	0.26	1
OEZ:42660	5SV8200-6KK	digital design, setting $I_{\Delta n}$ and $t_{\Delta n}$, 4 channels	0.26	1



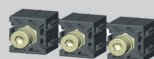
5SV8700-0KK

5SV8706-0KK

5SV8900-1KK

CURRENT TRANSFORMERS FOR RESIDUAL CURRENT MONITOR

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:42661	5SV8700-0KK	internal diameter 20 mm, including holder on "U" rail according to EN 60715 wide 35 mm	0.09	1
OEZ:42662	5SV8701-0KK	internal diameter 30 mm, including holder on "U" rail according to EN 60715 wide 35 mm	0.11	1
OEZ:42663	5SV8702-0KK	internal diameter 35 mm, including holder on the panel	0.2	1
OEZ:42664	5SV8703-0KK	internal diameter 70 mm, including holder on the panel	0.31	1
OEZ:42665	5SV8704-0KK	internal diameter 105 mm, including holder on the panel	0.6	1
OEZ:42666	5SV8705-0KK	internal diameter 140 mm, including holder on the panel	1.35	1
OEZ:42667	5SV8706-0KK	internal diameter 210 mm, including holder on the panel	2.25	1
OEZ:42668	5SV8 900-1KK	Holder on "U" rail according to EN 60715 wide 35 mm for current transformers with internal diameter up to and including 105 mm	0.01	2



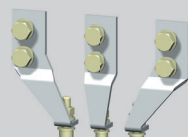
CS-BD-A011



CS-BD-B014



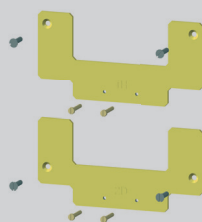
CS-BD-A037



CS-BD-Z039

CONNECTING SETS

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:24810	CS-BD-T011	clamp terminals, Cu cables / flexibars 16 ÷ 150 mm ² , 3 pcs, for BD250	0.240	1
OEZ:24751	CS-BD-B011	block terminals, Cu/Al cables 16 ÷ 150 mm ² , 3 pcs, for BD250	0.210	1
OEZ:17534	CS-BD-B012	block terminals, Cu/Al cables 150 ÷ 240 mm ² , 3 pcs, for BD250	0.200	1
OEZ:24752	CS-BD-B021	block terminals, Cu/Al cables 2x (16 ÷ 150) mm ² , 3 pcs, for BD250	0.510	1
OEZ:13808	CS-BD-B022	block terminals, Cu/Al cables 2x (150 ÷ 240) mm ² , 3 pcs, for BD250	0.620	1
OEZ:20119	CS-BD-B014	block terminals, Cu/Al cables 6x (6 ÷ 35) mm ² , 3 pcs, for BD250	0.300	1
OEZ:24770	CS-BD-A021	rear connection, Cu/Al busbars / cable lugs, 3 pcs, for BD250	0.237	1
OEZ:13682	CS-BD-PS01	potential terminals, Cu conductors 1.5 ÷ 2.5 / 4 ÷ 6 mm ² , 3 pcs, for BD250	0.017	1
OEZ:24750	CS-BD-A011	front connection, Cu/Al busbars / cable lugs / flexibars, 3 pcs, for BD250	0.120	1
OEZ:19578	CS-BD-T411	clamp terminals, Cu cables / flexibars 16 ÷ 150 mm ² , 1 pc, for BD250	0.080	1
OEZ:19582	CS-BD-B411	block terminals, Cu/Al cables 16 ÷ 150 mm ² , 1 pc, for BD250	0.070	1
OEZ:19577	CS-BD-B412	block terminals, Cu/Al cables 150 ÷ 240 mm ² , 1 pc, for BD250	0.070	1
OEZ:19579	CS-BD-B421	block terminals, Cu/Al cables 2x (16 ÷ 150) mm ² , 1 pc, for BD250	0.170	1
OEZ:19580	CS-BD-B422	block terminals, Cu/Al cables 2x (150 ÷ 240) mm ² , 1 pc, for BD250	0.210	1
OEZ:21170	CS-BD-B414	block terminals, Cu/Al cables 6x (6 ÷ 35) mm ² , 1 pc, for BD250	0.100	1
OEZ:19581	CS-BD-A421	rear connection, Cu/Al busbars / cable lugs, 1 pc, for BD250	0.080	1
OEZ:24772	CS-BD-A037	replacement BA*37-50, front connection Cu/Al busbars / cable lugs, 3 pcs, for BD250	0.300	1
OEZ:24771	CS-BD-A039	replacement BA*39-50/ J2UX, front connection Cu/Al busbars / cable lugs, 3 pcs, for BD250	0.447	1
OEZ:18201	CS-BD-Z039	replacement BA*39/ J2UX, rear connection Cu/Al busbars / cable lugs, 3 pcs, for BD250	0.739	1
OEZ:18023	CS-BD-JX75	replacement J2UX75/ BA...*39, front connection withdrawable design Cu/Al busbars / cable lugs, 3 pcs, for BD250	0.558	1
OEZ:18024	CS-BD-JT75	replacement J2UX75T, front connection withdrawable design Cu/Al busbars / cable lugs, 3 pcs, for BD250	0.711	1
OEZ:36031	CS-BD-PS41	potential terminals, Cu conductors 1.5 ÷ 2.5 / 4 ÷ 6 mm ² , 1 pc, for BD250	0.005	1



OD-BD-MT75

MOUNTING SETS

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:18203	OD-BD-MZ39	replacement J2UX / BA...39, rear connection, for BD250	1.255	1
OEZ:33330	OD-BD-MT75	replacement J2UX75T, front connection, withdrawable design, for BD250	0.500	1
OEZ:24741	OD-BHD-MS39	replacement J2UX/BA...39, front connection, for BH630/BD250	0.700	1
OEZ:14563	OD-BHD-MS75	replacement J2UX75/BA...*39-75, front connection, withdrawable design, for BH630/BD250	0.446	1



PS-BHD-1100



PS-BHD-0010

SWITCHES

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:24700	PS-BHD-1000	1x NO, AC/DC 60 ÷ 500 V, for BH630/BD250	0.012	1
OEZ:24702	PS-BHD-1000-Au	1x NO, AC/DC 5 ÷ 60 V, for BH630/BD250	0.012	1
OEZ:24701	PS-BHD-0100	1x NC, AC/DC 60 ÷ 500 V, for BH630/BD250	0.013	1
OEZ:24703	PS-BHD-0100-Au	1x NC, AC/DC 5 ÷ 60 V, for BH630/BD250	0.013	1
OEZ:13690	PS-BHD-0200	2x NC, AC/DC 60 ÷ 500 V, for BH630/BD250	0.026	1
OEZ:13693	PS-BHD-0200-Au	2x NC, AC/DC 5 ÷ 60 V, for BH630/BD250	0.026	1
OEZ:13691	PS-BHD-1100	1x NO + 1x NC, AC/DC 60 ÷ 500 V, for BH630/BD250	0.025	1
OEZ:13694	PS-BHD-1100-Au	1x NO + 1x NC, AC/DC 5 ÷ 60 V, for BH630/BD250	0.025	1
OEZ:13689	PS-BHD-2000	2x NO, AC/DC 60 ÷ 500 V, for BH630/BD250	0.024	1
OEZ:13692	PS-BHD-2000-Au	2x NO, AC/DC 5 ÷ 60 V, for BH630/BD250	0.024	1
OEZ:18021	PS-BHD-0010	1x CO, AC/DC 60 ÷ 500 V, for BH630/BD250	0.013	1
OEZ:18022	PS-BHD-0010-Au	1x CO, AC/DC 5 ÷ 60 V, for BH630/BD250	0.013	1
OEZ:35893	PS-BHD-0020	2x CO, AC/DC 60 ÷ 500 V, for BH630/BD250	0.026	1
OEZ:37467	PS-BHD-0020-Au	2x CO, AC/DC 5 ÷ 60 V, for BH630/BD250	0.026	1
OEZ:16169	SP-BHD-0002	2x NO or 2x NC or 1x NO + 1x NC early contact, for BH630/BD250	0.045	1



SV-BHD-X230

SHUNT TRIPS

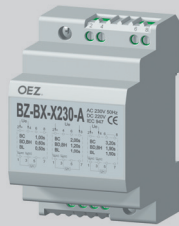
Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:24650	SV-BHD-X024	AC/DC 24, 40, 48 V, for BH630/BD250	0.140	1
OEZ:24630	SV-BHD-X110	AC/DC 110 V, for BH630/BD250	0.140	1
OEZ:24620	SV-BHD-X230	AC 230, 400, 500 V / DC 220 V, for BH630/BD250	0.140	1



SP-BHD-X230

UNDERVOLTAGE RELEASES

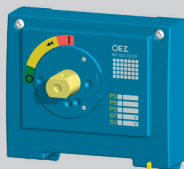
Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:24450	SP-BHD-X024	AC/DC 24, 40, 48 V, for BH630/BD250	0.110	1
OEZ:24430	SP-BHD-X110	AC/DC 110 V, for BH630/BD250	0.110	1
OEZ:24420	SP-BHD-X230	AC 230, 400, 500 V / DC 220 V, for BH630/BD250	0.110	1
OEZ:24550	SP-BHD-X024-0001	AC/DC 24, 40, 48 V, early contact, for BH630/BD250	0.120	1
OEZ:24530	SP-BHD-X110-0001	AC/DC 110 V, early contact, for BH630/BD250	0.120	1
OEZ:24520	SP-BHD-X230-0001	AC 230, 400, 500 V / DC 220 V, early contact, for BH630/BD250	0.120	1



BZ-BX-X230-A

DELAY UNIT

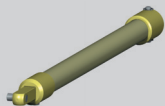
Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:36696	BZ-BX-X230-A	for undervoltage releases, AC 230 V / DC 220 V, for SP-BC-..., SP-BD-..., SP-BH-..., SP-BL-...	0.120	1



RP-BD-CK20



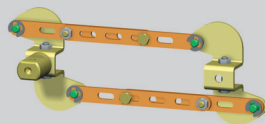
RP-BHD-CP21



RP-BHD-CH20

HAND DRIVES

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:13651	RP-BD-CK10	hand drive unit, for BD250	0.223	1
OEZ:13652	RP-BD-CK20	hand drive unit, with locking, for BD250	0.223	1
OEZ:13684	RP-BD-CK21	hand drive unit, with locking, label - yellow, for BD250	0.223	1
OEZ:37250	RP-BD-CK30	hand drive unit, side control right, for BD205	0.484	1
OEZ:37251	RP-BD-CK31	hand drive unit, side control left, for BD205	0.484	1
OEZ:13655	RP-BHD-CP10	hand drive lever, black, for BH630/BD250	0.075	1
OEZ:13656	RP-BHD-CP20	hand drive lever, black, with locking, for BH630/BD250	0.075	1
OEZ:13657	RP-BHD-CP21	hand drive lever, red, with locking, for BH630/BD250	0.075	1
OEZ:37246	RP-BHD-CN40	hand drive bearing, IP40, label - black, for BH630/BD250	0.200	1
OEZ:37247	RP-BHD-CN41	hand drive bearing, IP40, label - yellow, for BH630/BD250	0.200	1
OEZ:37248	RP-BHD-CN60	hand drive bearing, IP66, label - black, for BH630/BD250	0.200	1
OEZ:37249	RP-BHD-CN61	hand drive bearing, IP66, label - yellow, for BH630/BD250	0.200	1
OEZ:13658	RP-BHD-CH10	extension shaft, for BH630/BD250	0.205	1
OEZ:13659	RP-BHD-CH20	extension shaft, telescopic design, for BH630/BD250	0.255	1



RP-BHD-CD10

MECHANICAL INTERLOCKING AND PARALLEL SWITCHING

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:18290	RP-BHD-CB10	mechanical interlocking, for hand drive, for BH630/BD250	0.160	1
OEZ:18289	RP-BHD-CD10	mechanical parallel switching, for hand drive, for BH630/BD250	0.230	1
OEZ:19612	MB-BD-PV05	mechanical interlocking, Bowden cable, for two circuit breakers BD250	0.448	1
OEZ:19613	MB-BHD-PV03	mechanical interlocking, Bowden cable, for one circuit breaker BD250 and for one circuit breaker BH630	0.448	1



MP-BD-X230

MOTOR DRIVES

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:36884	MP-BD-X024	AC/DC 24 V, for BD250	1.529	1
OEZ:19790	MP-BD-X048	AC/DC 48 V, for BD250	1.529	1
OEZ:13537	MP-BD-X110	AC/DC 110 V, for BD250	1.529	1
OEZ:13535	MP-BD-X230	AC 230 V / DC 220 V, for BD250	1.529	1
OEZ:19791	MP-BD-X048-P	AC/DC 48 V, counter of cycles, for BD250	1.529	1
OEZ:13686	MP-BD-X110-P	AC/DC 110 V, counter of cycles, for BD250	1.529	1
OEZ:13538	MP-BD-X230-P	AC 230 V / DC 220 V, counter of cycles, for BD250	1.529	1



OD-BHD-RA03

CONTROL RELAY

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:37425	OD-BHD-RX01	AC/DC 24 V for BH630/BD250	0.080	1
OEZ:37426	OD-BHD-RX02	AC/DC 48 V for BH630/BD250	0.080	1
OEZ:37427	OD-BHD-RA03	AC 110 ÷ 230 V for BH630/BD250	0.080	1
OEZ:37428	OD-BHD-RD04	DC 110 V, for BH630/BD250	0.080	1



OD-BHD-KS02



OD-BD-VP01



OD-BHD-KA01

ACCESSORIES

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:13534	OD-BD-KS03	terminal cover, IP20, for BD250, 3-pole	0.098	1
OEZ:19576	OD-BD-KS43	terminal cover IP20, for BD250, 4-pole	0.141	1
OEZ:13533	OD-BD-UP01	lockable lever, for BD250	0.009	1
OEZ:15328	OD-BD-VP01	bolt sealing insert, for BD250	0.001	1
OEZ:18215	OD-BD-VP02	additional cover for overcurrent release, sealing option, for BD250	0.080	1
OEZ:14559	OD-BD-KK01	keying set, for plug-in design / withdrawable design, for BD250	0.002	1
OEZ:13688	OD-BHD-PP01	counter of cycles, for motor drive, for BH630/BD250	0.080	1
OEZ:13809	OD-BHD-KA02	extension cable, for motor drive, for BH630/BD250	0.100	1
OEZ:24740	OD-BHD-KS02	insulating barriers, 2 pcs, for BH630/BD250	0.077	1
OEZ:19575	OD-BHD-KS42	insulating barriers, 1 pc, for BH630/BD250	0.039	1
OEZ:14555	OD-BHD-KA01	connecting cable, for circuit breaker in plug-in design / in withdrawable design, for BH630/BD250	0.120	1
OEZ:14642	OD-BHD-KT01	cover of switch on button, for motor drive, for BH630/BD250	0.002	1
OEZ:14560	SO-BHD-0010	signalling of position, for circuit breaker in plug-in design / in withdrawable design, for BH630/BD250	0.018	1

SPARE PARTS

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:34457	OD-BD-SP01	control lever, for BD250	0.008	1
OEZ:15329	OD-BD-DV01	conductor holder, for BD250	0.005	1
OEZ:14419	OD-BD-MS01	mounting set, set of screws M4x35, 4 pcs, for BD250	0.017	1
OEZ:24720	OD-BD-KS01	terminal cover, upper or lower terminals, 3-pole, 1 pc, for BD250	0.081	1
OEZ:35896	OD-BD-KS44	terminal cover, lower terminals, 4-pole, 1 pc, for BD250	0.100	1
OEZ:35897	OD-BD-KS45	terminal cover, upper terminals, 4-pole, 1 pc, for BD250	0.100	1

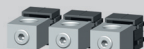
CONNECTING SETS

Clamp terminals



CS-BH-T...

Block terminals



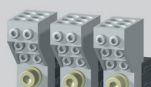
CS-BH-B..., CS-BH-B...

Block terminals



CS-BH-B..., CS-BH-B...

Block terminals



CS-BH-B...

Rear connection



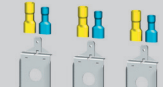
CS-BH-A...

Front connection



CS-BH-A...

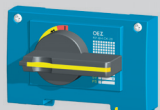
Potential terminals



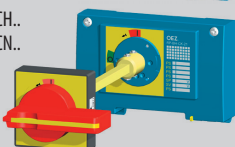
CS-BH-PS01

HAND DRIVES

RP-BH-CK..
RP-BHD-CP..

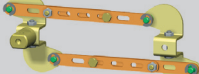


RP-BHD-CH..
RP-BHD-CN..



Mechanical parallel switching

RP-BHD-CD10



Mechanical interlocking

RP-BHD-CB10



Mechanical blocking with bowden cable

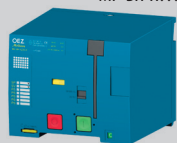
MB-BH-PV04
MB-BHD-PV03



MOTOR DRIVES

OD-BHD-KA02

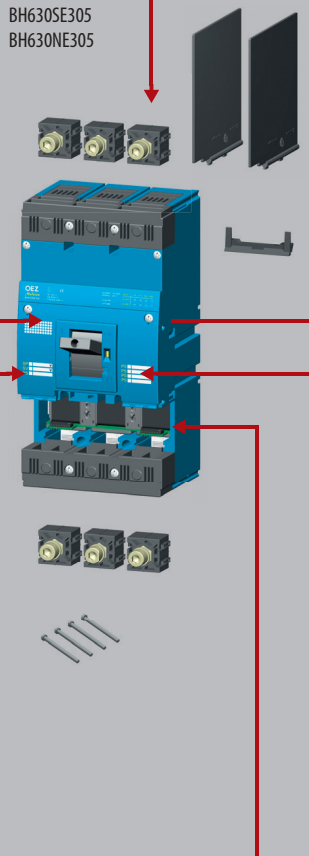
OD-BHD-PP01



MP-BH-X...

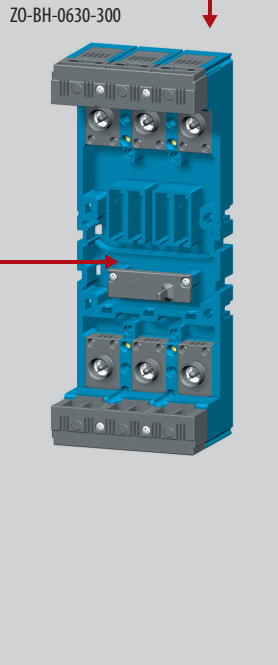
SWITCHING UNIT

BH630SE305
BH630NE305



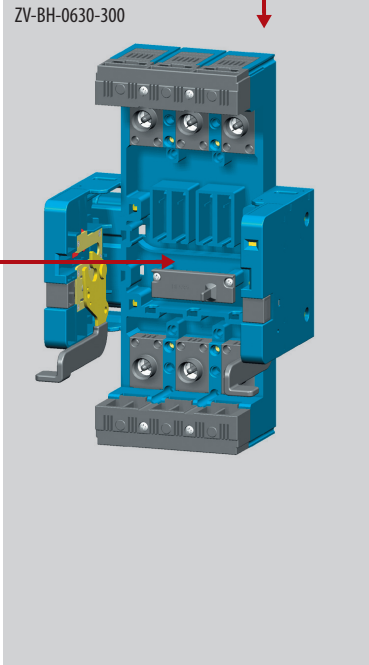
PLUG-IN DEVICE

ZO-BH-0630-300



WITHDRAWABLE DEVICE

ZV-BH-0630-300



SWITCHES PS-BHD-...

Single

Double

Make-and-break

Early



SHUNT TRIP

SV-BHD-X...



UNDERVOLTAGE RELEASE

SP-BHD-X...



OVERCURRENT RELEASES



SE-BH-....-L001



SE-BH-....-DTV3



SE-BH-....-MTV8



SE-BH-....-MTV9

SWITCH-DISCONNECTOR UNIT



SE-BH-0630-V001



SE-BH-0630-4D01

ACCESSORIES FOR ZO... AND ZV...

Connecting cable
OD-BHD-KA01



Signalling of position
SO-BHD-0010



ACCESSORIES

Lockable lever



OD-BH-UP01

Sealing insert



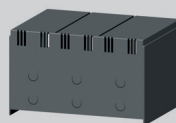
OD-BH-VP01

Additional cover for overcurrent release



OD-BH-VP02

Terminal cover



OD-BH-KS03

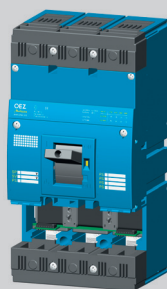
Insulating barriers



OD-BHD-KS02

Keying set
OD-BH-KK01





BH630NE305

SWITCHING UNITS 3-pole design

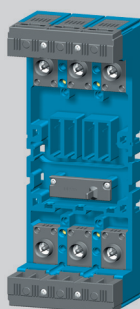
Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:14412	BH630NE305	3-pole, I _n 630 A, I _{cu} 36 kA, for BH630	5.3	1
OEZ:14413	BH630SE305	3-pole, I _n 630 A, I _{cu} 65 kA, for BH630	5.3	1

SWITCHING UNITS 3+N-pole design

OEZ:19583	BH630NE405	3+N-pole, I _n 630 A, I _{cu} 36 kA, for BH630	6.65	1
OEZ:19585	BH630SE405	3+N-pole, I _n 630 A, I _{cu} 65 kA, for BH630	6.65	1

SWITCHING UNITS 4-pole design

OEZ:19584	BH630NE406	4-pole, I _n 630 A, I _{cu} 36 kA, for BH630	7	1
OEZ:19586	BH630SE406	4-pole, I _n 630 A, I _{cu} 65 kA, for BH630	7	1



Z0-BH-0630-300

PLUG-IN DEVICES

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:14556	Z0-BH-0630-300	3-pole, for BH630	2.61	1
OEZ:20649	Z0-BH-0630-400	3+N pole, 4-pole, for BH630	3.4	1

WITHDRAWABLE DEVICES

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:14553	ZV-BH-0630-300	3-pole, for BH630	3.664	1
OEZ:20650	ZV-BH-0630-400	3+N pole, 4-pole, for BH630	4.5	1



SE-BH-0630-DTV3

OVERCURRENT RELEASES for 3-pole and 3+N-pole design

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:20614	SE-BH-0250-L001	line characteristic L, I _n 250 A, without setting I _r , for BH630	0.345	1
OEZ:20615	SE-BH-0315-L001	line characteristic L, I _n 315 A, without setting I _r , for BH630	0.345	1
OEZ:20616	SE-BH-0400-L001	line characteristic L, I _n 400 A, without setting I _r , for BH630	0.345	1
OEZ:20617	SE-BH-0500-L001	line characteristic L, I _n 500 A, without setting I _r , for BH630	0.345	1
OEZ:20618	SE-BH-0630-L001	line characteristic L, I _n 630 A, without setting I _r , for BH630	0.345	1
OEZ:25300	SE-BH-0250-DTV3	distribution characteristic D, I _n 250 A, setting I _r 100 ÷ 250 A, for BH630	0.345	1
OEZ:25200	SE-BH-0400-DTV3	distribution characteristic D, I _n 400 A, setting I _r 160 ÷ 400 A, for BH630	0.345	1
OEZ:25100	SE-BH-0630-DTV3	distribution characteristic D, I _n 630 A, setting I _r 250 ÷ 630 A, for BH630	0.345	1
OEZ:25310	SE-BH-0250-MTV8	motor characteristic M, I _n 250 A, setting I _r 100 ÷ 250 A, for BH630	0.345	1
OEZ:25210	SE-BH-0400-MTV8	motor characteristic M, I _n 400 A, setting I _r 160 ÷ 400 A, for BH630	0.345	1
OEZ:25110	SE-BH-0630-MTV8	motor characteristic M, I _n 630 A, setting I _r 250 ÷ 630 A, for BH630	0.345	1
OEZ:19566	SE-BH-0250-MTV9	motor characteristic M, time selectivity, I _n 250 A, setting I _r 100 ÷ 250 A, for BH630	0.345	1
OEZ:19567	SE-BH-0400-MTV9	motor characteristic M, time selectivity, I _n 400 A, setting I _r 160 ÷ 400 A, for BH630	0.345	1
OEZ:19568	SE-BH-0630-MTV9	motor characteristic M, time selectivity, I _n 630 A, setting I _r 250 ÷ 630 A, for BH630	0.345	1



SE-BH-0630-4D01

OVERCURRENT RELEASES for 4-pole design

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:33426	SE-BH-0250-4D01	distribution characteristic D, I _n 250 A, setting I _r 100 ÷ 250 A, for BH630	0.355	1
OEZ:33427	SE-BH-0400-4D01	distribution characteristic D, I _n 400 A, setting I _r 160 ÷ 400 A, for BH630	0.355	1
OEZ:33428	SE-BH-0630-4D01	distribution characteristic D, I _n 630 A, setting I _r 250 ÷ 630 A, for BH630	0.355	1



SE-BH-0630-V001

SWITCH-DISCONNECTOR UNIT

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:25120	SE-BH-0630-V001	for BH630	0.295	1



TESTER OF OVERCURRENT RELEASES

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:17273	ZES4	for BD250, BH630, BL1000 and BL1600	3.75	1



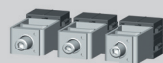
RESIDUAL CURRENT MONITOR

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:42658	5SV8000-6KK	analog design, setting $I_{\Delta n}$ and $t_{\Delta n}$	0.18	1
OEZ:42659	5SV8001-6KK	digital design, setting $I_{\Delta n}$ and $t_{\Delta n}$	0.26	1
OEZ:42660	5SV8200-6KK	digital design, setting $I_{\Delta n}$ and $t_{\Delta n}$, 4 channels	0.26	1



CURRENT TRANSFORMERS FOR RESIDUAL CURRENT MONITOR

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:42661	5SV8700-0KK	internal diameter 20 mm, including holder on "U" rail according to EN 60715 wide 35 mm	0.09	1
OEZ:42662	5SV8701-0KK	internal diameter 30 mm, including holder on "U" rail according to EN 60715 wide 35 mm	0.11	1
OEZ:42663	5SV8702-0KK	internal diameter 35 mm, including holder on the panel	0.2	1
OEZ:42664	5SV8703-0KK	internal diameter 70 mm, including holder on the panel	0.31	1
OEZ:42665	5SV8704-0KK	internal diameter 105 mm, including holder on the panel	0.6	1
OEZ:42666	5SV8705-0KK	internal diameter 140 mm, including holder on the panel	1.35	1
OEZ:42667	5SV8706-0KK	internal diameter 210 mm, including holder on the panel	2.25	1
OEZ:42668	5SV8 900-1KK	holder on "U" rail according to EN 60715 wide 35 mm for current transformers with internal diameter up to and including 105 mm	0.01	2



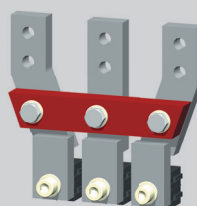
CS-BH-T011



CS-BH-B021



CS-BH-A039



CS-BH-JT75

CONNECTING SETS

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:24820	CS-BH-T011	clamp terminals, Cu cables/flexibars 35 ÷ 240 mm ² , 3 pcs, for BH630	0.433	1
OEZ:24761	CS-BH-B011	block terminals, Cu/Al cables 150 ÷ 240 mm ² , 3 pcs, for BH630	0.279	1
OEZ:24762	CS-BH-B012	block terminals, Cu/Al cables 25 ÷ 150 mm ² , 3 pcs, for BH630	0.302	1
OEZ:24781	CS-BH-B021	block terminals, Cu/Al cables 2x (150 ÷ 240) mm ² , 3 pcs, for BH630	0.721	1
OEZ:15816	CS-BH-B022	block terminals, Cu/Al cables 2x (25 ÷ 150) mm ² , 3 pcs, for BH630	0.75	1
OEZ:24780	CS-BH-A021	rear connection, Cu/Al busbars / cable lugs, 3 pcs, for BH630	0.567	1
OEZ:20121	CS-BH-B014	block terminals, Cu/Al cables 6x (6 ÷ 35) mm ² , 3 pcs, for BH630	0.3	1
OEZ:36604	CS-BH-B031	block terminals, Cu/Al cables 3x (150 ÷ 240) mm ² , 3 pcs, for BH630	0.9	1
OEZ:42691	CS-BH-B032	block terminals, Cu/Al cables 3x (25 ÷ 150) mm ² , 3 pcs, for BH630	0.9	1
OEZ:24760	CS-BH-A011	front connection, Cu/Al busbars / cable lugs / flexibars, 3 pcs, for BH630	0.186	1
OEZ:13683	CS-BH-PS01	potential terminals, Cu conductors 1.5 ÷ 2.5/4 ÷ 6 mm ² , 3 pcs, for BH630	0.021	1
OEZ:36032	CS-BH-PS41	potential terminals, Cu conductors 1.5 ÷ 2.5/4 ÷ 6 mm ² , 1 pc, for BH630	0.005	1
OEZ:19589	CS-BH-T411	clamp terminals, Cu cables/flexibars 35 ÷ 240 mm ² , 1 pc, for BH630	0.148	1
OEZ:19593	CS-BH-B411	block terminals, Cu/Al cables 150 ÷ 240 mm ² , 1 pc, for BH630	0.093	1
OEZ:19588	CS-BH-B412	block terminals, Cu/Al cables 25 ÷ 150 mm ² , 1 pc, for BH630	0.101	1
OEZ:19590	CS-BH-B421	block terminals, Cu/Al cables 2x (150 ÷ 240) mm ² , 1 pc, for BH630	0.24	1
OEZ:19591	CS-BH-B422	block terminals, Cu/Al cables 2x (25 ÷ 150) mm ² , 1 pc, for BH630	0.25	1
OEZ:21169	CS-BH-B414	block terminals, Cu/Al cables 6x (6 ÷ 35) mm ² , 1 pc, for BH630	0.1	1
OEZ:36605	CS-BH-B431	block terminals, Cu/Al cables 3x (150 ÷ 240) mm ² , 1 pc, for BH630	0.3	1
OEZ:42692	CS-BH-B432	block terminals, Cu/Al cables 3x (25 ÷ 150) mm ² , 1 pc, for BH630	0.3	1
OEZ:19592	CS-BH-A421	rear connection, Cu/Al busbars / cable lugs, 1 pc, for BH630	0.189	1
OEZ:24783	CS-BH-A037	replacement BA*37-50, front connection, Cu/Al busbars / cable lugs, 3 pcs, for BH630	0.47	1
OEZ:24782	CS-BH-A039	replacement BA*39-50/J2UX, front connection, Cu/Al busbars / cable lugs, 3 pcs, for BH630	0.628	1
OEZ:18202	CS-BH-Z039	replacement BA*39/J2UX, rear connection, Cu/Al busbars / cable lugs, 3 pcs, for BH630	0.954	1
OEZ:14562	CS-BH-JX75	replacement J2UX75/BA...*39, front connection withdrawable design, Cu/Al busbars / cable lugs, 3 pcs, for BH630	1.924	1
OEZ:14561	CS-BH-JT75	replacement J2UX75T, front connection withdrawable design, Cu/Al busbars / cable lugs, 3 pcs, for BH630	2.64	1



OD-BH-MZ39

MOUNTING SETS

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:18204	OD-BH-MZ39	replacement J2UX/BA...39, rear connection, for BH630	1.195	1
OEZ:33331	OD-BH-MT75	replacement J2UX75T, front connection, withdrawable design, for BH630	0.5	1
OEZ:24741	OD-BHD-MS39	replacement J2UX/BA...39, front connection, for BH630/BD250	0.7	1
OEZ:14563	OD-BHD-MS75	replacement J2UX75/BA...*39-75, front connection, withdrawable design, for BH630/BD250	0.446	1



PS-BHD-1000



PS-BHD-0010

SWITCHES

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:24700	PS-BHD-1000	1x NO, AC/DC 60 ÷ 500 V, for BH630/BD250	0.012	1
OEZ:24702	PS-BHD-1000-Au	1x NO, AC/DC 5 ÷ 60 V, for BH630/BD250	0.012	1
OEZ:24701	PS-BHD-0100	1x NC, AC/DC 60 ÷ 500 V, for BH630/BD250	0.013	1
OEZ:24703	PS-BHD-0100-Au	1x NC, AC/DC 5 ÷ 60 V, for BH630/BD250	0.013	1
OEZ:13690	PS-BHD-0200	2x NC, AC/DC 60 ÷ 500 V, for BH630/BD250	0.026	1
OEZ:13693	PS-BHD-0200-Au	2x NC, AC/DC 5 ÷ 60 V, for BH630/BD250	0.026	1
OEZ:13691	PS-BHD-1100	1x NO + 1x NC, AC/DC 60 ÷ 500 V, for BH630/BD250	0.025	1
OEZ:13694	PS-BHD-1100-Au	1x NO + 1x NC, AC/DC 5 ÷ 60 V, for BH630/BD250	0.025	1
OEZ:13689	PS-BHD-2000	2x NO, AC/DC 60 ÷ 500 V, for BH630/BD250	0.024	1
OEZ:13692	PS-BHD-2000-Au	2x NO, AC/DC 5 ÷ 60 V, for BH630/BD250	0.024	1
OEZ:18021	PS-BHD-0010	1x CO, AC/DC 60 ÷ 500 V, for BH630/BD250	0.013	1
OEZ:18022	PS-BHD-0010-Au	1x CO, AC/DC 5 ÷ 60 V, for BH630/BD250	0.013	1
OEZ:35893	PS-BHD-0020	2x CO, AC/DC 60 ÷ 500 V, for BH630/BD250	0.026	1
OEZ:37467	PS-BHD-0020-Au	2x CO, AC/DC 5 ÷ 60 V, for BH630/BD250	0.026	1
OEZ:16169	SP-BHD-0002	2x NO or 2x NC or 1x NO + 1x NC early contact, for BH630/BD250	0.045	1



SV-BHD-X230

SHUNT TRIPS

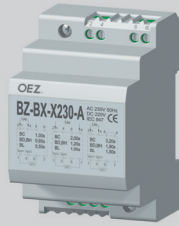
Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:24650	SV-BHD-X024	AC/DC 24, 40, 48 V, for BH630/BD250	0.14	1
OEZ:24630	SV-BHD-X110	AC/DC 110 V, for BH630/BD250	0.14	1
OEZ:24620	SV-BHD-X230	AC 230, 400, 500 V / DC 220 V, for BH630/BD250	0.14	1



SP-BHD-X230

UNDERVOLTAGE RELEASES

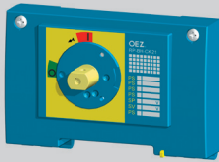
Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:24450	SP-BHD-X024	AC/DC 24, 40, 48 V, for BH630/BD250	0.11	1
OEZ:24430	SP-BHD-X110	AC/DC 110 V, for BH630/BD250	0.11	1
OEZ:24420	SP-BHD-X230	AC 230, 400, 500 V / DC 220 V, for BH630/BD250	0.11	1
OEZ:24550	SP-BHD-X024-0001	AC/DC 24, 40, 48 V, early contact, for BH630/BD250	0.12	1
OEZ:24530	SP-BHD-X110-0001	AC/DC 110 V, early contact, for BH630/BD250	0.12	1
OEZ:24520	SP-BHD-X230-0001	AC 230, 400, 500 V / DC 220 V, early contact, for BH630/BD250	0.12	1



BZ-BX-X230-A

DELAY UNIT

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:36696	BZ-BX-X230-A	for undervoltage releases, AC 230 V / DC 220 V, for SP-BC-..., SP-BD-..., SP-BH-..., SP-BL-...	0.12	1



RP-BH-CK20



RP-BHD-CP20



RP-BHD-CH10

HAND DRIVES

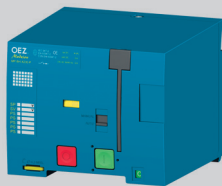
Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:13653	RP-BH-CK10	hand drive unit, for BH630	0.223	1
OEZ:13654	RP-BH-CK20	hand drive unit, with locking, for BH630	0.223	1
OEZ:13685	RP-BH-CK21	hand drive unit, with locking, label - yellow, for BH630	0.223	1
OEZ:37252	RP-BH-CK30	hand drive unit, side control right, for BH630	0.512	1
OEZ:37253	RP-BH-CK31	hand drive unit, side control left, for BH630	0.512	1
OEZ:13655	RP-BHD-CP10	hand drive lever, black, for BH630/BD250	0.075	1
OEZ:13656	RP-BHD-CP20	hand drive lever, black, lockable, for BH630/BD250	0.075	1
OEZ:13657	RP-BHD-CP21	hand drive lever, red, lockable, for BH630/BD250	0.075	1
OEZ:37246	RP-BHD-CN40	hand drive bearing, IP40, label - black, for BH630/BD250	0.14	1
OEZ:37247	RP-BHD-CN41	hand drive bearing, IP40, label - yellow, for BH630/BD250	0.14	1
OEZ:37248	RP-BHD-CN60	hand drive bearing, IP66, label - black, for BH630/BD250	0.14	1
OEZ:37249	RP-BHD-CN61	hand drive bearing, IP66, label - yellow, for BH630/BD250	0.14	1
OEZ:13658	RP-BHD-CH10	extension shaft, for BH630/BD250	0.205	1
OEZ:13659	RP-BHD-CH20	extension shaft, telescopic design, for BH630/BD250	0.255	1



RP-BHD-CB10

MECHANICAL INTERLOCKING AND PARALLEL SWITCHING

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:18290	RP-BHD-CB10	mechanical interlocking, for hand drive, for BH630/BD250	0.16	1
OEZ:18289	RP-BHD-CD10	mechanical parallel switching, for hand drive, for BH630/BD250	0.23	1
OEZ:19611	MB-BH-PV04	mechanical interlocking, with Bowden cable, for two circuit breakers BH630	0.448	1
OEZ:19613	MB-BHD-PV03	mechanical interlocking, with Bowden cable, for one circuit breaker BD250 and for one circuit breaker BH630	0.448	1



MP-BH-X230

MOTOR DRIVES

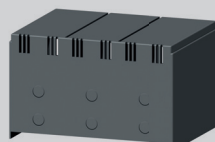
Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:20590	MP-BH-X024	AC/DC 24 V, for BH630	1.691	1
OEZ:19792	MP-BH-X048	AC/DC 48 V, for BH630	1.691	1
OEZ:13539	MP-BH-X110	AC/DC 110 V, for BH630	1.691	1
OEZ:13536	MP-BH-X230	AC 230 V / DC 220 V, for BH630	1.691	1
OEZ:20591	MP-BH-X024-P	AC/DC 24 V, counter of cycles, for BH630	1.708	1
OEZ:19793	MP-BH-X048-P	AC/DC 48 V, counter of cycles, for BH630	1.708	1
OEZ:13687	MP-BH-X110-P	AC/DC 110 V, counter of cycles, for BH630	1.708	1
OEZ:13540	MP-BH-X230-P	AC 230 V / DC 220 V, counter of cycles, for BH630	1.708	1



OD-BHD-RA03

CONTROL RELAYS

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:37425	OD-BHD-RX01	AC/DC 24 V for BH630/BD250	0.11	1
OEZ:37426	OD-BHD-RX02	AC/DC 48 V for BH630/BD250	0.11	1
OEZ:37427	OD-BHD-RA03	AC 110 ÷ 230 V, for BH630/BD250	0.11	1
OEZ:37428	OD-BHD-RD04	DC 110 V, for BH630/BD250	0.12	1



OD-BH-KS03



OD-BH-UP01



OD-BH-VP02

ACCESSORIES

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:13531	OD-BH-KS03	terminal cover, IP20, for BH630, 3-pole	0.144	1
OEZ:19587	OD-BH-KS43	terminal cover, IP20, for BH630, 4-pole	0.209	1
OEZ:13532	OD-BH-UP01	lockable lever, for BH630	0.013	1
OEZ:15330	OD-BH-VP01	bolt sealing insert, for BH630	0.001	1
OEZ:18216	OD-BH-VP02	additional cover for overcurrent release, sealable, for BH630	0.1	1
OEZ:14554	OD-BH-KK01	keying set, for plug-in design / withdrawable design, for BH630	0.005	1
OEZ:13688	OD-BHD-PP01	counter of cycles, for motor drive, for BH630/BD250	0.08	1
OEZ:13809	OD-BHD-KA02	extension cable, for motor drive, for BH630/BD250	0.1	1
OEZ:24740	OD-BHD-KS02	insulating barriers, 2 pcs, for BH630/BD250	0.077	1
OEZ:19575	OD-BHD-KS42	insulating barriers, 1 pc, for BH630/BD250	0.039	1
OEZ:14555	OD-BHD-KA01	connecting cable, for circuit breaker in plug-in design / in withdrawable design, for BH630/BD250	0.12	1
OEZ:14642	OD-BHD-KT01	cover of switch on button, for motor drive, for BH630/BD250	0.002	1
OEZ:14560	SO-BHD-0010	signalling of position, for circuit breaker in plug-in design/ in withdrawable design, for BH630/BD250	0.018	1

SPARE PARTS

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:34458	OD-BH-SP01	control lever	0.012	1
OEZ:15331	OD-BH-DV01	conductor holder	0.005	1
OEZ:14420	OD-BH-MS01	mounting set, set of screws M5x25, 4 pcs, for BH630	0.027	1
OEZ:24730	OD-BH-KS01	terminal cover, upper or lower terminals, 3-pole, 1 pc, for BH630	0.124	1
OEZ:35894	OD-BH-KS44	terminal cover, lower terminals, 4-pole, 1 pc, for BH630	0.2	1
OEZ:35895	OD-BH-KS45	terminal cover, upper terminals, 4-pole, 1 pc, for BH630	0.2	1
OEZ:34460	OD-BHD-JUMP	jumper for auxiliary releases, for BH630/BD250	0.001	1
OEZ:34461	OD-BHD-KON2	connector and sockets, for MP-BD/MP-BH	0.004	1

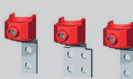
CONNECTING SETS

Clamp terminals



CS-BL-W010

Clamp terminals



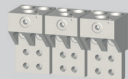
CS-BL-W011

Block terminals



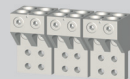
CS-BL-B002

Block terminals



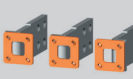
CS-BL-B003

Block terminals



CS-BL-B004

Rear connection



CS-BL-A0..

Front connection



CS-BL-A010

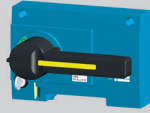
Rear connection



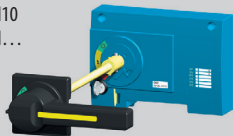
CS-BL-A020

HAND DRIVES

RP-BL-CK10
RP-BL-CP...



RP-BL-CH10
RP-BL-CN...



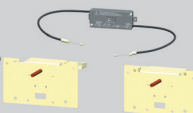
Mechanical interlocking

RL-BL-CB10



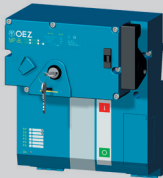
Mechanical blocking with bowden cable

MB-BL-....



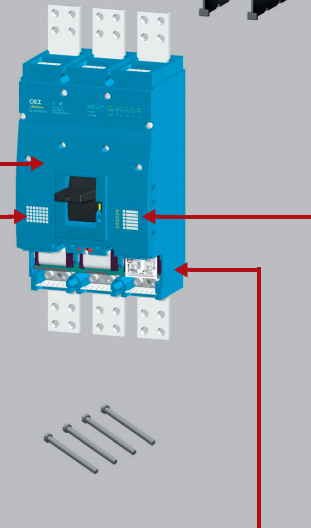
MOTOR DRIVES

MP-BL-X...



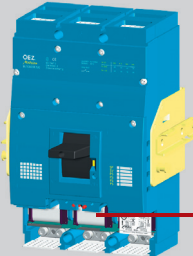
SWITCHING UNIT

BL1000SE305



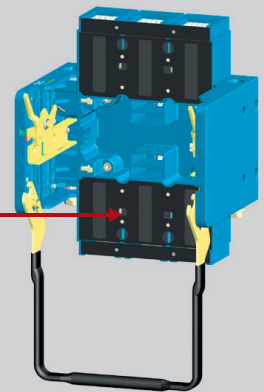
SWITCHING UNIT - WITHDRAWABLE DESIGN

BL1000SE320



WITHDRAWABLE DEVICE

ZV-BL-1600-300

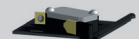


SWITCHES PS-BL-...



Signalling of position

SO-BL-0010



SHUNT TRIP

SV-BL-X...



UNDervoltage RELEASE

SP-BL-X...



OVERCURRENT RELEASES



SE-BL-J...-DTV3



SE-BL-J...-MTV8



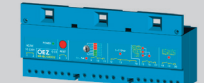
SE-BL-J...-U001

SWITCH-DISCONNECTOR UNIT



SE-BL-J1000-V001

SIGNALLING UNITS



SB-BL-0002

ACCESSORIES

Lockable lever



OD-BL-UP01

Sealing insert



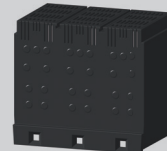
OD-BL-VP01

Extension cable



OD-BL-KA01

Terminal cover



OD-BL-KS09

Terminal cover



OD-BL-KS04

Insulating barriers



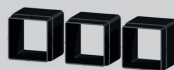
OD-BL-KS02

Insulating barriers



OD-BL-KS08

Insulating grommets



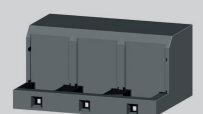
OD-BL-KS03

Fastening screws

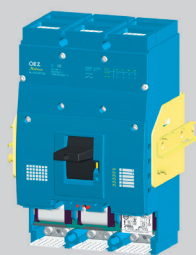


OD-BL-MS02

Terminal cover



OD-BL-KS01



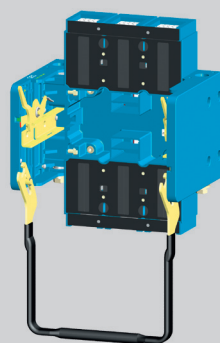
BL1600SE320

SWITCHING UNITS for fixed design

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:19381	BL1000SE305	3-pole, Iu 1 000 A, Icu 65 kA, for BL1000	20	1
OEZ:14410	BL1600SE305	3-pole, Iu 1 600 A, Icu 65 kA, for BL1600	22	1

SWITCHING UNITS for withdrawable design

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:19382	BL1000SE320	3-pole, Iu 1 000 A, Icu 65 kA, for BL1000	23	1
OEZ:21000	BL1600SE320	3-pole, Iu 1 600 A, Icu 65 kA, for BL1600	23	1



ZV-BL-1600-300

WITHDRAWABLE DEVICE

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:21010	ZV-BL-1600-300	3-pole, for BL1600/BL1000	14	1



SE-BL-J800-DTV3

OVERCURRENT RELEASES for BL1000

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:22111	SE-BL-J315-DTV3	distribution characteristic D, In 315 A, setting I _r 125 ÷ 315 A, for BL1000	0.5	1
OEZ:22211	SE-BL-J630-DTV3	distribution characteristic D, In 630 A, setting I _r 250 ÷ 630 A, for BL1000	0.5	1
OEZ:22311	SE-BL-J800-DTV3	distribution characteristic D, In 800 A, setting I _r 315 ÷ 800 A, for BL1000	0.5	1
OEZ:19383	SE-BL-J1000-DTV3	distribution characteristic D, In 1 000 A, setting I _r 400 ÷ 1 000 A, for BL1000	0.5	1
OEZ:22101	SE-BL-J315-MTV8	motor characteristic M, In 315 A, setting I _r 125 ÷ 315 A, for BL1000	0.5	1
OEZ:22201	SE-BL-J630-MTV8	motor characteristic M, In 630 A, setting I _r 250 ÷ 630 A, for BL1000	0.5	1
OEZ:22301	SE-BL-J800-MTV8	motor characteristic M, In 800 A, setting I _r 315 ÷ 800 A, for BL1000	0.5	1
OEZ:19384	SE-BL-J1000-MTV8	motor characteristic M, In 1 000 A, setting I _r 400 ÷ 1 000 A, for BL1000	0.5	1
OEZ:20527	SE-BL-J315-U001	universal characteristic U, In 315 A, setting I _r 125 ÷ 315 A, for BL1000	0.5	1
OEZ:20526	SE-BL-J630-U001	universal characteristic U, In 630 A, setting I _r 250 ÷ 630 A, for BL1000	0.5	1
OEZ:20525	SE-BL-J800-U001	universal characteristic U, In 800 A, setting I _r 315 ÷ 800 A, for BL1000	0.5	1
OEZ:20524	SE-BL-J1000-U001	universal characteristic U, In 1 000 A, setting I _r 400 ÷ 1 000 A, for BL1000	0.5	1

OVERCURRENT RELEASES for BL1600

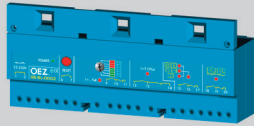
OEZ:20070	SE-BL-0630-DTV3	distribution characteristic D, In 630 A, setting I _r 250 ÷ 630 A, for BL1600	0.5	1
OEZ:20080	SE-BL-1000-DTV3	distribution characteristic D, In 1 000 A, setting I _r 400 ÷ 1 000 A, for BL1600	0.5	1
OEZ:19388	SE-BL-1250-DTV3	distribution characteristic D, In 1 250 A, setting I _r 500 ÷ 1 250 A, for BL1600	0.5	1
OEZ:20090	SE-BL-1600-DTV3	distribution characteristic D, In 1 600 A, setting I _r 630 ÷ 1 600 A, for BL1600	0.5	1
OEZ:20071	SE-BL-0630-MTV8	motor characteristic M, In 630 A, setting I _r 250 ÷ 630 A, for BL1600	0.5	1
OEZ:20081	SE-BL-1000-MTV8	motor characteristic M, In 1 000 A, setting I _r 400 ÷ 1 000 A, for BL1600	0.5	1
OEZ:19389	SE-BL-1250-MTV8	motor characteristic M, In 1 250 A, setting I _r 500 ÷ 1 250 A, for BL1600	0.5	1
OEZ:20091	SE-BL-1600-MTV8	motor characteristic M, In 1 600 A, setting I _r 630 ÷ 1 600 A, for BL1600	0.5	1
OEZ:20523	SE-BL-0630-U001	universal characteristic U, In 630 A, setting I _r 250 ÷ 630 A, for BL1600	0.59	1
OEZ:20364	SE-BL-1000-U001	universal characteristic U, In 1 000 A, setting I _r 400 ÷ 1 000 A, for BL1600	0.59	1
OEZ:20521	SE-BL-1250-U001	universal characteristic U, In 1 250 A, setting I _r 500 ÷ 1 250 A, for BL1600	0.59	1
OEZ:20363	SE-BL-1600-U001	universal characteristic U, In 1 600 A, setting I _r 630 ÷ 1 600 A, for BL1600	0.59	1



SE-BL-J1000-V001

SWITCH-DISCONNECTOR UNITS

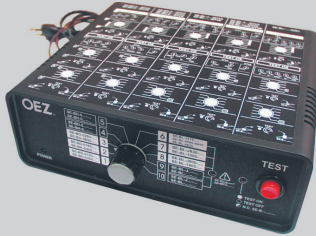
Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:19385	SE-BL-J1000-V001	for BL1000	0.4	1
OEZ:20400	SE-BL-1600-V001	for BL1600	0.4	1



SB-BL-0002

SIGNALLING UNIT

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:13765	SB-BL-0002	for releases SE-BL-...-DTV3/MTV8/U001, for BL1600/BL1000	0.67	1



ZES4

TESTER OF OVERCURRENT RELEASES

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:17273	ZES4	for BD250, BH630, BL1000 and BL1600	3.75	1



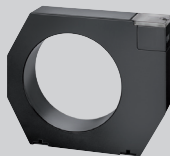
5SV8000-6KK



5SV8200-6KK

RESIDUAL CURRENT MONITOR

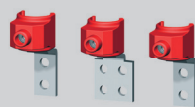
Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:42658	5SV8000-6KK	analog design, setting $I_{\Delta n}$ and $t_{\Delta n}$	0.18	1
OEZ:42659	5SV8001-6KK	digital design, setting $I_{\Delta n}$ and $t_{\Delta n}$	0.26	1
OEZ:42660	5SV8200-6KK	digital design, setting $I_{\Delta n}$ and $t_{\Delta n}$, 4 channels	0.26	1



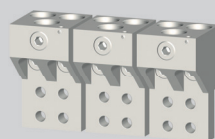
5SV8706-0KK

CURRENT TRANSFORMERS FOR RESIDUAL CURRENT MONITOR

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:42665	5SV8704-0KK	internal diameter 105 mm, including holder on the panel	0.6	1
OEZ:42666	5SV8705-0KK	internal diameter 140 mm, including holder on the panel	1.35	1
OEZ:42667	5SV8706-0KK	internal diameter 210 mm, including holder on the panel	2.25	1
OEZ:42668	5SV8 900-1KK	Holder on "U" rail according to EN 60715 wide 35 mm for current transformers with internal diameter up to and including 105 mm	0.01	2



CS-BL-W011



CS-BL-B003

CONNECTING SETS

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:20710	CS-BL-W010	clamp terminals, 2x (70 ÷ 240) mm ² , 3 pcs, for BL1600/BL1000	1.47	1
OEZ:20930	CS-BL-W011	clamp terminals, 70 ÷ 240 mm ² , 3 pcs, for BL1600/BL1000	0.663	1
OEZ:20611	CS-BL-A022	rear connection, up to 1 000 A, Cu/Al busbars, 3 pcs, for BL1600/BL1000	1.43	1
OEZ:20610	CS-BL-A021	rear connection, up to 1 600 A, Cu/Al busbars, 3 pcs, for BL1600/BL1000	2.76	1
OEZ:21050	CS-BL-A010	front connection, withdrawable design, Cu/Al busbars, 3 pcs, for BL1600/BL1000	2.73	1
OEZ:21070	CS-BL-A020	rear connection, withdrawable design, Cu/Al busbars, 3 pcs, for BL1600/BL1000	3.42	1
OEZ:41469	CS-BL-A015	front connection, for fixed design, Cu/Al busbars, 3 pcs, for BL1600	4.5	1
OEZ:41470	CS-BL-A016	front connection, for fixed design, Cu/Al busbars, 3 pcs, for BL1000	3	1
OEZ:20116	CS-BL-B002	block terminals, 2x (150 ÷ 300) mm ² , 3 pcs, for BL1600/BL1000	1	1
OEZ:20117	CS-BL-B003	block terminals, 3x (150 ÷ 300) mm ² , 3 pcs, for BL1600/BL1000	2	1
OEZ:20118	CS-BL-B004	block terminals, 4x (150 ÷ 300) mm ² , 3 pcs, for BL1600/BL1000	1.8	1



PS-BL-2200

SWITCHES

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:20510	PS-BL-2200	2x NO + 2x NC, AC/DC 60 ÷ 240 V, for BL1600/BL1000	0.041	1
OEZ:12808	PS-BL-2200-Au	2x NO + 2x NC, AC/DC 5 ÷ 60 V, for BL1600/BL1000	0.041	1



SV-BL-X230

SHUNT TRIPS

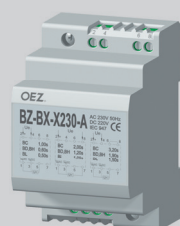
Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:16162	SV-BL-X024	AC/DC 24 V, for BL1600/BL1000	0.22	1
OEZ:16161	SV-BL-X048	AC/DC 48 V, for BL1600/BL1000	0.22	1
OEZ:16160	SV-BL-X110	AC/DC 110 V, for BL1600/BL1000	0.22	1
OEZ:16159	SV-BL-X230	AC 230 V / DC 220 V, for BL1600/BL1000	0.22	1
OEZ:16158	SV-BL-X400	AC 400 V, for BL1600/BL1000	0.22	1
OEZ:16157	SV-BL-X500	AC 500 V, for BL1600/BL1000	0.22	1



SP-BL-X230

UNDervOLTAGE RELEASES

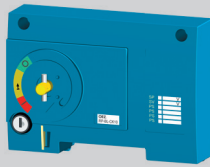
Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:16168	SP-BL-X024	AC/DC 24 V, for BL1600/BL1000	0.22	1
OEZ:16167	SP-BL-X048	AC/DC 48 V, for BL1600/BL1000	0.22	1
OEZ:16166	SP-BL-X110	AC/DC 110 V, for BL1600/BL1000	0.22	1
OEZ:16165	SP-BL-X230	AC 230 V / DC 220 V, for BL1600/BL1000	0.22	1
OEZ:16164	SP-BL-X400	AC 400 V, for BL1600/BL1000	0.22	1
OEZ:16163	SP-BL-X500	AC 500 V, for BL1600/BL1000	0.22	1



BZ-BX-X230-A

DELAY UNIT

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:36696	BZ-BX-X230-A	for undervoltage releases, AC 230 V / DC 220 V, for SP-BC-..., SP-BD-..., SP-BH-..., SP-BL-...	0.12	1



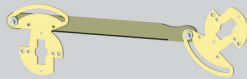
RP-BL-CK10



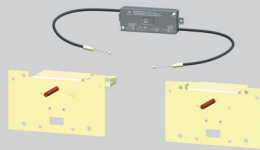
RP-BL-CP10

HAND DRIVES

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:20850	RP-BL-CK10	hand drive unit, for BL1600/BL1000	0.23	1
OEZ:20865	RP-BL-CP10	hand drive lever, black, lockable, for BL1600/BL1000	0.261	1
OEZ:20867	RP-BL-CP11	hand drive lever, red, lockable, for BL1600/BL1000	0.261	1
OEZ:20870	RP-BL-CN10	hand drive bearing, IP44, label - black, for BL1600/BL1000	1.1	1
OEZ:19103	RP-BL-CN20	hand drive bearing, IP66, label - black, for BL1600/BL1000	1.1	1
OEZ:20875	RP-BL-CH10	extension shaft, for BL1600/BL1000	0.352	1
OEZ:20678	RP-BL-CK52	hand drive unit, 2 pcs, with the same lock and key, for BL1600/BL1000	0.23	1
OEZ:20679	RP-BL-CK53	hand drive unit, 3 pcs, with the same lock and key, for BL1600/BL1000	0.23	1
OEZ:20680	RP-BL-CK54	hand drive unit, 4 pcs, with the same lock and key, for BL1600/BL1000	0.23	1
OEZ:20681	RP-BL-CK55	hand drive unit, 5 pcs, with the same lock and key, for BL1600/BL1000	0.23	1



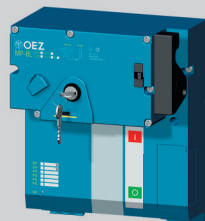
RP-BL-CB10



MB-BL-PP07

MECHANICAL INTERLOCKING

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:20880	RP-BL-CB10	for hand drive, for BL1600/BL1000	0.12	1
OEZ:19807	MB-BL-PP07	with Bowden cable, between two circuit breakers, in fixed design, for BL1600/BL1000	0.4	1
OEZ:20529	MB-BL-PV08	with Bowden cable, between two circuit breakers, 1st in fixed design, 2nd in withdrawable design, for BL1600/BL1000	0.4	1
OEZ:20528	MB-BL-VV06	with Bowden cable, between two circuit breakers, in withdrawable design, for BL1600/BL1000	0.4	1



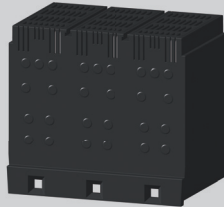
MP-BL-X230

MOTOR DRIVES

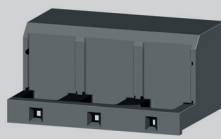
Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:11601	MP-BL-X110	AC/DC 110 V, for BL1600/BL1000	4.35	1
OEZ:11600	MP-BL-X230	AC 230 V / DC 220 V, for BL1600/BL1000	4.35	1
OEZ:11604	MP-BL-X110-P	AC/DC 110 V, counter of cycles, for BL1600/BL1000	4.4	1
OEZ:11605	MP-BL-X230-P	AC 230 V / DC 220 V, counter of cycles, for BL1600/BL1000	4.4	1



OD-BL-KS02



OD-BL-KS09



OD-BL-KS01



OD-BL-KS03



OD-BL-KA01



OD-BL-MS02



OD-BL-KT01

ACCESSORIES

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:20910	OD-BL-KS02	insulating barriers, for fixed design, 2 pcs, for BL1600/BL1000	0.264	1
OEZ:20569	OD-BL-KS08	insulating barriers, for withdrawable device, 2 pcs, for BL1600/BL1000	0.142	1
OEZ:39893	OD-BL-KS09	for fixed design, IP20, for BL1600/BL1000	0.7	1
OEZ:20810	OD-BL-KS01	terminal cover, IP20, for BL1600/BL1000	0.287	1
OEZ:20940	OD-BL-KS04	terminal cover, for withdrawable device, front connection, for BL1600/BL1000	0.168	1
OEZ:20920	OD-BL-KS03	insulating grommets, IP20, rear connection, for BL1600/BL1000	0.1	1
OEZ:13621	OD-BL-UP01	lockable lever, for BH630	0.041	1
OEZ:13924	OD-BL-VP01	bolt sealing insert, for BL1600/BL1000	0.003	1
OEZ:21030	OD-BL-KA01	connecting cable, for circuit breaker in withdrawable design, for BL1600/BL1000	0.12	1
OEZ:14643	OD-BL-KT01	cover of switch on button, for motor drive, for BL1600/BL1000	0.019	1
OEZ:21020	SO-BL-0010	signalling of position, for circuit breaker in withdrawable design, for BL1600/BL1000	0.02	1

SPARE PARTS

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:14855	OD-BL-MS02	set of screws M8x60, 4 pcs, for withdrawable device, for BL1600/BL1000	0.144	1
OEZ:34459	OD-BL-SP01	control lever	0.03	1
OEZ:14854	OD-BL-MS01	set of screws M8x80, 4 pcs, for fixed design, for BL1600/BL1000	0.143	1
OEZ:34463	OD-BL-KON2	connector and sockets, for MP-BL	0.004	1
OEZ:34462	OD-BX-KON1	connector and sockets, for OD-BHD-KA01, OD-BL-KA01	0.017	1

Air circuit breakersC2

AIR CIRCUIT BREAKERS





ARION WL1116-2FG32-4GA4



ARION WL1232-3CB32-4GA2



ARION WL1363-4CB31-4GA2

Specifications

Size		I	II	III	
Rated current	I_n		800 A		
			630 A	1 000 A	
			800 A	1 250 A	
			1 000 A	1 600 A	4 000 A
			1 250 A	2 000 A	5 000 A
			1 600 A	2 500 A	6 300 A
			2 000 A	3 200 A	
			4 000 A		
Rated operating voltage	U_e	AC 690, 1 000 V	AC 690, 1 000, 1 150 V	AC 690, 1 000, 1 150 V	
Rated frequency	f_n	50/60 Hz	50/60 Hz	50/60 Hz	
Utilization category		B	B	B	
Rated short-circuit ultimate breaking capacity at $U_e = 415$ V AC	I_{cu}	N - 55 kA S - 66 kA H - 85 kA	N - 66 kA S - 80 kA H - 100 kA C - 130 kA	H - 100 kA C - 150 kA (3-pole), 130 kA (4-pole)	
Rated short-time withstand current at $U_e = 690$ V AC	I_{cw}	N - 42 kA / 1 s S - 50 kA / 1 s H - 66 kA / 1 s	N - 55 kA / 1 s S - 66 kA / 1 s H - 85 kA / 1 s C - 100 kA / 1 s	H - 100 kA / 1 s C - 100 kA / 1 s	
Rated short-circuit making capacity at $U_e = 415$ V AC	I_{cm}	N - 121 kA S - 145 kA H - 187 kA	N - 145 kA S - 176 kA H - 220 kA C - 286 kA	H - 220 kA C - 330 kA (3-pole), 286 kA (4-pole)	
Dimensions W x H x D (3-pole/4-pole)					
fixed design		320/410 x 440 x 291 mm	460/590 x 440 x 291 mm	704/914 x 440 x 291 mm	
withdrawable design		320/410 x 468 x 385 mm	460/590 x 468 x 385 mm	704/914 x 468 x 385 mm	
Number of poles		3, 4	3, 4	3, 4	

Design and accessories

Withdrawable design	●	●	●
Front/rear connection	●/●	●/●	●/●
Switches auxiliary/signal	●/●	●/●	●/●
Shunt trip	●	●	●
Undervoltage release / delayed	●/●	●/●	●/●
Motor drive	●	●	●
Mechanical interlocking	●	●	●

● available, – unavailable, + being prepared



Circuit breaker in withdrawable design

Type identification configuration table

Type identification		ARION WL	2	20	3	CB	3	6	4	G	A	2	-Z	+K07
Size														
size I	from 630 to 2 000 A		1											
size II	from 800 to 4 000 A		2											
size III	from 4 000 to 6 300 A		3											
Rated current														
630 A	size I		06											
800 A	size I, II		08											
1 000 A	size I, II		10											
1 250 A	size I, II		12											
1 600 A	size I, II		16											
2 000 A	size I, II		20											
2 500 A	size II		25											
3 200 A	size II		32											
4 000 A	size II, III		40											
5 000 A	size III		50											
6 300 A	size III		63											
Rated short-circuit ultimate breaking capacity														
N – ECO	55 kA for size I, 66 kA for size II		2											
S – STANDARD	66 kA for size I, 80 kA for size II		3											
H – HIGH	85 kA for size I, 100 kA for size II and size III		4											
C – EXTRA	130 kA for size II and III (4-pole), 150 kA for size III (3-pole)		5											
Overcurrent release														
without overcurrent release	switch-disconnector		AA											
ETU25B	protective functions		CB											
ETU45B - without display	protective functions		EB											
ETU45B - with display	protective functions		FB											
ETU76B - with graphic display	protective functions		NB											
Number of poles														
3-pole			3											
4-pole			4											
Design		Connection type												
fixed	rear vertical connection		1											
fixed	rear horizontal connection		2											
fixed	front connection		4											
withdrawable	rear horizontal connection		6											
withdrawable	rear vertical connection		7											
Drive		Closing release												
hand drive			1											
hand and motor drive AC 208 ÷ 240V / DC 220 ÷ 250V	AC 208 ÷ 240 V / DC 220 ÷ 250 V		4											
hand and motor drive AC 110 ÷ 127V / DC 110 ÷ 125V	AC 110 ÷ 127 V / DC 110 ÷ 125 V		5											
hand and motor drive DC 24 ÷ 30V	DC 24 V		6											
1st auxiliary release														
without 1st auxiliary release			A											
shunt trip	DC 24 V		B											
shunt trip	AC 110 ÷ 127 V / DC 110 ÷ 125 V		F											
shunt trip	AC 208 ÷ 240 V / DC 220 ÷ 250 V		G											
2nd auxiliary release														
without 2nd auxiliary release			A											
shunt trip	DC 24 V		B											
shunt trip	AC 110 ÷ 127 V / DC 110 ÷ 125 V		F											
shunt trip	AC 208 ÷ 240 V / DC 220 ÷ 250 V		G											
undervoltage release	DC 24 V		J											
undervoltage release	AC 110 ÷ 127 V / DC 110 ÷ 125 V		M											
undervoltage release	AC 208 ÷ 240 V / DC 220 ÷ 250 V		N											
Auxiliary switches														
2 NO + 2 NC			2											
4 NO + 4 NC			4											
Accessories (it is possible to fill in more codes at a time separated by positive sign +)														
electrical ON button on the front panel			C11											
signal switch „Storage device state“			C20											
signal switch „Ready-to-close“			C22											
signal switch „Switched off by overcurrent release“			K07											
signal switch of circuit breaker position in the plug-in frame			R15											
door sealing frame			T40											
locking devices against unauthorized closing on the front control panel			S01											

The table does not contain all versions of circuit breakers/disconnectors Arion WL. For complete range use the catalogue of Air circuit breakers Arion.

NOTES

A large grid of small dots for taking notes, consisting of approximately 25 columns and 40 rows.

Fuse switch-disconnectors, fuse disconnectors and fuse holders for cylindrical fuse-links.....	D2
Fuse switch-disconnectors.....	D4
Fuse switch-disconnectors of vertical design and fuse-rails.....	D8
HRC fuse-links.....	D13
Fuse-links for semiconductor protection.....	D16
Fuse-bases and fuse holders.....	D20
MV fuse-links.....	D23

FUSE SYSTEMS

D

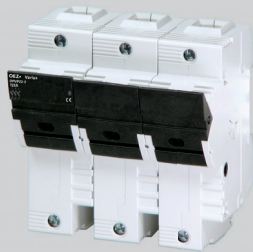




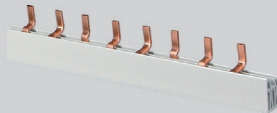
OPVP10-3



OPVP14-3



OPVP22-3



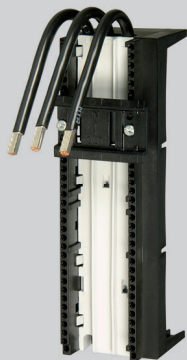
S3L-1000-16



S3L-27-156-16SN



AS-50-S-AL01



GA-60/63/54-1X7,5

FUSE SWITCH-DISCONNECTORS OPVP

Type	OPVP10	OPVP14	OPVP22
Rated operating current	I_e 32 A	63 A	125 A
Rated operating voltage	U_e AC 690 V DC 440 V	AC 690 V DC 440 V	AC 690 V DC 440 V
LED signalling voltage range	AC/DC 110 ÷ 690 V		
Utilization category	AC 400 V	AC-21B	AC-21B
	AC 690 V	AC-20B	AC-21B
	DC 100 V	DC-21B	1-pole connection DC-21B
	DC 250 V	DC-21B	2- and 3-pole connection DC-21B
Fuse-link size	10x38	14x51	22x58

Code	Type	Number of poles	Weight [kg]	Package [pcs]
OPVP10				
OEZ-41013	OPVP10-1	1	0.063	12
OEZ-43683	OPVP10-1-S	1	0.068	12
OEZ-43686	OPVP10-1N	1+N	0.133	6
OEZ-41014	OPVP10-2	2	0.128	6
OEZ-43684	OPVP10-2-S	2	0.137	6
OEZ-41015	OPVP10-3	3	0.193	4
OEZ-43685	OPVP10-3-S	3	0.193	4
OEZ-43687	OPVP10-3N	3+N	0.271	4

OPVP10-S with fuse-links state indication

Code	Type	Number of poles	Weight [kg]	Package [pcs]
OPVP14				
OEZ-41024	OPVP14-1	1	0.097	6
OEZ-43688	OPVP14-1-S	1	0.098	6
OEZ-43691	OPVP14-1N	1+N	0.218	3
OEZ-41025	OPVP14-2	2	0.202	3
OEZ-43689	OPVP14-2-S	2	0.203	3
OEZ-41026	OPVP14-3	3	0.304	2
OEZ-43690	OPVP14-3-S	3	0.305	2
OEZ-43692	OPVP14-3N	3+N	0.427	1

OPVP14-S with fuse-links state indication

Code	Type	Number of poles	Weight [kg]	Package [pcs]
OPVP22				
OEZ-41035	OPVP22-1	1	0.158	6
OEZ-43693	OPVP22-1-S	1	0.159	6
OEZ-43696	OPVP22-1N	1+N	0.358	3
OEZ-41036	OPVP22-2	2	0.322	3
OEZ-43694	OPVP22-2-S	2	0.323	3
OEZ-41037	OPVP22-3	3	0.486	2
OEZ-43695	OPVP22-3-S	3	0.487	2
OEZ-43697	OPVP22-3N	3+N	0.675	1

OPVP22-S with fuse-links state indication

Code	Type	Description	Weight [kg]	Package [pcs]
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Accessories for OPVP10

OEZ-38475	S1L-210-10	interconnecting busbar, 1-pole design, cross-section 10 mm ² , spacing 17.8 mm, number of outlets 12, pins	0.047	50
OEZ-37375	S1L-1000-16	interconnecting busbar, 1-pole design, cross-section 16 mm ² , spacing 17.8 mm, number of outlets 57, pins	0.302	50
OEZ-38476	S2L-210-10	interconnecting busbar, 2-pole design, cross-section 10 mm ² , spacing 17.8 mm, number of outlets 2x 6, pins	0.110	20
OEZ-37378	S2L-1000-16	interconnecting busbar, 2-pole design, cross-section 16 mm ² , spacing 17.8 mm, number of outlets 2x 28, pins	0.447	20
OEZ-38482	S3L-210-10	interconnecting busbar, 3-pole design, cross-section 10 mm ² , spacing 17.8 mm, number of outlets 3x 4, pins	0.110	25
OEZ-37379	S3L-1000-16	interconnecting busbar, 3-pole design, cross-section 16 mm ² , spacing 17.8 mm, number of outlets 3x 19, pins	0.737	20
OEZ-37383	EKC-1	end cap, for 1-pole rails, cross-section 10, 12, 16 mm ²	0.0005	10
OEZ-37384	EKC-2+3	end cap, for 2-pole rails, for 3-pole rails, cross-section 16 mm ²	0.001	10
OEZ-37385	EKC-3	end cap, for 3-pole rails, cross-section 10 mm ²	0.001	10
OEZ-37388	ES-35-GS	power supply unit, cross-section 35 mm ² , for interconnecting busbars	0.035	10
OEZ-43147	EKD-5	outlet cover for all rail types	0.004	10
OEZ-43149	AS-50-S-L	terminal extension, pin, cross-section 6 ÷ 50 mm ² , for OPVP10, OPVP14	0.033	1
OEZ-43148	OD-OPV-AD45	adapter on "U" rail TH35 for OPVP10	0.008	1
OEZ-11883	GA-60/63/54-1x7,5	adapter for busbar system, In 63 A, Un AC/DC 690 V, busbar spacing 60 mm, width 54 mm, 1x "U" rail TH35	0.560	1

Accessories for OPVP14

OEZ-37380	S3L-27-1000-16	interconnecting busbar, 3-pole design, cross-section 16 mm ² , spacing 27 mm, number of outlets 3x 12, pins	0.240	1
OEZ-37381	S3L-27-1000-25	interconnecting busbar, 3-pole design, cross-section 25 mm ² , spacing 27 mm, number of outlets 3x 12, pins	0.240	1
OEZ-11892	S3L-27-156-16SN	interconnecting busbar, 3-pole design, cross-section 16 mm ² , spacing 26.8 mm, number of outlets 3x 2, tinned contacts, pins, for 2x OPVP14-3	0.065	1
OEZ-37384	EKC-2+3	end cap for 2-pole rails, for 3-pole rails, cross-section 16 mm ²	0.001	10
OEZ-37386	EKC-3-36	end cap, for 3-pole rails, for 4-pole rails, cross-section 25 mm ²	0.002	10
OEZ-37388	ES-35-GS	power supply unit, cross-section 35 mm ² , for interconnecting busbars	0.035	10
OEZ-43147	EKD-5	outlet cover for all rail types	0.004	10
OEZ-38749	AS-50-S-AL01	terminal extension, pin, cross-section Cu/Al 2.5 ÷ 50 mm ² , for OPVP14	0.020	15
OEZ-43149	AS-50-S-L	terminal extension, pin, cross-section 6 ÷ 50 mm ² , for OPVP10, OPVP14	0.033	1
OEZ-11883	GA-60/63/54-1x7,5	adapter for busbar system, In 63 A, Un AC/DC 690 V, busbar spacing 60 mm, width 54 mm, 1x "U" rail TH35	0.560	1



Code	Type	Description	Weight [kg]	Package [pcs]
Accessories for OPVP22				
OEZ:35954	CS-OPV22-3L2	interconnecting busbar, I _{max} 200 A, 3-pole design, cross-section 35 mm ² , spacing 35.3 mm, number of outlets 3x 2, for OPVP22	0.184	5
OEZ:35955	CS-OPV22-3L3	interconnecting busbar, I _{max} 200 A, 3-pole design, cross-section 35 mm ² , spacing 35.3 mm, number of outlets 3x 3, for OPVP22	0.320	5
OEZ:35956	CS-OPV22-3L4	interconnecting busbar, I _{max} 200 A, 3-pole design, cross-section 35 mm ² , spacing 35.3 mm, number of outlets 3x 4, for OPVP22	0.452	5
OEZ:35957	CS-OPV22-3L5	interconnecting busbar, I _{max} 200 A, 3-pole design, cross-section 35 mm ² , spacing 35.3 mm, number of outlets 3x 5, for OPVP22	0.590	5
OEZ:13740	CS-FH000-3NP95	terminal extension with straight terminal, cross-section Cu/Al 35 ÷ 95 mm ² , set of 3 pcs, for FH000-3./T, OPVP22	0.184	1
OEZ:15589	CS-FH000-3ND95	terminal extension with long terminal, cross-section Cu/Al 35 ÷ 95 mm ² , set of 3 pcs, for FH000-3./T, OPVP22	0.184	1

Common accessories

OEZ:38614	MD-M3	electronic signalling of fuse state for remote signalling of fuse state	0.150	1
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FUSE DISCONNECTORS OPT

Type	OPT22	OPT20
Rated operating current	I _e 63 A	63 A
Rated operating voltage	U _e AC 1 500 V / DC 1 000 V	AC 1 500 V / DC 1 000 V
Utilization category	AC-20B / DC-20B	AC-20B / DC-20B
Fuse-link size	22x127	20x127

Code	Type	Number of poles	Weight [kg]	Package [pcs]
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OPT

OEZ:08474	OPT22/1	1	0.490	4
OEZ:08344	OPT22/2	2	0.980	2
OEZ:08700	OPT22/3	3	1.440	1
OEZ:08345	OPT22/4	4	1.960	1
OEZ:34403	OPT20/1	1	0.480	1



FUSE HOLDERS OPVF

Typ	OPVF10
Rated current	I _n 30 A
Rated voltage	U _n DC 1 000 V
Fuse-link size	10x38

Code	Type	Number of poles	Weight [kg]	Package [pcs]
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OPVF10

OEZ:41003	OPVF10-1	1	0.071	12
OEZ:41004	OPVF10-2	2	0.144	6



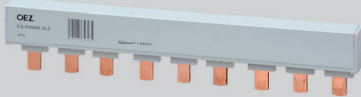
FH000-1A/T



FH000-3A/T



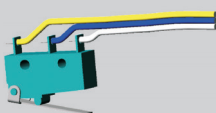
CS-FH000-3NP95



CS-FH000-3L3



OD-FH000-AL60



OD-FH-SK

FUSE SWITCH-DISCONNECTORS

Type	FH000	FH00	FH1	FH2	FH3	LTL4a	
Rated operating current I_e	160 A	160 A	250 A	400 A	630 A	1 250 A	1 600 A
Rated operating voltage U_e	690 V	690 V	690 V	690 V	690 V	690 V	690 V
Thermal current with disconnecting link I_{th}	240 A	250 A	325 A	520 A	750 A	1 250 A	1 600 A
Utilization category	AC 400 V	AC-23B	AC-23B	AC-23B	AC-23B	-	-
	AC 500 V	AC-22B	AC-22B	AC-22B	AC-23B	AC-22B	AC-22B
	AC 690 V	AC-21B	AC-22B	AC-22B	AC-22B	AC-21B	AC-21B
	DC 250 V	DC-22B	-	-	-	-	-
	DC 440 V	-	DC-21B	DC-21B	DC-21B	DC-21B	-
Fuse-link size	000 (00C)	000 (00C), 00	1	2	3	4a	4a
Connection	Cu conductor 1.5 ÷ 50 mm ²	M8	M10	M10	M12	1x M16	2x M12

Code	Type	Number of poles	Weight [kg]	Package [pcs]
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FH000

OEZ:11899	FH000-1A/T	1	0.280	1
OEZ:12362	FH000-3A/T	3	0.280	1

Code	Type	Number of poles	Weight [kg]	Package [pcs]
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FH000 with remote signalling

OEZ:14000	FH000-1S/T	1	0.320	1
OEZ:11901	FH000-3S/T	3	0.722	1
OEZ:13695	FH000-3SB/T	3	0.658	1

FH000-3SB/. connector without cable

Code	Type	Number of poles	Weight [kg]	Package [pcs]
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FH000 with light signalling

OEZ:20766	FH000-3L/T	3	0.990	1
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Code	Type	Description	Weight [kg]	Package [pcs]
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Connecting sets

OEZ:14378	CS-FH000-1NP95	terminal extension with straight terminal, cross-section Cu/Al 35 ÷ 95 mm ² , 1 pc, for FH000-1./T	0.070	1
OEZ:13740	CS-FH000-3NP95	terminal extension with straight terminal, cross-section Cu/Al 35 ÷ 95 mm ² , set of 3 pcs, for FH000-3./T	0.176	1
OEZ:13742	CS-FH000-3NV95	terminal extension with kick-up terminal, cross-section Cu/Al 35 ÷ 95 mm ² , set of 3 pcs, for FH000-3./T	0.184	1
OEZ:15589	CS-FH000-3ND95	terminal extension with long terminal, cross-section Cu/Al 35 ÷ 95 mm ² , set of 3 pcs, for FH000-3./T	0.184	1
OEZ:14127	N3x10-FH000	terminal extension, pin, triple terminal, cross-section 3x 10 mm ² , set of 3 pcs	0.035	1
OEZ:34315	CS-FH000-3L2	interconnecting busbar, I _{max} 250 A, 3-pole design, cross-section 50 mm ² , spacing 25 mm, number of outlets 3x 2, for FH000	0.555	5
OEZ:34316	CS-FH000-3L3	interconnecting busbar, I _{max} 250 A, 3-pole design, cross-section 50 mm ² , spacing 25 mm, number of outlets 3x 3, for FH000	0.970	5
OEZ:34317	CS-FH000-3L4	interconnecting busbar, I _{max} 250 A, 3-pole design, cross-section 50 mm ² , spacing 25 mm, number of outlets 3x 4, for FH000	1.386	5
OEZ:34318	CS-FH000-3L5	interconnecting busbar, I _{max} 250 A, 3-pole design, cross-section 50 mm ² , spacing 25 mm, number of outlets 3x 5, for FH000	1.801	5

Accessories

OEZ:18643	OD-FH000-AL60	adapter for busbar system, spacing 60 mm, busbar thickness 5 ÷ 12 mm, for FH000	0.525	1
OEZ:18652	OD-FH000-KPA	connecting space cover for adapter for OD-FH000-AL60	0.038	1
OEZ:38427	OD-FH000-VU	locking insert for FH000	0.004	1
OEZ:14136	OD-FH000-SS24	assembly kit for assembly of 2-pole or 4-pole switch-disconnector	0.004	1
OEZ:15185	OD-FH000-Z1	barrier, accidental contact protection for FH000-1	0.006	1
OEZ:15186	OD-FH000-Z3	barrier, accidental contact protection for FH000-3	0.006	1
OEZ:12928	OD-FH000-KR	front shield for FH000-3	0.018	1
OEZ:12929	OD-FH-SK	remote signalling of cover position, make-and-break contact, cable length 1 m	0.031	1

Spare parts

OEZ:33720	ND-FH000-V1	1-pole cover without signalling of fuse state, size 000	0.075	1
OEZ:33719	ND-FH000-V3	3-pole cover without signalling of fuse state, size 000	0.182	1
OEZ:14135	ND-FH000-VS1	1-pole cover with signalling of fuse state, includes a cable with connector	0.112	1
OEZ:14134	ND-FH000-VS3	3-pole cover with signalling of fuse state, includes a cable with connector	0.280	1
OEZ:33509	ND-FH000-VL3	3-pole cover with light signalling of fuse state, size 000	0.320	1



FH00-1A/F



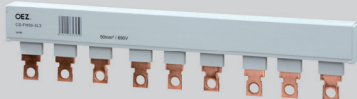
FH00-3A/F



CS-FH00-3N



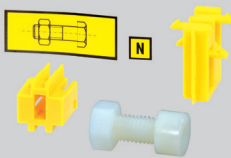
CS-FH00-3S



CS-FH00-3L3



OD-FH00-AL60



OD-FH00-SS24



OD-FH00-Z3

Code	Type	Number of poles	Weight [kg]	Package [pcs]
FH00				
OEZ:18621	FH00-1A/F	1	0.270	1
OEZ:18622	FH00-3A/F	3	0.784	1

Code	Type	Number of poles	Weight [kg]	Package [pcs]
FH00 with remote signalling				
OEZ:18623	FH00-1S/F	1	0.287	1
OEZ:18624	FH00-3S/F	3	0.712	1
OEZ:18625	FH00-3SB/F	3	0.825	1

FH00-3SB/. connector without cable

Code	Type	Number of poles	Weight [kg]	Package [pcs]
FH00 with light signalling				
OEZ:20767	FH00-3L/F	3	0.790	1

Code	Typ	Description	Weight [kg]	Package [pcs]
Connecting sets				
OEZ:18626	CS-FH00-1S	clip terminal for FH00-1./F, connection of conductors Cu 2.5 ÷ 70 mm ² , 1 pc	0.018	1
OEZ:18627	CS-FH00-3S	clip terminals for FH00-3./F, connection of conductors Cu 2.5 ÷ 70 mm ² , set of 3 pcs	0.054	1
OEZ:18628	CS-FH00-1P1	prismatic clamp for FH00-1./F, connection of conductors Cu/Al 10 ÷ 95 mm ² , 1 pc	0.045	1
OEZ:18629	CS-FH00-3P1	prismatic clamps for FH00-3./F, connection of conductors Cu/Al 10 ÷ 95 mm ² , set of 3 pcs	0.342	1
OEZ:20764	CS-FH00-3N	terminal extension for FH00-3./F, pressing-in nut M8, inbus screws are attached, for two cable lugs, set of 3 pcs	0.051	1
OEZ:20765	CS-FH00-3Z	terminals for rear connection for FH00-3, set of 3 pcs	0.077	1
OEZ:34394	CS-FH00-3L2	interconnecting busbar, I _{max} 250 A, 3-pole design, cross-section 50 mm ² , spacing 33 mm, number of outlets 3x 2, for FH00	0.900	5
OEZ:34395	CS-FH00-3L3	interconnecting busbar, I _{max} 250 A, 3-pole design, cross-section 50 mm ² , spacing 33 mm, number of outlets 3x 3, for FH00	1.601	5
OEZ:34396	CS-FH00-3L4	interconnecting busbar, I _{max} 250 A, 3-pole design, cross-section 50 mm ² , spacing 33 mm, number of outlets 3x 4, for FH00	2.303	5
OEZ:34397	CS-FH00-3L5	interconnecting busbar, I _{max} 250 A, 3-pole design, cross-section 50 mm ² , spacing 33 mm, number of outlets 3x 5, for FH00	3.005	5

Accessories

OEZ:18630	OD-FH00-AL60	adapter for busbar system, spacing 60 mm, busbar thickness 5 ÷ 12 mm, for FH00	0.513	1
OEZ:18632	OD-FH00-KP1	connecting space cover for FH00-1./F	0.013	1
OEZ:18633	OD-FH00-KP3	connecting space cover for FH00-3./F	0.070	1
OEZ:18631	OD-FH00-SS24	assembly kit for assembly of 2-pole or 4-pole switch-disconnector	0.007	1
OEZ:18634	OD-FH00-Z3	barrier, accidental contact protection for FH00-3	0.016	1
OEZ:18635	OD-FH00-KR	front shield for FH00-3	0.026	1
OEZ:12929	OD-FH-SK	remote signalling of cover position, make-and-break contact, cable length 1 m	0.031	1

Spare parts

OEZ:33722	ND-FH00-V1	1-pole cover without signalling of fuse state, size 00	0.083	1
OEZ:33721	ND-FH00-V3	3-pole cover without signalling of fuse state, size 00	0.203	1
OEZ:18680	ND-FH00-VS1	1-pole cover with signalling of fuse state, includes a cable with connector	0.100	1
OEZ:18681	ND-FH00-VS3	3-pole cover with signalling of fuse state, includes a cable with connector	0.238	1
OEZ:33510	ND-FH00-VL3	3-pole cover with light signalling of fuse state, size 00	0.279	1



FH2-3L/F



FH3-3SB/F



FH3-3S/F



CS-FH123-3Z



CS-FH12-3S



CS-FH12-3P1



CS-FH12-3P2

Code	Type	Number of poles	Weight [kg]	Package [pcs]
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FH1, FH2, FH3

OEZ:14362	FH1-1A/F	1	1.164	1
OEZ:14364	FH1-3A/F	3	2.786	1
OEZ:14369	FH2-1A/F	1	1.280	1
OEZ:14368	FH2-3A/F	3	2.980	1
OEZ:14374	FH3-1A/F	1	1.710	1
OEZ:14373	FH3-3A/F	3	4.992	1

Code	Type	Number of poles	Weight [kg]	Package [pcs]
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FH1, FH2, FH3 with remote signalling

OEZ:14363	FH1-1S/F	1	1.160	1
OEZ:14365	FH1-3S/F	3	2.800	1
OEZ:14367	FH1-3SB/F	3	2.750	1
OEZ:14371	FH2-1S/F	1	1.292	1
OEZ:14370	FH2-3S/F	3	2.995	1
OEZ:14372	FH2-3SB/F	3	2.990	1
OEZ:14376	FH3-1S/F	1	1.722	1
OEZ:14375	FH3-3S/F	3	4.295	1
OEZ:14377	FH3-3SB/F	3	5.018	1

FH-3SB/ . connector without cable

Code	Type	Number of poles	Weight [kg]	Package [pcs]
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FH1, FH2, FH3 with light signalling

OEZ:20769	FH1-3L/F	3	2.700	1
OEZ:20770	FH2-3L/F	3	3.332	1
OEZ:20771	FH3-3L/F	3	4.455	1

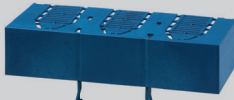
Code	Type	Description	Weight [kg]	Package [pcs]
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Connecting sets

OEZ:15814	CS-FH12-1SM	clip terminal for FH1-1./F, FH2-1./F, connection of conductors Cu 6 ÷ 16 mm ² , 1 pc	0.066	1
OEZ:15591	CS-FH12-1S	clip terminal for FH1-1./F, FH2-1./F, connection of conductors Cu 25 ÷ 150 mm ² , 1 pc	0.073	1
OEZ:15592	CS-FH12-1P1	prismatic clamp for FH1-1./F, FH2-1./F, connection of conductors Cu/Al 70 ÷ 150 mm ² , 1 pc	0.133	1
OEZ:15593	CS-FH12-1P2	double prismatic clamp for FH1-1./F, FH2-1./F, connection of conductors Cu/Al 2x (70 ÷ 95) mm ² , 1 pc	0.193	1
OEZ:15815	CS-FH12-3SM	clip terminals for FH1-3./F, FH2-3./F, connection of conductors Cu 6 ÷ 16 mm ² , set of 3 pcs	0.200	1
OEZ:18226	CS-FH12-3S	clip terminals for FH1-3./F, FH2-3./F, connection of conductors Cu 25 ÷ 150 mm ² , set of 3 pcs	0.229	1
OEZ:18227	CS-FH12-3P1	prismatic clamps for FH1-3./F, FH2-3./F, connection of conductors Cu/Al 70 ÷ 150 mm ² , set of 3 pcs	0.400	1
OEZ:18228	CS-FH12-3P2	double prismatic clamps for FH1-3./F, FH2-3./F, connection of conductors Cu/Al 2x (70 ÷ 95) mm ² , set of 3 pcs	0.580	1
OEZ:15595	CS-FH2-1S	clip terminal for FH2-1./F, connection of conductors 25 ÷ 240 mm ² , 1 pc	0.080	1
OEZ:15596	CS-FH2-1P1	prismatic clamp for FH2-1./F, connection of conductors Cu/Al 16 ÷ 240 mm ² , 1 pc	0.140	1
OEZ:15597	CS-FH2-1P2	double prismatic clamp for FH2-1./F, connection of conductors Cu/Al 2x (120 ÷ 150) mm ² , 1 pc	0.200	1
OEZ:15811	CS-FH2-3S	clip terminals for FH2-3./F, connection of conductors Cu 25 ÷ 240 mm ² , set of 3 pcs	0.240	1
OEZ:15812	CS-FH2-3P1	prismatic clamps for FH2-3./F, connection of conductors Cu/Al 16 ÷ 240 mm ² , set of 3 pcs	0.420	1
OEZ:15813	CS-FH2-3P2	double prismatic clamps for FH2-3./F, connection of conductors Cu/Al 2x (120 ÷ 150) mm ² , set of 3 pcs	0.600	1
OEZ:15800	CS-FH3-1P1	prismatic clamp for FH3-1./F, connection of conductors Cu/Al 120 ÷ 300 mm ² , 1 pc	0.145	1
OEZ:15801	CS-FH3-1P2	double prismatic clamp for FH3-1./F, connection of conductors Cu/Al 2x (120 ÷ 240) mm ² , 1 pc	0.205	1
OEZ:14384	CS-FH3-3P1	prismatic clamps for FH3-3./F, connection of conductors Cu/Al 120 ÷ 300 mm ² , set of 3 pcs	0.435	1
OEZ:14385	CS-FH3-3P2	double prismatic clamps for FH3-3./F, connection of conductors Cu/Al 2x (120 ÷ 240) mm ² , set of 3 pcs	0.615	1
OEZ:15594	CS-FH123-1Z	terminal for rear connection for 1-pole switch-disconnector FH1, FH2, FH3	0.173	1
OEZ:18229	CS-FH123-3Z	terminal for rear connection for 3-pole switch-disconnector FH1, FH2, FH3, set of 3 pcs	0.520	1



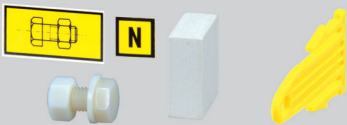
OD-FH1-AL60



OD-FH1-KP3



OD-FH1-Z3



OD-FH123-SS24

OD-FH123-VU



OD-FH1-KR

Code	Type	Description	Weight [kg]	Package [pcs]
Accessories				
OEZ:17270	OD-FH1-AL60	adapter for busbar system, spacing 60 mm, busbar thickness 5 ÷ 12 mm, for FH1	1.100	1
OEZ:17269	OD-FH1-KP1	connecting space cover for FH1-1	0.038	1
OEZ:17268	OD-FH1-KP3	connecting space cover for FH1-3	0.145	1
OEZ:17271	OD-FH1-Z3	barrier, accidental contact protection for FH1-3	0.045	1
OEZ:17267	OD-FH1-KR	front shield for FH1-3	0.036	1
OEZ:14382	OD-FH2-AL60	adapter for busbar system, spacing 60 mm, busbar thickness 5 ÷ 12 mm, for FH2	1.350	1
OEZ:14381	OD-FH2-KP1	connecting space cover for FH2-1	0.052	1
OEZ:14380	OD-FH2-KP3	connecting space cover for FH2-3	0.158	1
OEZ:14383	OD-FH2-Z3	barrier, accidental contact protection for FH2-3	0.045	1
OEZ:14379	OD-FH2-KR	front shield for FH2-3	0.036	1
OEZ:19557	OD-FH3-AL60	adapter for busbar system, spacing 60 mm, busbar thickness 5 ÷ 12 mm, for FH3	1.600	1
OEZ:14388	OD-FH3-KP1	connecting space cover for FH3-1	0.075	1
OEZ:14387	OD-FH3-KP3	connecting space cover for FH3-3	0.210	1
OEZ:14390	OD-FH3-Z3	barrier, accidental contact protection for FH3-3	0.040	1
OEZ:14386	OD-FH3-KR	front shield for FH3-3	0.036	1
OEZ:18230	OD-FH123-VU	locking insert for padlock for FH1, FH2, FH3	0.006	1
OEZ:17266	OD-FH123-SS24	assembly kit for assembly of 2-pole or 4-pole switch-disconnector for FH1, FH2, FH3	0.049	1
OEZ:12929	OD-FH-SK	remote signalling of cover position, make-and-break contact, cable length 1 m	0.031	1

Spare parts

OEZ:33724	ND-FH1-V1	1-pole cover without signalling of fuse state, size 1	0.260	1
OEZ:33723	ND-FH1-V3	3-pole cover without signalling of fuse state, size 1	0.614	1
OEZ:18682	ND-FH1-VS1	1-pole cover with signalling of fuse state, includes a cable with connector	0.276	1
OEZ:18683	ND-FH1-VS3	3-pole cover with signalling of fuse state, includes a cable with connector	0.649	1
OEZ:33511	ND-FH1-VL3	3-pole cover with light signalling of fuse state, size 1	0.669	1
OEZ:33726	ND-FH2-V1	1-pole cover without signalling of fuse state, size 2	0.291	1
OEZ:33725	ND-FH2-V3	3-pole cover without signalling of fuse state, size 2	0.729	1
OEZ:18684	ND-FH2-VS1	1-pole cover with signalling of fuse state, includes a cable with connector	0.307	1
OEZ:18685	ND-FH2-VS3	3-pole cover with signalling of fuse state, includes a cable with connector	0.764	1
OEZ:33512	ND-FH2-VL3	3-pole cover with light signalling of fuse state, size 2	0.805	1
OEZ:33728	ND-FH3-V1	1-pole cover without signalling of fuse state, size 3	0.342	1
OEZ:33727	ND-FH3-V3	3-pole cover without signalling of fuse state, size 3	1.180	1
OEZ:18686	ND-FH3-VS1	1-pole cover with signalling of fuse state, includes a cable with connector	0.358	1
OEZ:18687	ND-FH3-VS3	3-pole cover with signalling of fuse state, includes a cable with connector	0.967	1
OEZ:33513	ND-FH3-VL3	3-pole cover with light signalling of fuse state, size 3	1.007	1
OEZ:33519	ND-FH-SZ10	connector for 1-pole switch-disconnector with remote signalling of fuse state, without cable, with 3 pins	0.028	1
OEZ:33520	ND-FH-SZ13	connector for 1-pole switch-disconnector with remote signalling of fuse state, without cable, with 3-core cable	0.045	1
OEZ:33521	ND-FH-SZ30	connector for 3-pole switch-disconnector with remote signalling of fuse state, without cable, with 9 pins	0.038	1
OEZ:33522	ND-FH-SZ39	connector for 3-pole switch-disconnector with remote signalling of fuse state, without cable, with 9-core cable	0.055	1



LTL4a-3X3/9/1600

Code	Type	Number of poles	Weight [kg]	Package [pcs]
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LTL4a up to 1 250 A

OEZ:08213	LTL4a-1x/9/1250	1	5.6	1
OEZ:08211	LTL4a-3x/9/1250	3	16.8	1
OEZ:07886	LTL4a-3x3/9/1250	3	17.7	1

Code	Type	Number of poles	Weight [kg]	Package [pcs]
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LTL4a up to 1 600 A

OEZ:14806	LTL4a-1x/9/1600	1	5.8	1
OEZ:08714	LTL4a-3x/9/1600	3	17.3	1
OEZ:08212	LTL4a-3x3/9/1600	3	18.2	1

Accessories

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:10423	EMV-LTL4a	remote signalling of cover position for 1-pole design, for LTL4a	0.009	1



FSD00-33K-FC



FSD00-33D-FC



CS-FS00-3S



CS-FS00-3P



CS-FS00-3H

FUSE SWITCH-DISCONNECTORS OF VERTICAL DESIGN FOR FUSE-LINKS WITH BLADE CONTACTS

Type	FSD00	FSD1	FSD2	FSD3	SL3
Rated operating current I_e	160 A	250 A	400 A	630 A	910 A
Rated operating voltage U_e	690 V	690 V	690 V	690 V	400 V
Thermal current with disconnecting link I_{th}	240 A	400 A	560 A	800 A (1 000 A - ZP3/1000)	-
Utilization category	AC 400 V	AC-23B	AC-23B	AC-23B	AC-22B
	AC 500 V	AC-22B	AC-22B	AC-22B	-
	AC 690 V	AC-21B	AC-22B	AC-22B	-
	DC 250 V	DC-21B	DC-21B	DC-21B	-
Fuse-link size	000 (00C), 00	1	2	3	3
Busbar spacing	100 mm / 185 mm	185 mm	185 mm	185 mm	185 mm
Connecting screws	M8	M10	M12	M12	M12

Code	Type	Description	Weight [kg]	Package [pcs]
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FSD00, 3-pole control with busbar spacing 100 mm

OEZ-43472	FSD00-33K-F	without cover for connecting space	1.181	1
OEZ-43473	FSD00-33K-FC	with cover for connecting space	1.212	1
OEZ-43474	FSD00-33K-FC-RM1	with cover for connecting space, measuring transformers, transformation ratio 100/5 A, class of accuracy 1	1.612	1
OEZ-43476	FSD00-33K-FC-M1	with cover for connecting space, measuring transformers, transformation ratio 200/5 A, class of accuracy 1	1.612	1
OEZ-43475	FSD00-33K-FC-M05	with cover for connecting space, measuring transformers, transformation ratio 200/5 A, class of accuracy 0.5	1.612	1
OEZ-43477	FSD00-33K-FC-M05C	with cover for connecting space, calibrated measuring transformers, transformation ratio 200/5 A, class of accuracy 0.5	1.612	1

FSD00, 1-pole control with busbar spacing 185 mm

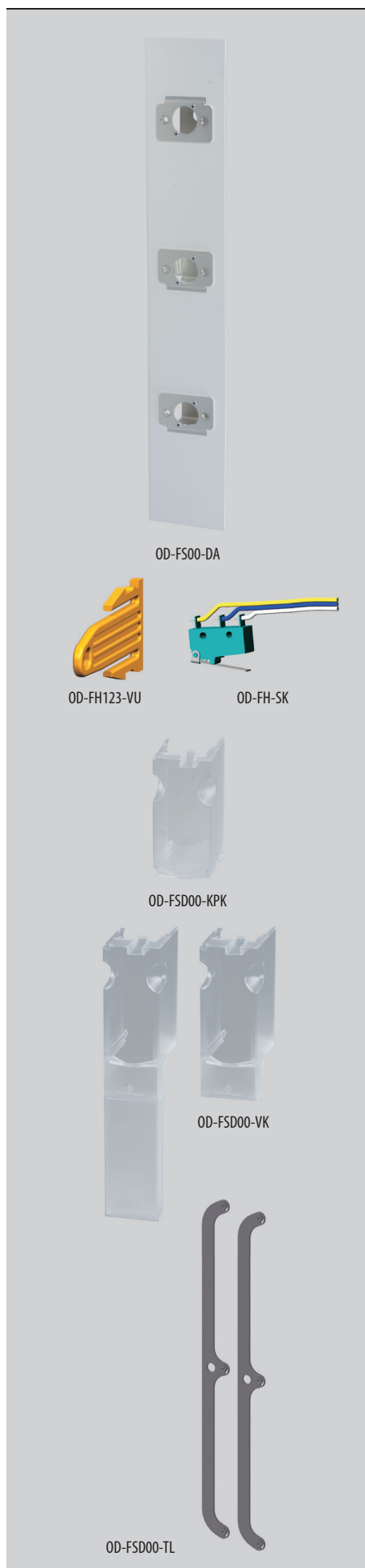
OEZ-43479	FSD00-31D-F	without cover for connecting space	1.582	1
OEZ-43481	FSD00-31D-FC	with cover for connecting space	1.512	1
OEZ-43483	FSD00-31D-FC-RM1	with cover for connecting space, measuring transformers, transformation ratio 100/5 A, class of accuracy 1	2.012	1
OEZ-43487	FSD00-31D-FC-M1	with cover for connecting space, measuring transformers, transformation ratio 200/5 A, class of accuracy 1	2.012	1
OEZ-43485	FSD00-31D-FC-M05	with cover for connecting space, measuring transformers, transformation ratio 200/5 A, class of accuracy 0.5	2.012	1
OEZ-43489	FSD00-31D-FC-M05C	with cover for connecting space, calibrated measuring transformers, transformation ratio 200/5 A, class of accuracy 0.5	2.012	1

FSD00, 3-pole control with busbar spacing 185 mm

OEZ-43480	FSD00-33D-F	without cover for connecting space	1.622	1
OEZ-43482	FSD00-33D-FC	with cover for connecting space	1.652	1
OEZ-43484	FSD00-33D-FC-RM1	with cover for connecting space, measuring transformers, transformation ratio 100/5 A, class of accuracy 1	2.052	1
OEZ-43488	FSD00-33D-FC-M1	with cover for connecting space, measuring transformers, transformation ratio 200/5 A, class of accuracy 1	2.052	1
OEZ-43486	FSD00-33D-FC-M05	with cover for connecting space, measuring transformers, transformation ratio 200/5 A, class of accuracy 0.5	2.052	1
OEZ-43490	FSD00-33D-FC-M05C	with cover for connecting space, calibrated measuring transformers, transformation ratio 200/5 A, class of accuracy 0.5	2.052	1

Connecting sets

OEZ-43421	CS-FS00-3H	connecting hooks for FSD00, FSR00, set of 3 pcs	0.053	1
OEZ-43425	CS-FS00-3S	clip terminals for FSD00, FSR00, connection of conductors Cu 2.5 ÷ 70 mm ² , set of 3 pcs	0.110	1
OEZ-43423	CS-FS00-3P1	prismatic clamps for FSD00, FSR00, connection of conductors Cu/Al 10 ÷ 95 mm ² , set of 3 pcs	0.102	1



OD-FS00-DA

OD-FH123-VU

OD-FH-SK

OD-FSD00-KPK

OD-FSD00-VK

OD-FSD00-TL

Code	Type	Description	Weight [kg]	Package [pcs]
Accessories				
OEZ:43429	OD-FSD00-KA	adapter for busbar system, spacing 185 mm, for FSD00-33K	0.707	1
OEZ:43428	OD-FS00-DA	adapter for busbar system, spacing 185 mm, for FSD00-3.D, FSR00	0.730	1
OEZ:18230	OD-FH123-VU	locking insert, for padlock, for FH1, FH2, FH3, FSD00	0.006	1
OEZ:12929	OD-FH-SK	remote signalling of cover position, make-and-break contact, cable length 1 m	0.031	1
OEZ:43432	OD-FSD00-KPK	connecting space cover, for FSD00-33K	0.062	1
OEZ:43426	OD-FS00-KPD	connecting space cover, for FSD00-3.D, FSR00	0.077	1
OEZ:43433	OD-FSD00-VK	compensation cover, for FSD00-33K	0.143	1
OEZ:43427	OD-FS00-DK	extension cover, for FSD00, FSR00	0.079	1
OEZ:43431	OD-FSD00-TL	lever of 3-pole control, for FSD00-31D, set of 2 pcs	0.045	1
OEZ:43434	OD-FSD00-KMK	free place cover, for FSD00-33K	0.102	1
OEZ:43435	OD-FSD00-KMD	free place cover, for FSD00-3.D	0.148	1
Spare parts				
OEZ:43436	OD-FSD00-V1	cover, size 00, for FSD00-31..	0.048	1



FSD2-31-LW

FSD2-33-LW

FSD2-33-LL



SL3-3x/910/HA

SL3-3x3/910/HA



CS-FS123-WD



OD-FSD123-S

OD-FSD123-TL

OD-FSD123-SK

Code	Type	Description	Weight [kg]	Package [pcs]
FSD1, 1-pole control				
OEZ:43333	FSD1-31-LM	outlet terminals: pressing-in nuts with screws	3.82	1
OEZ:43334	FSD1-31-LM-Z	outlet terminals: pressing-in nuts with screws, plug-in handles	3.79	1
OEZ:43337	FSD1-31-LW	outlet terminals: V-shape terminal for clamp 5845	3.71	1
OEZ:43338	FSD1-31-LW-Z	outlet terminals: V-shape terminal for clamp 5845, plug-in handles	3.68	1
FSD2, 1-pole control				
OEZ:43343	FSD2-31-LM	outlet terminals: pressing-in nuts with screws	4.12	1
OEZ:43344	FSD2-31-LM-Z	outlet terminals: pressing-in nuts with screws, plug-in handles	4.09	1
OEZ:43347	FSD2-31-LW	outlet terminals: V-shape terminal for clamp 5845	3.94	1
OEZ:43348	FSD2-31-LW-Z	outlet terminals: V-shape terminal for clamp 5845, plug-in handles	3.91	1
FSD3, SL3, 1-pole control				
OEZ:43357	FSD3-31-LM	outlet terminals: pressing-in nuts with screws	4.71	1
OEZ:43359	FSD3-31-LW	outlet terminals: V-shape terminal for clamp 5845	4.54	1
OEZ:00275	SL3-3x/910/HA	outlet terminals: pressing-in nuts with screws	13.0	1
FSD1, 3-pole control				
OEZ:43335	FSD1-33-LM	outlet terminals: pressing-in nuts with screws	3.93	1
OEZ:43339	FSD1-33-LW	outlet terminals: V-shape terminal for clamp 5845	3.82	1
FSD2, 3-pole control				
OEZ:43345	FSD2-33-LM	outlet terminals: pressing-in nuts with screws	4.23	1
OEZ:43349	FSD2-33-LW	outlet terminals: V-shape terminal for clamp 5845	4.05	1
FSD3, SL3, 3-pole control				
OEZ:43358	FSD3-33-LM	outlet terminals: pressing-in nuts with screws	4.82	1
OEZ:43360	FSD3-33-LW	outlet terminals: V-shape terminal for clamp 5845	4.65	1
OEZ:00276	SL3-3x3/910/HA	outlet terminals: pressing-in nuts with screws	13.0	1
Switch-disconnector of busbar systems, 1-pole control				
OEZ:43340	FSD1-31-LL		3.36	1
OEZ:43341	FSD1-31-LL-Z	with plug-in handles	3.33	1
OEZ:43350	FSD2-31-LL		3.36	1
OEZ:43351	FSD2-31-LL-Z	with plug-in handles	3.33	1
OEZ:43361	FSD3-31-LL		3.54	1
Switch-disconnector of busbar systems, 3-pole control				
OEZ:43342	FSD1-33-LL		3.47	1
OEZ:43352	FSD2-33-LL		3.47	1
OEZ:43362	FSD3-33-LL		3.65	1
Connecting set				
OEZ:43556	CS-FS123-WD	direct connection of parallel conductors 2x 240 mm ² , for FSD1,2,3; FSR1,2,3	0.720	1
Accessories				
OEZ:43557	OD-FSD123-S	remote signalling of fuse state, make-and-break contact, for FSD1,2,3	0.063	1
OEZ:43562	OD-FSD123-SK	remote signalling of cover position, make-and-break contact, for FSD1,2,3	0.002	1
OEZ:43563	OD-FSD123-TL	lever of 3-pole control, for FSD1-31, FSD2-31, FSD3-31	0.120	1
OEZ:43564	OD-FSD123-KPK	connecting space cover, for FSD1,2,3	0.075	1
OEZ:43565	OD-FS123-KP	connecting space cover, for FSD1,2,3; FSR1,2,3	0.145	1
OEZ:43558	OD-FSD12-VZ	cable outlet earthing cover, for FSD1,2	0.415	1
OEZ:43559	OD-FSD3-VZ	cable outlet earthing cover, for FSD3	0.415	1
OEZ:43560	OD-FSD12-VP	cover for parallel outlet, for FSD1,2	0.170	1
OEZ:43561	OD-FSD3-VP	cover for parallel outlet, for FSD3	0.170	1
OEZ:43407	OD-FSD12-VS	cover with light signalling of fuse state, for FSD1,2	0.170	1
OEZ:43408	OD-FSD3-VS	cover with light signalling of fuse state, for FSD3	0.170	1
OEZ:43566	OD-FS123-KM	free place cover, width 100 mm, for FSD1,2,3; FSR1,2,3	0.230	1
OEZ:43567	OD-FS123-CM	free place cover clip, for FSD1,2,3; FSR1,2,3, set of 4 pcs	0.006	1
OEZ:43646	OD-FSD123-VU	locking insert, for FSD1,2,3	0.008	1
OEZ:11811	HP-SE/L	adapter for parallel outlet, In 100 A, for FSD1,2,3	0.350	1
OEZ:09061	HP-KS	cable terminal, for HP-SE	0.165	1



FSR00-3D-FC



CS-F500-3S



CS-F500-3P



CS-F500-3H



OD-F500-KPD



OD-F500-DK

FUSE-RAILS FOR FUSE-LINKS WITH BLADE CONTACTS

Type		FSR00	FSR1	FSR2	FSR3
Rated current	I_n	160 A	250 A	400 A	630 A
Rated voltage	U_n	690 V	690 V	690 V	690 V
Thermal current with disconnecting link	I_{th}	240 A	400 A	560 A	800 A (1 000 A - ZP3/1000)
Fuse-link size		000 (00C), 00	1	2	3
Width		50 mm	100 mm	100 mm	100 mm
Busbar spacing		185 mm	185 mm	185 mm	185 mm
Connecting screws		M8	M10	M12	M12

Code	Type	Description	Weight [kg]	Package [pcs]
FSR00				
OEZ:43466	FSR00-3D-F	without cover for connecting space	1.330	1
OEZ:43467	FSR00-3D-FC	with cover for connecting space	1.360	1
OEZ:43468	FSR00-3D-FC-RM1	with cover for connecting space, measuring transformers, transformation ratio 100/5 A, class of accuracy 1	1.840	1
OEZ:43470	FSR00-3D-M1	with cover for connecting space, measuring transformers, transformation ratio 200/5 A, class of accuracy 1	1.840	1
OEZ:43469	FSR00-3D-FC-M05	with cover for connecting space, measuring transformers, transformation ratio 200/5 A, class of accuracy 0.5	1.840	1
OEZ:43471	FSR00-3D-FC-M05C	with cover for connecting space, calibrated measuring transformers, transformation ratio 200/5 A, class of accuracy 0.5	1.840	1

Connecting sets

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:43421	CS-F500-3H	connecting hooks for FSD00, FSR00, set of 3 pcs	0.053	1
OEZ:43425	CS-F500-3S	clip terminals for FSD00, FSR00, connection of conductors Cu 2.5 ÷ 70 mm ² , set of 3 pcs	0.110	1
OEZ:43423	CS-F500-3P1	prismatic clamps for FSD00, FSR00, connection of conductors Cu/Al 10 ÷ 95 mm ² , set of 3 pcs	0.102	1

Accessories

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:43428	OD-F500-DA	adapter for busbar system, spacing 185 mm, for FSD00-3.D, FSR00	0.730	1
OEZ:43426	OD-F500-KPD	connecting space cover, for FSD00-3.D, FSR00	0.077	1
OEZ:43427	OD-F500-DK	extension cover, for FSD00, FSR00	0.079	1
OEZ:43430	OD-FSR00-K	fuse cover, for FSR00-3D, set of 3 pcs	0.056	1



FSR2-3K-LW



FSR2-3K-LM

Code	Type	Description	Weight [kg]	Package [pcs]
FSR1				
OEZ:43363	FSR1-3K-LM	outlet terminals: pressing-in nuts with screws	2.690	1
OEZ:43364	FSR1-3K-LW	outlet terminals: V-shape terminal for clamp 5845	2.580	1
OEZ:43365	FSR1-3K-LL	switch-disconnector of busbar systems	2.230	1
FSR2				
OEZ:43366	FSR2-3K-LM	outlet terminals: pressing-in nuts with screws	2.980	1
OEZ:43367	FSR2-3K-LW	outlet terminals: V-shape terminal for clamp 5845	2.810	1
OEZ:43368	FSR2-3K-LL	switch-disconnector of busbar systems	2.230	1
FSR3				
OEZ:43371	FSR3-3K-LM	outlet terminals: pressing-in nuts with screws	3.540	1
OEZ:43372	FSR3-3K-LW	outlet terminals: V-shape terminal for clamp 5845	3.360	1
OEZ:43373	FSR3-3K-LL	switch-disconnector of busbar systems	2.380	1



CS-FS123-WD



OD-FS123-KP



HP-SE/K



HP-KS

Code	Type	Description	Weight [kg]	Package [pcs]
Connecting set				
OEZ:43556	CS-FS123-WD	direct connection of parallel conductors 2x 240 mm ² , for FSD1,2,3; FSR1,2,3	0.720	1

Accessories

OEZ:43565	OD-FS123-KP	connecting space cover, for FSD1,2,3; FSR1,2,3	0.145	1
OEZ:43566	OD-FS123-KM	free place cover, width 100 mm, for FSD1,2,3; FSR1,2,3	0.230	1
OEZ:43567	OD-FS123-CM	free place cover clip, for FSD1,2,3; FSR1,2,3, set of 4 pcs	0.006	1
OEZ:43388	NL-FSD12-31	switch-disconnector superstructure, 1-pole design, for FSR1,2	1.560	1
OEZ:43389	NL-FSD12-33	switch-disconnector superstructure, 3-pole design, for FSR1,2	1.670	1
OEZ:43390	NL-FSD3-31	switch-disconnector superstructure, 1-pole design, for FSR3	1.560	1
OEZ:43391	NL-FSD3-33	switch-disconnector superstructure, 3-pole design, for FSR3	1.670	1
OEZ:11810	HP-SE/K	adapter for parallel outlet, In 100 A, for FSR1,2,3	0.340	1
OEZ:09061	HP-KS	cable terminal, for HP-SE	0.165	1



MA15-FS123-400/5/1



OD-MA-3DV22

MEASURING ADAPTERS FOR FUSE DEVICES OF VERTICAL DESIGN

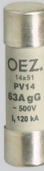
Code	Type	Description	Weight [kg]	Package [pcs]
MA				
OEZ:43698	MA15-FS123-250/5/1	measuring adapter for FSD1,2,3, FSR1,2,3 power output 15 VA, transformation ratio 250/5 A, class of accuracy 1, not calibrated transformers	1.620	1
OEZ:43699	MA15-FS123-400/5/1	measuring adapter for FSD1,2,3, FSR1,2,3 power output 15 VA, transformation ratio 400/5 A, class of accuracy 1, not calibrated transformers	1.620	1
OEZ:43700	MA15-FS123-600/5/1	measuring adapter for FSD1,2,3, FSR1,2,3 power output 15 VA, transformation ratio 600/5 A, class of accuracy 1, not calibrated transformers	1.620	1
OEZ:43701	MA10-FS123-250/5/0,5	measuring adapter for FSD1,2,3, FSR1,2,3 power output 10 VA, transformation ratio 250/5 A, class of accuracy 0,5, not calibrated transformers	1.620	1
OEZ:43702	MA10-FS123-400/5/0,5	measuring adapter for FSD1,2,3, FSR1,2,3 power output 10 VA, transformation ratio 400/5 A, class of accuracy 0,5, not calibrated transformers	1.620	1
OEZ:43703	MA10-FS123-600/5/0,5	measuring adapter for FSD1,2,3, FSR1,2,3 power output 10 VA, transformation ratio 600/5 A, class of accuracy 0,5, not calibrated transformers	1.620	1
OEZ:43704	MA10-FS123-250/5/0,5C	measuring adapter for FSD1,2,3, FSR1,2,3 power output 10 VA, transformation ratio 250/5 A, class of accuracy 0,5, calibrated transformers	1.620	1
OEZ:43705	MA10-FS123-400/5/0,5C	measuring adapter for FSD1,2,3, FSR1,2,3 power output 10 VA, transformation ratio 400/5 A, class of accuracy 0,5, calibrated transformers	1.620	1
OEZ:43706	MA10-FS123-600/5/0,5C	measuring adapter for FSD1,2,3, FSR1,2,3 power output 10 VA, transformation ratio 600/5 A, class of accuracy 0,5, calibrated transformers	1.620	1
OEZ:43707	MA10-FS123-300/5/0,5S	measuring adapter for FSD1,2,3, FSR1,2,3 power output 10 VA, transformation ratio 300/5 A, class of accuracy 0,5S, not calibrated transformers	1.620	1
OEZ:43708	MA10-FS123-400/5/0,5S	measuring adapter for FSD1,2,3, FSR1,2,3 power output 10 VA, transformation ratio 400/5 A, class of accuracy 0,5S, not calibrated transformers	1.620	1
OEZ:43709	MA10-FS123-600/5/0,5S	measuring adapter for FSD1,2,3, FSR1,2,3 power output 10 VA, transformation ratio 600/5 A, class of accuracy 0,5S, not calibrated transformers	1.620	1

Accessories

OEZ:20369	OD-MA-3DV22	spacer for mounting of transformers, set of 3 pcs	0.280	1
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PV10 32A gG



PV14 63A gG



PV22 125A gG

FUSE-LINKS PV

Type		PVA10, PV10	PV14	PV22
Rated voltage	U_n	AC 400 V, 500 V DC 250 V	AC 400 V, 500 V, 690 V DC 250 V	AC 400 V, 500 V, 690 V DC 250 V
Rated current	I_n	0.25 ÷ 32 A	0.25 ÷ 63 A	16 ÷ 125 A
Utilization category		gG, aM	gG, aM	gG, aM
Fuse-link size		10x38	14x51	22x58

Utilization category gG

Code	Type	Weight [kg]	Package [pcs]
10 x 38			
OEZ:40748	PVA10 2A gG	0,008	20
OEZ:40749	PVA10 4A gG	0,008	20
OEZ:40750	PVA10 6A gG	0,008	20
OEZ:40751	PVA10 8A gG	0,008	20
OEZ:40752	PVA10 10A gG	0,008	20
OEZ:40753	PVA10 12A gG	0,008	20
OEZ:06703	PV10 16A gG	0,011	20
OEZ:06705	PV10 20A gG	0,011	20
OEZ:06707	PV10 25A gG	0,011	20
OEZ:45387	PV10 32A gG AC 400V*	0,011	20

* U_n = AC 400 V

Code	Type	Weight [kg]	Package [pcs]
14 x 51			
OEZ:06714	PV14 2A gG*	0.020	10
OEZ:06716	PV14 4A gG*	0.020	10
OEZ:06718	PV14 6A gG*	0.020	10
OEZ:06720	PV14 8A gG*	0.020	10
OEZ:06722	PV14 10A gG*	0.025	10
OEZ:06724	PV14 12A gG*	0.020	10
OEZ:06726	PV14 16A gG*	0.020	10
OEZ:06728	PV14 20A gG*	0.025	10
OEZ:06730	PV14 25A gG*	0.025	10
OEZ:06732	PV14 32A gG*	0.025	10
OEZ:06734	PV14 40A gG	0.026	10
OEZ:06736	PV14 50A gG	0.026	10
OEZ:06738	PV14 63A gG	0.026	10

* U_n = AC 690 V

Code	Type	Weight [kg]	Package [pcs]
22 x 58			
OEZ:06740	PV22 16A gG*	0.054	10
OEZ:06742	PV22 20A gG*	0.054	10
OEZ:06744	PV22 25A gG*	0.054	10
OEZ:06746	PV22 32A gG*	0.054	10
OEZ:06748	PV22 40A gG*	0.054	10
OEZ:06750	PV22 50A gG*	0.054	10
OEZ:06752	PV22 63A gG	0.054	10
OEZ:06754	PV22 80A gG	0.054	10
OEZ:06756	PV22 100A gG	0.054	10
OEZ:18271	PV22 125A gG	0.054	10

* U_n = AC 690 V

Utilization category aM

Code	Type	Weight [kg]	Package [pcs]
10 x 38			
OEZ:40758	PVA10 0,25A aM	0.008	20
OEZ:40759	PVA10 0,5A aM	0.008	20
OEZ:40760	PVA10 1A aM	0.008	20
OEZ:40761	PVA10 2A aM	0.008	20
OEZ:40762	PVA10 4A aM	0.008	20
OEZ:40763	PVA10 6A aM	0.008	20
OEZ:40764	PVA10 8A aM	0.008	20
OEZ:40765	PVA10 10A aM	0.008	20
OEZ:40766	PVA10 12A aM	0.008	20
OEZ:06704	PV10 16A aM	0.011	20
OEZ:06706	PV10 20A aM**	0.011	20
OEZ:06708	PV10 25A aM**	0.011	20
OEZ:06710	PV10 32A aM**	0.011	20

** U_n = AC 400 V

Code	Type	Weight [kg]	Package [pcs]
14 x 51			
OEZ:06711	PV14 0,25A aM*	0.020	10
OEZ:06712	PV14 0,5A aM*	0.020	10
OEZ:06713	PV14 1A aM*	0.020	10
OEZ:06715	PV14 2A aM*	0.020	10
OEZ:06717	PV14 4A aM*	0.020	10
OEZ:06719	PV14 6A aM*	0.020	10
OEZ:06721	PV14 8A aM*	0.020	10
OEZ:06723	PV14 10A aM*	0.020	10
OEZ:06725	PV14 12A aM*	0.020	10
OEZ:06727	PV14 16A aM	0.020	10
OEZ:06729	PV14 20A aM	0.020	10
OEZ:06731	PV14 25A aM	0.020	10
OEZ:06733	PV14 32A aM	0.020	10
OEZ:06735	PV14 40A aM	0.020	10
OEZ:06737	PV14 50A aM**	0.020	10
OEZ:06739	PV14 63A aM**	0.020	10

* U_n = AC 690 V

** U_n = AC 400 V

Code	Type	Weight [kg]	Package [pcs]
22 x 58			
OEZ:06741	PV22 16A aM*	0.060	10
OEZ:06743	PV22 20A aM*	0.060	10
OEZ:06745	PV22 25A aM*	0.060	10
OEZ:06747	PV22 32A aM*	0.060	10
OEZ:06749	PV22 40A aM*	0.060	10
OEZ:06751	PV22 50A aM*	0.060	10
OEZ:06753	PV22 63A aM	0.060	10
OEZ:06755	PV22 80A aM	0.060	10
OEZ:06757	PV22 100A aM	0.060	10
OEZ:06758	PV22 125A aM**	0.060	10

* U_n = AC 690 V

** U_n = AC 400 V

ZPV10



KV

DISCONNECTING LINKS ZP

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:13197	ZPV10	In 32 A, size 10x38 mm, for OPVP10	0.007	10
OEZ:13198	ZPV14	In 63 A, size 14x51 mm, for OPVP14	0.016	10
OEZ:13199	ZPV22	In 125 A, size 22x58 mm, for OPVP22	0.046	10
OEZ:08609	ZPT22	In 63 A, size 22x127 mm, for OPT22	0.097	10

REPLACEMENT TONGS

OEZ:06687	KV	replacement tongs for PVA10, PV10, PV14, PV22	0.020	1
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PNA00 125A gG



PNA1 200A gG



PNA3 630A gG

FUSE-LINKS PNA, utilization category gG

Type	PNA000	PNA00	PNA1	PNA2	PNA3	PN4a
Rated voltage	U_n AC 400 V, 500 V DC 250 V	AC 500 V DC 250 V	AC 500 V DC 440 V	AC 500 V DC 440 V	AC 500 V DC 250 V, 440 V	AC 500 V DC 250 V
Rated current	I_n 6 ÷ 160 A	125 ÷ 160 A	16 ÷ 250 A	35 ÷ 400 A	200 ÷ 630 A	630 ÷ 1 600 A
Utilization category	gG	gG	gG	gG	gG	gG
Fuse-link size	000 (00C)	00	1	2	3	4a

Code	Type	Weight [kg]	Package [pcs]
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PNA000

OEZ:40477	PNA000 6A gG	0.13	3
OEZ:40478	PNA000 10A gG	0.13	3
OEZ:40479	PNA000 16A gG	0.13	3
OEZ:40480	PNA000 20A gG	0.13	3
OEZ:40481	PNA000 25A gG	0.13	3
OEZ:40482	PNA000 32A gG	0.13	3
OEZ:40483	PNA000 35A gG	0.13	3
OEZ:40484	PNA000 40A gG	0.13	3
OEZ:40485	PNA000 50A gG	0.13	3
OEZ:40486	PNA000 63A gG	0.13	3
OEZ:40487	PNA000 80A gG	0.13	3
OEZ:40488	PNA000 100A gG	0.13	3
OEZ:40489	PNA000 125A gG	0.16	3
OEZ:40490	PNA000 160A gG*	0.16	3

* U_n = AC 400 V

PNA00

OEZ:40513	PNA00 125A gG	0.21	3
OEZ:40514	PNA00 160A gG	0.21	3

Code	Type	Weight [kg]	Package [pcs]
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PNA1

OEZ:40428	PNA1 16A gG	0.29	3
OEZ:40429	PNA1 20A gG	0.29	3
OEZ:40430	PNA1 25A gG	0.29	3
OEZ:40431	PNA1 32A gG	0.30	3
OEZ:40432	PNA1 35A gG	0.30	3
OEZ:40433	PNA1 40A gG	0.30	3
OEZ:40434	PNA1 50A gG	0.30	3
OEZ:40435	PNA1 63A gG	0.30	3
OEZ:40436	PNA1 80A gG	0.30	3
OEZ:40437	PNA1 100A gG	0.30	3
OEZ:40438	PNA1 125A gG	0.30	3
OEZ:40439	PNA1 160A gG	0.30	3
OEZ:40440	PNA1 200A gG	0.44	3
OEZ:40441	PNA1 224A gG	0.44	3
OEZ:40442	PNA1 250A gG	0.44	3

PNA3

OEZ:40356	PNA3 200A gG	0.65	3
OEZ:40357	PNA3 224A gG	0.64	3
OEZ:40358	PNA3 250A gG	0.65	3
OEZ:40359	PNA3 315A gG	0.65	3
OEZ:40360	PNA3 350A gG	0.65	3
OEZ:40361	PNA3 400A gG	0.65	3
OEZ:07137	PN3 500A gG	1.08	3
OEZ:07140	PN3 630A gG	1.08	3

Code	Type	Weight [kg]	Package [pcs]
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PNA2

OEZ:40386	PNA2 35A gG	0.45	3
OEZ:40387	PNA2 40A gG	0.45	3
OEZ:40388	PNA2 50A gG	0.45	3
OEZ:40389	PNA2 63A gG	0.45	3
OEZ:40390	PNA2 80A gG	0.45	3
OEZ:40391	PNA2 100A gG	0.45	3
OEZ:40392	PNA2 125A gG	0.45	3
OEZ:40393	PNA2 160A gG	0.45	3
OEZ:40394	PNA2 200A gG	0.45	3
OEZ:40395	PNA2 224A gG	0.45	3
OEZ:40396	PNA2 250A gG	0.45	3
OEZ:40397	PNA2 315A gG	0.45	3
OEZ:40398	PNA2 350A gG	0.65	3
OEZ:40399	PNA2 400A gG	0.65	3

PN4a

OEZ:34386	PN4a 630A gG	2.00	1
OEZ:34387	PN4a 800A gG	2.00	1
OEZ:34388	PN4a 1000A gG	2.00	1
OEZ:34389	PN4a 1250A gG	2.00	1
OEZ:34390	PN4a 1600A gG	2.00	1



PNA2 400A aM

FUSE-LINKS PNA, utilization category aM

Type	PNA000	PNA00	PNA1	PNA2	PNA3
Rated voltage	U_n AC 500 V DC 250 V	AC 500 V DC 250 V	AC 690 V DC 250 V	AC 690 V DC 250 V	AC 690 V DC 250 V
Rated current	I_n 6 ÷ 100 A	100 ÷ 160 A	63 ÷ 250 A	125 ÷ 400 A	315 ÷ 630 A
Utilization category	aM	aM	aM	aM	aM
Fuse-link size	000 (00C)	00	1	2	3

Code	Type	Weight [kg]	Package [pcs]
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PNA000

OEZ:40491	PNA000 6A aM	0.13	3
OEZ:40492	PNA000 10A aM	0.13	3
OEZ:40494	PNA000 16A aM	0.13	3
OEZ:40495	PNA000 20A aM	0.13	3
OEZ:40496	PNA000 25A aM	0.13	3
OEZ:40497	PNA000 32A aM	0.13	3
OEZ:40498	PNA000 40A aM	0.13	3
OEZ:40499	PNA000 50A aM	0.13	3
OEZ:40500	PNA000 63A aM	0.13	3
OEZ:40501	PNA000 80A aM	0.13	3
OEZ:40502	PNA000 100A aM	0.13	3

Code	Type	Weight [kg]	Package [pcs]
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PNA00

OEZ:40515	PNA00 100A aM	0.19	3
OEZ:40516	PNA00 125A aM	0.19	3
OEZ:40517	PNA00 160A aM	0.19	3

PNA1

OEZ:40443	PNA1 63A aM	0.30	3
OEZ:40444	PNA1 80A aM	0.30	3
OEZ:40445	PNA1 100A aM	0.44	3
OEZ:40446	PNA1 125A aM	0.44	3
OEZ:40447	PNA1 160A aM	0.44	3
OEZ:40448	PNA1 200A aM	0.44	3
OEZ:40449	PNA1 250A aM	0.44	3

Code	Type	Weight [kg]	Package [pcs]
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PNA2

OEZ:40400	PNA2 125A aM	0.44	3
OEZ:40401	PNA2 160A aM	0.44	3
OEZ:40402	PNA2 200A aM	0.44	3
OEZ:40403	PNA2 250A aM	0.44	3
OEZ:40404	PNA2 315A aM	0.65	3
OEZ:40405	PNA2 400A aM	0.65	3

PNA3

OEZ:40364	PNA3 315A aM	0.65	3
OEZ:40365	PNA3 400A aM	0.65	3
OEZ:40366	PNA3 500A aM	1.00	3
OEZ:40367	PNA3 630A aM	1.00	3



PHNA000 35A gG



PHNA1 200A gG



PHNA2 200A gG

FUSE-LINKS PHNA

Type	PHNA000	PHNA00	PHNA1	PHNA2	PHNA3	PHN4a
Rated voltage	U _n AC 690 V DC 250 V	AC 690 V DC 250 V	AC 690 V DC 440 V	AC 690 V DC 440 V	AC 690 V DC 440 V	AC 690 V DC 250 V
Rated current	I _n 6 ÷ 50 A	80 ÷ 100 A	50 ÷ 200 A	100 ÷ 315 A	250 ÷ 500 A	630 ÷ 1 000 A
Utilization category	gG	gG	gG	gG	gG	gG
Fuse-link size	000 (00C)	00	1	2	3	4a

Code	Type	Weight [kg]	Package [pcs]
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PHNA000

OEZ:40503	PHNA000 6A gG	0.14	3
OEZ:40504	PHNA000 10A gG	0.14	3
OEZ:40505	PHNA000 16A gG	0.14	3
OEZ:40506	PHNA000 20A gG	0.14	3
OEZ:40507	PHNA000 25A gG	0.14	3
OEZ:40508	PHNA000 32A gG	0.14	3
OEZ:40509	PHNA000 35A gG	0.14	3
OEZ:40510	PHNA000 40A gG	0.14	3
OEZ:40511	PHNA000 50A gG	0.14	3

PHNA00

OEZ:40518	PHNA00 80A gG	0.20	3
OEZ:40519	PHNA00 100A gG	0.20	3

Code	Type	Weight [kg]	Package [pcs]
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PHNA1

OEZ:40450	PHNA1 50A gG	0.30	3
OEZ:40451	PHNA1 63A gG	0.30	3
OEZ:40452	PHNA1 80A gG	0.30	3
OEZ:40453	PHNA1 100A gG	0.30	3
OEZ:40454	PHNA1 125A gG	0.30	3
OEZ:40455	PHNA1 160A gG	0.30	3
OEZ:40456	PHNA1 200A gG	0.43	3

PHNA2

OEZ:40406	PHNA2 100A gG	0.43	3
OEZ:40407	PHNA2 125A gG	0.43	3
OEZ:40408	PHNA2 160A gG	0.43	3
OEZ:40409	PHNA2 200A gG	0.43	3
OEZ:40410	PHNA2 224A gG	0.66	3
OEZ:40411	PHNA2 250A gG	0.68	3
OEZ:40412	PHNA2 315A gG	0.68	3

Code	Type	Weight [kg]	Package [pcs]
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PHNA3

OEZ:40368	PHNA3 250A gG	0.66	3
OEZ:40369	PHNA3 315A gG	0.66	3
OEZ:40370	PHNA3 350A gG	1.00	3
OEZ:40371	PHNA3 400A gG	1.00	3
OEZ:40372	PHNA3 500A gG	1.00	3

PHN4a

OEZ:34391	PHN4a 630A gG	2.00	1
OEZ:34392	PHN4a 800A gG	2.00	1
OEZ:34393	PHN4a 1000A gG	2.00	1



ZP3

DISCONNECTING LINKS

Code	Type	Description	Weight [kg]	Package [pcs]
ZP/TM4a				
OEZ:06401	ZP000	In 160 A, size 000, 00	0.089	3
OEZ:06402	ZP1	In 250 A, size 1	0.170	3
OEZ:06403	ZP2	In 400 A, size 2	0.218	3
OEZ:06404	ZP3	In 630 A, size 3	0.290	3
OEZ:10442	ZP3/1000	In 1 000 A, size 3	0.350	3
OEZ:10446	TM4a/1250A	In 1 250 A, size 4a	1.585	1
OEZ:14801	TM4a/1600A	In 1 600 A, size 4a	1.605	1



D1PH



VL50

SIGNAL CONTACTS for remote signalling of fuse state

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:06528	VL50	for fuses with blade contacts and for fuses for semiconductor protection P5.R06, P50T06, P5.U06, P51V06	0.015	1

REPLACEMENT HANDLES

OEZ:06405	D1PH	with sides, for 1-pole fuse-bases without barriers	0.520	1
OEZ:07372	DP	according to IEC60269, for 1-pole/3-pole fuse-bases with barriers	0.200	1
OEZ:07373	DPM	with protective sleeve to increase operational safety	0.520	1



PV510 32A gR



PV514 63A aR



PV522 125A aR



PC10 10A gPV

CYLINDRICAL FUSE-LINKS PV5, PC10, PT22

Type		PV510	PV514	PV522	PC10	PT22
Rated voltage	U_n AC 690V	6 ÷ 32 A	6 ÷ 63 A	25 ÷ 125 A	-	-
	AC 1 500V	-	-	-	-	1 ÷ 50 A
	DC 1 000V	-	-	-	2 ÷ 20 A	1 ÷ 50 A
	DC 700V	-	6 ÷ 10 A	25 A	-	-
	DC 600V	-	16 ÷ 32 A	32 A	-	-
	DC 440V	6 ÷ 16 A	40 A	40 A	-	-
	DC 250V	20 ÷ 32 A	50 ÷ 63 A	50 ÷ 125 A	-	-
Rated current	I_n	6 ÷ 32 A	6 ÷ 63 A	25 ÷ 125 A	2 ÷ 20 A	1 ÷ 50 A
Utilization category		gR	gR, aR	gR, aR	gPV	gR/gS, gR, aR
Fuse-link size		10x38	14x51	22x58	10x38	22x127

Code	Type	Weight [kg]	Package [pcs]
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PV510

OEZ:15200	PV510 6A gR	0.010	20
OEZ:15202	PV510 10A gR	0.010	20
OEZ:15203	PV510 12A gR	0.010	20
OEZ:15204	PV510 16A gR	0.010	20
OEZ:15205	PV510 20A gR	0.010	20
OEZ:15206	PV510 25A gR	0.010	20
OEZ:15207	PV510 32A gR	0.010	20

PC10

OEZ:41235	PC10 2A gPV	0.010	20
OEZ:41236	PC10 4A gPV	0.010	20
OEZ:41237	PC10 6A gPV	0.010	20
OEZ:41238	PC10 8A gPV	0.010	20
OEZ:41239	PC10 10A gPV	0.010	20
OEZ:41240	PC10 12A gPV	0.010	20
OEZ:41241	PC10 16A gPV	0.010	20
OEZ:41242	PC10 20A gPV	0.010	20

Code	Type	Weight [kg]	Package [pcs]
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PV514

OEZ:08660	PV514 6A gR	0.030	10
OEZ:08670	PV514 10A gR	0.030	10
OEZ:08664	PV514 16A gR	0.030	10
OEZ:08665	PV514 20A gR	0.030	10
OEZ:08666	PV514 25A gR	0.030	10
OEZ:08667	PV514 32A gR	0.030	10
OEZ:08669	PV514 40A gR	0.030	10
OEZ:08661	PV514 50A gR	0.030	10
OEZ:08662	PV514 63A aR	0.030	10

PT22

OEZ:08601	PT22 1A gR/gS	0.096	5
OEZ:08598	PT22 2A gR/gS	0.096	5
OEZ:08342	PT22 4A gR/gS	0.096	5
OEZ:08341	PT22 6A gR/gS	0.096	5
OEZ:08340	PT22 10A gR/gS	0.096	5

Code	Type	Weight [kg]	Package [pcs]
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PV522

OEZ:13790	PV522 25A gR	0.060	10
OEZ:13791	PV522 32A gR	0.060	10
OEZ:13792	PV522 40A gR	0.060	10
OEZ:13793	PV522 50A gR	0.060	10
OEZ:13794	PV522 63A gR	0.060	10
OEZ:13795	PV522 80A gR	0.060	10
OEZ:13796	PV522 100A gR	0.060	10
OEZ:13797	PV522 125A aR	0.060	10

PT22

OEZ:08339	PT22 16A gR/gS	0.096	5
OEZ:08338	PT22 20A gR/gS	0.096	5
OEZ:08668	PT22 25A gR/gS	0.096	5
OEZ:08663	PT22 32A gR/gS	0.096	5
OEZ:08337	PT22 40A gR	0.096	5
OEZ:08343	PT22 50A aR	0.096	5



P51R06 160A aR



P51U06 100A aR

FUSE-LINKS WITH BLADE CONTACTS P51

Type		P51R06	P51U06	P51V06
Rated voltage	U_n	AC 500 V, 690 V DC 440 V	AC 690 V DC 440 V	AC 690 V DC 440 V
Rated current	I_n	6 ÷ 160 A	63 ÷ 315 A	250 ÷ 630 A
Utilization category		gR, aR	gR, aR	aR
Fuse-link size		000	1	2

Code	Type	Weight [kg]	Package [pcs]
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P51R06

OEZ:06632	P51R06 6A gR	0.130	3
OEZ:06633	P51R06 10A gR	0.130	3
OEZ:06634	P51R06 16A gR	0.130	3
OEZ:06635	P51R06 20A gR	0.130	3
OEZ:06636	P51R06 25A gR	0.130	3
OEZ:06637	P51R06 32A gR	0.130	3
OEZ:06638	P51R06 40A gR	0.130	3
OEZ:06639	P51R06 50A gR	0.130	3
OEZ:06640	P51R06 63A gR	0.130	3
OEZ:06641	P51R06 80A aR	0.130	3
OEZ:06642	P51R06 100A aR	0.130	3
OEZ:06643	P51R06 125A aR	0.130	3
OEZ:06644	P51R06 160A aR*	0.130	3

Code	Type	Weight [kg]	Package [pcs]
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P51U06

OEZ:10558	P51U06 63A gR	0.130	3
OEZ:10559	P51U06 80A gR	0.130	3
OEZ:10560	P51U06 100A aR	0.130	3
OEZ:10561	P51U06 125A aR	0.130	3
OEZ:11201	P51U06 160A aR	0.130	3
OEZ:11202	P51U06 200A aR	0.130	3
OEZ:11203	P51U06 250A aR	0.130	3
OEZ:11204	P51U06 315A aR	0.130	3

Code	Type	Weight [kg]	Package [pcs]
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P51V06

OEZ:35990	P51V06 250A aR	0.530	3
OEZ:35991	P51V06 315A aR	0.530	3
OEZ:35992	P51V06 350A aR	0.530	3
OEZ:35993	P51V06 400A aR	0.530	3
OEZ:35994	P51V06 450A aR	0.530	3
OEZ:35995	P51V06 500A aR	0.530	3
OEZ:35996	P51V06 550A aR	0.530	3
OEZ:35997	P51V06 630A aR	0.530	3

* U_n = AC 500 V



P50N06 125A aR



P50R06 160A aR



P50T06 400A aR



P50U06 630A aR

FUSE-LINKS WITH SCREW CONNECTIONS P5. UP TO AC 690 V / DC 440 V

Type		P50K06	P50N06	P50R06	P50T06	P50U06	P52U06
Rated voltage	U_n	AC 690 V DC 440 V	AC 690 V DC 240 V, 440 V	AC 500 V, 690 V DC 440 V	AC 690 V DC 440 V	AC 690 V DC 440 V	AC 690 V DC 440 V
Rated current	I_n	10 ÷ 50 A	25 ÷ 125 A	6 ÷ 160 A	10 ÷ 400 A	100 ÷ 630 A	100 ÷ 630 A
Utilization category		gR	gR, aR	gR, aR	gR, aR	aR	aR
Fuse-link size		-	-	000	00	1	1
Connection spacing / / connecting screw		75 mm / M6	80 mm / M8	80 mm / M8	80 mm / M10	80 mm / M10	110 mm / M10

Code	Type	Weight [kg]	Package [pcs]
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P50K06

OEZ:06593	P50K06 10A gR	0.060	3
OEZ:06594	P50K06 16A gR	0.060	3
OEZ:06595	P50K06 20A gR	0.060	3
OEZ:06596	P50K06 25A gR	0.060	3
OEZ:06597	P50K06 32A gR	0.060	3
OEZ:06598	P50K06 40A gR	0.060	3
OEZ:06599	P50K06 50A gR	0.060	3

Code	Type	Weight [kg]	Package [pcs]
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P50N06

OEZ:06608	P50N06 25A gR	0.130	3
OEZ:06609	P50N06 32A gR	0.130	3
OEZ:06610	P50N06 40A gR	0.100	3
OEZ:06611	P50N06 50A gR	0.130	3
OEZ:06612	P50N06 63A gR	0.130	3
OEZ:06613	P50N06 80A aR	0.130	3
OEZ:06614	P50N06 100A aR	0.130	3
OEZ:06615	P50N06 125A aR*	0.130	3

* U_n = DC 240 V

Code	Type	Weight [kg]	Package [pcs]
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P50R06

OEZ:06618	P50R06 16A gR	0.130	3
OEZ:06619	P50R06 20A gR	0.130	3
OEZ:06620	P50R06 25A gR	0.130	3
OEZ:06621	P50R06 32A gR	0.130	3
OEZ:06622	P50R06 40A gR	0.130	3
OEZ:06623	P50R06 50A gR	0.130	3
OEZ:06624	P50R06 63A gR	0.130	3
OEZ:06625	P50R06 80A aR	0.130	3
OEZ:06626	P50R06 100A aR	0.130	3
OEZ:06627	P50R06 125A aR	0.130	3
OEZ:06628	P50R06 160A aR*	0.130	3

* U_n = AC 500 V

P50T06

OEZ:06646	P50T06 10A gR	0.200	3
OEZ:06647	P50T06 16A gR	0.200	3
OEZ:06648	P50T06 20A gR	0.200	3
OEZ:06649	P50T06 25A gR	0.200	3
OEZ:06650	P50T06 32A gR	0.200	3
OEZ:06651	P50T06 40A gR	0.200	3
OEZ:06652	P50T06 50A gR	0.200	3
OEZ:06653	P50T06 63A gR	0.200	3
OEZ:06654	P50T06 80A gR	0.200	3
OEZ:06655	P50T06 100A gR	0.200	3
OEZ:06656	P50T06 125A aR	0.200	3
OEZ:06657	P50T06 160A aR	0.200	3
OEZ:06658	P50T06 200A aR	0.200	3
OEZ:06659	P50T06 250A aR	0.200	3
OEZ:06660	P50T06 315A aR	0.200	3
OEZ:06661	P50T06 350A aR	0.200	3
OEZ:06662	P50T06 400A aR	0.200	3

P50U06

OEZ:11875	P50U06 100A aR	0.390	3
OEZ:11876	P50U06 125A aR	0.390	3
OEZ:11877	P50U06 160A aR	0.390	3
OEZ:11878	P50U06 200A aR	0.390	3
OEZ:10546	P50U06 250A aR	0.390	3
OEZ:10547	P50U06 315A aR	0.390	3
OEZ:10548	P50U06 350A aR	0.390	3
OEZ:10549	P50U06 400A aR	0.390	3
OEZ:11879	P50U06 450A aR	0.390	3
OEZ:10550	P50U06 500A aR	0.390	3
OEZ:11880	P50U06 550A aR	0.390	3
OEZ:10551	P50U06 630A aR	0.390	3

Code	Type	Weight [kg]	Package [pcs]
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P52U06

OEZ:14836	P52U06 100A aR DIN110	0.430	3
OEZ:14837	P52U06 125A aR DIN110	0.430	3
OEZ:14838	P52U06 160A aR DIN110	0.430	3
OEZ:11886	P52U06 200A aR DIN110	0.430	3
OEZ:10552	P52U06 250A aR DIN110	0.430	3
OEZ:10553	P52U06 315A aR DIN110	0.430	3
OEZ:10554	P52U06 350A aR DIN110	0.430	3
OEZ:10555	P52U06 400A aR DIN110	0.430	3
OEZ:14839	P52U06 450A aR DIN110	0.430	3
OEZ:10556	P52U06 500A aR DIN110	0.430	3
OEZ:14840	P52U06 550A aR DIN110	0.430	3
OEZ:10557	P52U06 630A aR DIN110	0.430	3



P40U10 400A aR



P50U10 630A aR



P50V10 700A aR

FUSE-LINKS WITH SCREW CONNECTIONS P40, P50 UP TO AC 1 000 V / DC 600 V

Type		P40U10	P50U10	P50V10
Rated voltage	U_n	AC 1 000 V DC 600 V	AC 1 000 V DC 600 V	AC 1 000 V DC 600 V
Rated current	I_n	32 ÷ 400 A	400 ÷ 630 A	700 A
Utilization category		gR, aR	aR	aR
Fuse-link size		1	1	2
Connection spacing / connecting screw		110 mm / M10	110 mm / M10	110 mm / M10

without signalling

Code	Type	Weight [kg]	Package [pcs]
P40U10			
OEZ:09013	P40U10 32A gR	0.540	3
OEZ:09014	P40U10 40A gR	0.540	3
OEZ:09015	P40U10 50A gR	0.540	3
OEZ:09016	P40U10 63A gR	0.540	3
OEZ:06548	P40U10 80A aR	0.540	3
OEZ:13501	P40U10 100A aR	0.540	3
OEZ:06551	P40U10 125A aR	0.540	3
OEZ:06553	P40U10 160A aR	0.540	3
OEZ:06555	P40U10 200A aR	0.540	3
OEZ:06557	P40U10 250A aR	0.540	3
OEZ:06559	P40U10 315A aR	0.540	3
OEZ:11245	P40U10 350A aR	0.540	3
OEZ:06561	P40U10 400A aR	0.540	3

with signalling

Code	Type	Weight [kg]	Package [pcs]
P40U10S			
OEZ:11835	P40U10S 32A gR	0.548	3
OEZ:11834	P40U10S 40A gR	0.548	3
OEZ:11833	P40U10S 50A gR	0.548	3
OEZ:11832	P40U10S 63A gR	0.548	3
OEZ:06549	P40U10S 80A aR	0.548	3
OEZ:06550	P40U10S 100A aR	0.548	3
OEZ:06552	P40U10S 125A aR	0.548	3
OEZ:06554	P40U10S 160A aR	0.548	3
OEZ:06556	P40U10S 200A aR	0.548	3
OEZ:06558	P40U10S 250A aR	0.548	3
OEZ:06560	P40U10S 315A aR	0.548	3
OEZ:13749	P40U10S 350A aR	0.548	3
OEZ:06562	P40U10S 400A aR	0.548	3

P50U10

OEZ:08677	P50U10 400A aR	0.540	3
OEZ:08657	P50U10 450A aR	0.540	3
OEZ:08654	P50U10 500A aR	0.540	3
OEZ:08655	P50U10 550A aR	0.540	3
OEZ:08656	P50U10 630A aR	0.540	3

P50U10S

OEZ:20519	P50U10S 400A aR	0.548	3
OEZ:08680	P50U10S 450A aR	0.548	3
OEZ:08681	P50U10S 500A aR	0.548	3
OEZ:17515	P50U10S 550A aR	0.548	3
OEZ:08571	P50U10S 630A aR	0.548	3

P50V10

OEZ:08682	P50V10 700A aR	0.720	3
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P50V10S

OEZ:08683	P50V10S 700A aR	0.725	3
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P50V16 630A aR

FUSE-LINKS WITH SCREW CONNECTIONS P50 UP TO AC 1 800 V / DC 3 000 V

Type		P50V16	P50V16MP	P50V30
Rated voltage	U_n	AC 1 500 V DC 1 000 V, 1 100 V	AC 1 500 V DC 1 000 V	DC 3 000 V
Rated current	I_n	40 ÷ 630 A	630 A	315 A
Utilization category		gR, aR	aR	aR
Fuse-link size		2	2	2
Connection spacing / connecting screw		170 mm / M10	190 mm / M10	330 mm / M10

without signalling

Code	Type	Weight [kg]	Package [pcs]
P50V16			
OEZ:10522	P50V16 40A gR	1.250	1
OEZ:15570	P50V16 50A gR	1.250	1
OEZ:15571	P50V16 63A gR	1.250	1
OEZ:15572	P50V16 80A aR	1.250	1
OEZ:14900	P50V16 100A aR	1.250	1
OEZ:10523	P50V16 125A aR	1.250	1
OEZ:10459	P50V16 160A aR	1.250	1
OEZ:10524	P50V16 200A aR	1.250	1
OEZ:10525	P50V16 250A aR	1.250	1
OEZ:11285	P50V16 315A aR	1.250	1
OEZ:11866	P50V16 400A aR*	1.250	1
OEZ:11817	P50V16 500A aR*	1.250	1
OEZ:08415	P50V16 630A aR*	1.250	1

with signalling

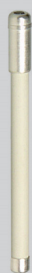
Code	Type	Weight [kg]	Package [pcs]
P50V16MP			
OEZ:10468	P50V16MP 630A aR	1.250	1
P50V30			
OEZ:11295	P50V30 315A aR	2.550	1

with signalling

Code	Type	Weight [kg]	Package [pcs]
P50V16S			
OEZ:17734	P50V16S 40A gR	1.260	1
OEZ:34285	P50V16S 63A gR	1.250	1
OEZ:13744	P50V16S 100A aR	1.260	1
OEZ:10515	P50V16S 125A aR	1.260	1
OEZ:10460	P50V16S 160A aR	1.260	1
OEZ:10514	P50V16S 200A aR	1.260	1
OEZ:10477	P50V16S 250A aR	1.254	1
OEZ:13625	P50V16S 315A aR	1.260	1
OEZ:14907	P50V16S 400A aR*	1.260	1
OEZ:13700	P50V16S 500A aR*	1.260	1
OEZ:13701	P50V16S 630A aR*	1.260	1

* U_n = AC 1 500 V / DC 1 000 V

* U_n = DC 1 000 V



S41



586506Z00



586523Z00



VL41F

ACCESSORIES

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:06522	S41	signalling device, Un AC 690 V, length 61.5 mm, for P50U06, P52U06	0.006	1
OEZ:06578	S42	signalling device, Un AC 1 000 V, length 93 mm, for P40U10, P50U10, P50V10	0.008	1
OEZ:10450	S43	signalling device, Un AC 1 800 V, length 150.5 mm, for P50V16	0.011	1
OEZ:11890	S-P50U06	remote signalling, make-and-break contact, for P50U06 and P52U06	0.002	1
OEZ:06526	586523Z00	lower holder for S41, S42 and S43	0.011	1
OEZ:06527	586506Z00	upper holder for S41, S42 and S43	0.011	1
OEZ:06528	VL50	for fuses with blade contacts and for fuses for semiconductor protection P5.R06, P50T06, P5.U06, P51V06	0.015	1
OEZ:18620	VL41F	for fuses for semiconductor protection P40U10, P50U10, P50V16 and set S-P50U06	0.020	1



SPB00 SS



SPB2 WW



S3PB00 SS



SPF1 SS

FUSE-BASES SPB with plastic base

Type		SPB00	SPB1	SPB2	S3PB00	S3PB1	S3PB2
Rated voltage	U_n	690 V	690 V	690 V	690 V	690 V	690 V
Rated current	I_n	160 A	250 A	400 A	160 A	250 A	400 A
Number of poles		1	1	1	3	3	3
Size		00	1	2	00	1	2
Fuse-link size		000 (00C), 00	1 (01), 0	2 (02)	000 (00C), 00	1 (01), 0	2 (02)

1-pole design

Code	Type	Description	Weight [kg]	Package [pcs]
SPB00				
OEZ:11853	SPB00 SS	M8 - terminal screws installed	0.130	3
OEZ:17231	SPB00 VV	terminals with V-shaped terminals (without clamp)	0.130	3
OEZ:11855	SPB00 SV	combination: M8 - terminal screw and V-shaped terminal	0.130	3
OEZ:15805	SPB00 HH	combination H-terminal and H-terminal	0.157	3

SPB1

OEZ:10462	SPB1 SS	M10 - terminal screws installed	0.360	3
OEZ:09409	SPB1 WW	terminals with V-shaped terminals (without clamp)	0.360	3
OEZ:10463	SPB1 SW	combination: M10 - terminal screw and V-shaped terminal	0.360	3

SPB2

OEZ:10464	SPB2 SS	M10 - terminal screws installed	0.420	3
OEZ:09412	SPB2 WW	terminals with V-shaped terminals (without clamp)	0.420	3
OEZ:10465	SPB2 SW	combination: M10 - terminal screw and V-shaped terminal	0.420	3

3-pole design

S3PB00

OEZ:11859	S3PB00 SS	M8 - terminal screws installed	0.500	1
OEZ:11861	S3PB00 VV	terminals with V-shaped terminals (without clamp)	0.500	1
OEZ:11862	S3PB00 SV	combination: M8 - terminal screw and V-shaped terminal	0.500	1
OEZ:15803	S3PB00 HH	combination H-terminal and H-terminal	0.570	1

S3PB1

OEZ:07358	S3PB1 SS	M10 - terminal screws installed	1.200	1
OEZ:07361	S3PB1 WW	terminals with V-shaped terminals (without clamp)	1.200	1
OEZ:07362	S3PB1 SW	combination: M10 - terminal screw and V-shaped terminal	1.200	1

S3PB2

OEZ:07365	S3PB2 SS	M10 - terminal screws installed	1.400	1
OEZ:07368	S3PB2 WW	terminals with V-shaped terminals (without clamp)	1.400	1
OEZ:07369	S3PB2 SW	combination: M10 - terminal screw and V-shaped terminal	1.400	1

FUSE-BASES SPF with steel base

Type		SPF00	SPF1	SPF2	SPF3
Rated voltage	U_n	690 V	690 V	690 V	690 V
Rated current	I_n	160 A	250 A	400 A	630 A
Size		00	1	2	3
Fuse-link size		000 (00C), 00	1 (01), 0	2 (02)	3 (03)

Code	Type	Description	Weight [kg]	Package [pcs]
SPF00				
OEZ:11848	SPF00 --	terminals with pressed-on nuts, M8 - screws attached	0.280	3

SPF1

OEZ:07393	SPF1 SS	M10 - terminal screws installed	0.700	3
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SPF2

OEZ:07401	SPF2 SS	M10 - terminal screws installed	0.810	3
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SPF3

OEZ:07408	SPF3 SS	M10 - terminal screws installed	0.870	3
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K00



PK-SPB00/168

ACCESSORIES FOR FUSE-BASES

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:07353	CS-SP-3P	terminal P, clip terminals for 2x (1 ÷ 50) mm ² Cu/Al, set of 3 pcs	0.025	1
OEZ:16862	CS-SP-3H	terminal H, clip terminals for 2x (2.5 ÷ 50) mm ² Cu/Al, set of 3 pcs	0.010	1
OEZ:10418	PK-SPB00/168	end barrier for SPB00	0.034	1
OEZ:09600	PK-S3PB00/168	end barrier for S3PB00	0.035	1
OEZ:09601	PK-S3PB1/230	end barrier for S3PB1	0.550	1
OEZ:07370	PK-S3PB2/230	end barrier for S3PB2	0.070	1
OEZ:07892	K00	contacts cover for SPB00, SPF00, S3PB00, 2 pcs	0.012	1
OEZ:07364	K1	contacts cover for SPB1, SPF1, S3PB1, 2 pcs	0.019	1
OEZ:07371	K2	contacts cover for SPB2, SPF2, S3PB2, 2 pcs	0.025	1



4836 N-S



4835



5837-2x240



V10



WD10-2

V-SHAPED CLAMPS, COVERS AND TRANSITIONAL TERMINALS

Type	Cross-section of conductor S [mm ²] Cu/Al				Torque [Nm]
	sector-shaped stranded sm	sector-shaped solid se	round stranded rm	round solid re	
4836 N-S	25 ÷ 120	25 ÷ 120	16 ÷ 95	16 ÷ 95	20
4835	35 ÷ 95	50 ÷ 120	10 ÷ 50	10 ÷ 50	12 ÷ 15
5845	35 ÷ 240	35 ÷ 300	16 ÷ 185	16 ÷ 240	25
5836-2x70	2x (25 ÷ 120)	2x (25 ÷ 120)	2x (16 ÷ 95)	2x (16 ÷ 95)	20
5837-2x240	2x (70 ÷ 240)	2x (95 ÷ 300)	2x (50 ÷ 120)	2x (70 ÷ 150)	30

Code	Type	Description	Weight [kg]	Package [pcs]
V-shaped clamps				
OEZ:07383	4836 N-S	without insulation cover	0.041	1
OEZ:38778	4835	with insulation cover	0.045	1
OEZ:20479	5845	without insulation cover	0.085	1
OEZ:07382	5836-2x70	without insulation cover	0.078	1
OEZ:07386	5837-2x240	without insulation cover	0.167	1

Covers

OEZ:00021	4834SK	insulation clamp cover, for 5845	0.009	1
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Transitional terminals screw V-shaped terminal

OEZ:07387	V8	from screw M8 on V-shaped terminal, for 4836 N-S, 5836-2x70	0.030	15
OEZ:13146	V10	from screw M10 on V-shaped terminal, for 4836 N-S, 5836-2x70	0.030	15
OEZ:07388	W10	from screw M10 on V-shaped terminal, for 5845, 5837-2x240	0.042	12
OEZ:07389	W12	from screw M12 on V-shaped terminal, for 5845, 5837-2x240	0.042	12
OEZ:08749	WD8-1	from screw 1x M8 on V-shaped terminal 2x 240 mm ² (SPF00, SPB00), for 5845, 5837-2x240	0.110	12
OEZ:08750	WD10-1	from screw 1x M10 on V-shaped terminal 2x 240 mm ² (SPF1, SPF2, SPF3, SPB1, SPB2), for 5845, 5837-2x240	0.110	12
OEZ:08751	WD8-2	from screw 2x M8 on V-shaped terminal 2x 240 mm ² (2x SPF00, 2x SPB00), for 5845, 5837-2x240	0.110	12
OEZ:08752	WD10-2	from screw 2x M10 on V-shaped terminal 2x 240 mm ² (2x SPF1, 2x SPF2, 2x SPB1, 2x SPB2), for 5845, 5837-2x240	0.120	12
OEZ:08753	WD8-3	from screw 3x M8 on V-shaped terminal 2x 240 mm ² (S3PB00, 3x SPF00, 3x SPB00), for 5845, 5837-2x240	0.130	6
OEZ:08754	WD10-3	from screw 3x M10 on V-shaped terminal 2x 240 mm ² (S3PB1, 3x SPF1, 3x SPF2, 3x SPB1, 3x SPB2), for 5845, 5837-2x240	0.160	12



SNB00 MM



SNF1

NEUTRAL TERMINAL BRIDGES SNB, SNF

Type		SNB00	SNF1	SNF2
Rated voltage	U_n	690 V	690 V	690 V
Rated current	I_n	160 A	250 A	400 A
Branching terminal		1x M5	2x M5	2x M5
Main connection cross-section		2.5 ÷ 70 mm ²	25 ÷ 185 mm ²	95 ÷ 240 mm ²

Code	Type	Description	Weight [kg]	Package [pcs]
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SNB00 - Plastic base

OEZ:07412	SNB00 MM	combination: pressing-in nuts, screws screwed on	0.140	3
OEZ:11868	SNB00 VV	terminals with V-shaped terminals (without clamp)	0.140	3
OEZ:15576	SNB00 MV	combination: pressing-in nuts M8 and V-shaped terminal	0.140	3

SNF - Steel base

OEZ:10406	SNF1	without terminal screws M10	0.590	3
OEZ:10407	SNF2	without terminal screws M10	0.670	3



SP40T06



SP50V10

FUSE HOLDERS

Code	Type	Description	Weight [kg]	Package [pcs]
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SP40 with ceramic base

OEZ:06529	SP40K06	for P50K06	0.200	3
OEZ:06530	SP40T06	for P50N06, P50R06	0.350	3
OEZ:10449	SP41T06	for P50T06	0.390	3

SP50 with steel base

OEZ:14131	SP50U06	for P50U06	0.520	3
OEZ:06532	SP50U10	for P52U06, P40U10, P50U10	0.590	3
OEZ:06533	SP50V10	for P50V10	0.600	3
OEZ:10461	SP50X16	for P50V16	0.700	3

Transitional terminals

OEZ:06535	CS-P5-1	for replacement of fuses P2. and P3. by fuses P50., P40.	0.026	1
OEZ:06536	CS-P5-2	for replacement of fuses P2. and P3. by fuses P50., P40.	0.048	1
OEZ:06537	CS-P5-3	for replacement of fuses P2. and P3. by fuses P50., P40.	0.040	1
OEZ:06539	CS-P5-4	for replacement of fuses P2. and P3. by fuses P50., P40.	0.026	1
OEZ:06540	CS-P5-5	for replacement of fuses P2. and P3. by fuses P50., P40.	0.048	1
OEZ:06541	CS-P5-6	for replacement of fuses P2. and P3. by fuses P50., P40.	0.060	1
OEZ:06542	CS-P5-7	for replacement of fuses P2. and P3. by fuses P50., P40.	0.036	1
OEZ:06543	CS-P5-8	for replacement of fuses P2. and P3. by fuses P50., P40.	0.060	1
OEZ:06544	CS-P5-9	for replacement of fuses P2. and P3. by fuses P50., P40.	0.030	1
OEZ:06545	CS-P5-10	for replacement of fuses P2. and P3. by fuses P50., P40.	0.080	1
OEZ:06546	CS-P5-11	for replacement of fuses P2. and P3. by fuses P50., P40.	0.046	1
OEZ:06547	CS-P5-12	for replacement of fuses P2. and P3. by fuses P50., P40.	0.060	1
OEZ:06538	CS-P5-13	for replacement of fuses P2. and P3. by fuses P50., P40.	0.058	1
OEZ:11838	CS-P5-14	for replacement of fuses P2. and P3. by fuses P50., P40.	0.046	1
OEZ:11839	CS-P5-15	for replacement of fuses P2. and P3. by fuses P50., P40.	0.040	1



CS-P50TUV-2PS1000

PARALLEL CONNECTION OF FUSE-LINKS

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:15585	CS-P50TUV-2PS800	terminal for pairs of fuse-links connected in parallel up to 800 A	0.165	5
OEZ:15586	CS-P50TUV-2PS1000	terminal for pairs of fuse-links connected in parallel up to 1 000 A	0.221	5
OEZ:15587	CS-P50TUV-2PS1250	terminal for pairs of fuse-links connected in parallel up to 1 250 A	0.277	5
OEZ:15588	CS-P50TUV-2PS1600	terminal for pairs of fuse-links connected in parallel up to 1 600 A	0.332	5

In case of parallel connection of fuses, it is necessary to contact the manufacturer.



PM45 16A

MV FUSE-LINKS

Type		PL45	PM45	PQ45
Rated voltage	U_n	10/12 kV	22/25 kV	35/38.5 kV
Rated current	I_n	6.3 ÷ 100 A	6.3 ÷ 100 A	6.3 ÷ 50 A

Code	Type	Weight [kg]	Package [pcs]
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PL45

OEZ:14807	PL45 6,3A	1.630	1
OEZ:14808	PL45 10A	1.630	1
OEZ:14809	PL45 16A	1.630	1
OEZ:14810	PL45 20A	1.630	1
OEZ:14811	PL45 25A	1.630	1
OEZ:14812	PL45 31,5A	1.630	1
OEZ:14813	PL45 40A	1.630	1
OEZ:14814	PL45 50A	1.630	1
OEZ:14815	PL45 63A	1.630	1
OEZ:14816	PL45 80A	3.100	1
OEZ:14817	PL45 100A	3.100	1

Code	Type	Weight [kg]	Package [pcs]
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PM45

OEZ:14818	PM45 6,3A	2.200	1
OEZ:14819	PM45 10A	2.200	1
OEZ:14820	PM45 16A	2.200	1
OEZ:14821	PM45 20A	2.200	1
OEZ:14822	PM45 25A	2.200	1
OEZ:14823	PM45 31,5A	2.200	1
OEZ:14824	PM45 40A	2.200	1
OEZ:14825	PM45 50A	2.200	1
OEZ:14826	PM45 63A	3.340	1
OEZ:14428	PM45 80A	4.480	1
OEZ:14429	PM45 100A	4.480	1

Code	Type	Weight [kg]	Package [pcs]
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PQ45

OEZ:14827	PQ45 6,3A	2.900	1
OEZ:14828	PQ45 10A	2.900	1
OEZ:14829	PQ45 16A	2.900	1
OEZ:14830	PQ45 20A	2.900	1
OEZ:14831	PQ45 25A	2.900	1
OEZ:14832	PQ45 31,5A	6.220	1
OEZ:14833	PQ45 40A	6.220	1
OEZ:14834	PQ45 50A	6.220	1

NOTES

A large grid of small dots for taking notes, consisting of approximately 25 columns and 40 rows.

Motor startersE2

DEVICES FOR SWITCHING AND CONTROL

E





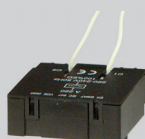
SM1E-25



OD-SM1E-K55



PS-SM1E-B11



SV-SM1E-A230

MOTOR STARTERS SM1E

Size	1	
Max. rated current	I_n	25 A
Rated operating voltage	U_e	AC 690 V
Rated frequency	f_n	50/60 Hz
Rated short-circuit ultimate breaking capacity	I_{cu}	4/6/50 kA ²⁾
Max. switched power of 3-phase motor ¹⁾	P_n	11 kW
Instantaneous short-circuit release	I_n	12x
Number of poles	3	
Mounting	screws or "U" rail TH35 ³⁾	
Width	45 mm	

¹⁾ approximate value for 4-pole standardized motors at AC 400 V, 50 Hz

²⁾ more information see short-circuit release and rated short-circuit ultimate breaking capacity in the catalogue Conteo ST1-2011-A

³⁾ according to EN 60715

Code	Type	Description	Weight [kg]	Package [pcs]
MOTOR STARTERS SM1E, size 1				
OEZ:39257	SM1E-0.16	I_n 0.1 A ÷ 0.16 A	0.23	1
OEZ:39258	SM1E-0.25	I_n 0.16 A ÷ 0.25 A	0.23	1
OEZ:39259	SM1E-0.4	I_n 0.25 A ÷ 0.4 A	0.23	1
OEZ:39260	SM1E-0.63	I_n 0.4 A ÷ 0.63 A	0.23	1
OEZ:39261	SM1E-1	I_n 0.63 A ÷ 1 A	0.23	1
OEZ:39262	SM1E-1,6	I_n 1 A ÷ 1.6 A	0.23	1
OEZ:39263	SM1E-2,5	I_n 1.6 A ÷ 2.5 A	0.27	1
OEZ:39264	SM1E-4	I_n 2.5 A ÷ 4 A	0.27	1
OEZ:39265	SM1E-6,3	I_n 4 A ÷ 6.3 A	0.27	1
OEZ:39266	SM1E-10	I_n 6.3 A ÷ 10 A	0.27	1
OEZ:39267	SM1E-16	I_n 10 A ÷ 16 A	0.27	1
OEZ:39268	SM1E-20	I_n 16 A ÷ 20 A	0.27	1
OEZ:39269	SM1E-25	I_n 20 A ÷ 25 A	0.27	1

MOTOR STARTERS SM1E in degree of protection IP55

OEZ:39311	SM1E-1,6-IP55	I_n 1 A ÷ 1.6 A, insulating box IP55	0.48	1
OEZ:39312	SM1E-2,5-IP55	I_n 1.6 A ÷ 2.5 A, insulating box IP55	0.52	1
OEZ:39313	SM1E-4-IP55	I_n 2.5 A ÷ 4 A, insulating box IP55	0.53	1
OEZ:39314	SM1E-6,3-IP55	I_n 4 A ÷ 6.3 A, insulating box IP55	0.52	1
OEZ:39315	SM1E-10-IP55	I_n 6.3 A ÷ 10 A, insulating box IP55	0.52	1

ACCESSORIES

Code	Type	Description	Weight [kg]	Package [pcs]
Switches				
OEZ:39270	PS-SM1E-B11	1x make contact, 1x break contact, side mounting	0.03	1
OEZ:39271	PS-SM1E-B20	2x make contact, side mounting	0.03	1
OEZ:39283	PS-SM1E-C11	1x make contact, 1x break contact, front mounting	0.02	1

Undervoltage releases

OEZ:39275	SP-SM1E-A230	U_c AC 230 V	0.06	1
OEZ:39276	SP-SM1E-A400	U_c AC 400 V	0.06	1

Shunt trips

OEZ:39277	SV-SM1E-A024	U_c AC 24 V	0.06	1
OEZ:39280	SV-SM1E-A230	U_c AC 230 V	0.06	1
OEZ:39281	SV-SM1E-A400	U_c AC 400 V	0.06	1



ACCESSORIES

Code	Type	Description	Weight [kg]	Package [pcs]
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Interconnecting busbars

OEZ:00182	G-3L-MS-M2	for 2x SM1E	0.03	1
OEZ:00183	G-3L-MS-M3	for 3x SM1E	0.05	1
OEZ:00184	G-3L-MS-M4	for 4x SM1E	0.07	1

Power supply units

OEZ:18350	ESB-G-MS2	for SM1E	0.04	1
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Insulating boxes

OEZ:39284	OD-SM1E-K41	IP41, wall mounting	0.26	1
OEZ:39285	OD-SM1E-K55	IP55, wall mounting	0.27	1
OEZ:39288	OD-SM1E-TL	emergency OFF push-button, unlocking by turning	0.05	1
OEZ:39289	OD-SM1E-TLK	emergency OFF push-button, unlocking by key	0.05	1
OEZ:39290	OD-SM1E-UV	locking insert, standard design	0.10	1
OEZ:39293	OD-SM1E-SE-A230	indicator light, Uc AC 230 V, green	0.01	1
OEZ:39294	OD-SM1E-SE-A400	indicator light, Uc AC 400 V, green	0.01	1
OEZ:39295	OD-SM1E-SG-A230	indicator light, Uc AC 230 V, white	0.01	1
OEZ:39296	OD-SM1E-SG-A400	indicator light, Uc AC 400 V, white	0.01	1
OEZ:39297	OD-SM1E-SC-A230	indicator light, Uc AC 230 V, red	0.01	1
OEZ:39298	OD-SM1E-SC-A400	indicator light, Uc AC 400 V, red	0.01	1
OEZ:39292	OD-SM1E-NL	neutral conductor joint	0.01	1
OEZ:39291	OD-SM1E-M	push-button membrane	0.01	1
OEZ:39282	OD-SM1E-PV	plastic bushing, 2 pcs, IP55, wall mounting	0.02	1

NOTES

A large grid of small black dots arranged in a regular pattern, intended for taking notes. The grid covers most of the page area below the 'NOTES' header.

DistriTon	Steel-plastic flush-mounted enclosures RZA.....	F2
	Steel-sheet flush- and wall-mounted enclosures RZB.....	F4
	Plastic flush- and wall-mounted enclosures RZG	F7
	Plastic wall-mounted enclosures RZI (IP65).....	F9
	Terminal covers KJ	F10
DistriSet	Steel-sheet flush-mounted enclosures DZ	F11
	Steel-sheet wall-mounted enclosures DN.....	F12
	Steel-sheet flush-mounted enclosures with fire resistance DZ...EI30S	F13
DistriBox	Wall-mounted switchboard cabinets for indoor use NP	F15
	Stainless steel wall-mounted switchboard cabinets indoor and outdoor use NP...NX...F17	
	Stainless steel wall-mounted switchboard cabinets for outdoor use NP..V.....	F18
	Side-by-side cabinets QA	F21
	Busbar systems.....	F27

ENCLOSURES AND SWITCHBOARD CABINETS

F





STEEL-PLASTIC FLUSH-MOUNTED ENCLOSURES RZA

Type		RZA
Standards		EN 62208
Approval marks		CE ETC
Colour		white (RAL9003)
Degree of protection		IP30
Stage of protection against external mechanical shocks		IK07
Rated values of the used devices		max. 63 A, AC 230/400 V
Rated insulation voltage		AC 500 V
Device rail		"U" rail according to EN 60715 of width 35 mm
Protection class		II
Door	opening design	right/left
	material	non-transparent steel sheet of thickness 1 mm
Base material	self-extinguishing	RZA-Z-.S.. max. 650 °C
	thermoplastic - hot loop	RZA-Z-.S.-H max. 850 °C
For installation on materials of fire reaction class		A1, A2 (EN 13501-1)
Cut-out with 45 mm		1 module = 18 mm

Type designation

RZA-Z-4S56-IT2



Code	Type	Weight [kg]	Package [pcs]
Flush-mounted enclosures RZA			
OEZ:42599	RZA-Z-1S14	2.24	1
OEZ:42600	RZA-Z-2S28	3.16	1
OEZ:42601	RZA-Z-3S42	4.38	1
OEZ:42602	RZA-Z-4S56	5.23	1

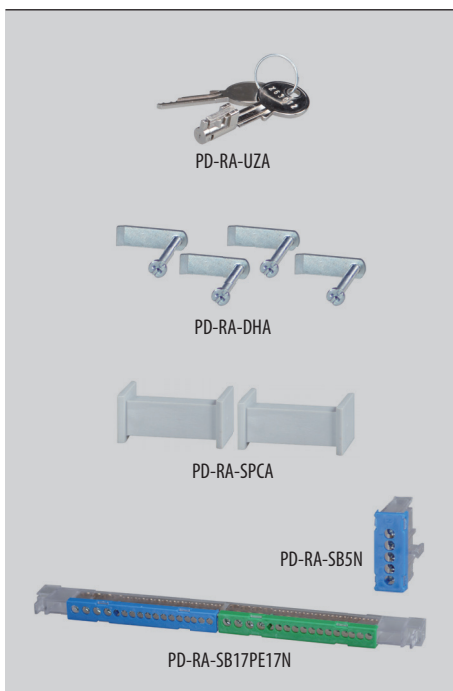
The enclosures RZA-Z can be front mounted on building panels (e.g. plasterboard) by means of mounting anchors PD-RA-DHA. The enclosures RZA-Z are not intended into hollow walls according to EN 62208, EN 61439-1, -3.

Code	Type	Weight [kg]	Package [pcs]
Flush-mounted enclosures into hollow walls RZA-Z-...-H			
OEZ:42603	RZA-Z-1S14-H	2.24	1
OEZ:42604	RZA-Z-2S28-H	3.16	1
OEZ:42605	RZA-Z-3S42-H	4.38	1
OEZ:42606	RZA-Z-4S56-H	5.23	1

The enclosures RZA-Z-...-H are intended into hollow walls according to EN 62208, EN 61439-1, -3.

Code	Type	Weight [kg]	Package [pcs]
OEZ:44578	RZA-Z-3S14-IT2	3.74	1

Flush-mounted data enclosure RZA-Z-...-IT2



ACCESSORIES RZA

Code	Type	Description	Weight [kg]	Package [pcs]
Lock				
OEZ:42613	PD-RA-UZA	number of keys 2	0.02	1
Mounting anchors				
OEZ:42616	PD-RA-DHA	for installation on building boards (plasterboards) or in hollow walls, set of 4 pcs	0.05	1
Covers				
OEZ:42618	PD-RA-KPE17	for terminal block, PE 13x 6 mm ² + 4x 16 mm ²	0.01	1
OEZ:42619	PD-RA-KN17	for terminal block, N 13x 6 mm ² + 4x 16 mm ²	0.01	1
Blind plate				
OEZ:40601	PD-RA-ZAS-B	width of 6 modules, Colour white, for cut-out 45 mm	0.01	1
Mounting set				
OEZ:42615	PD-RA-SPCA	for horizontal and vertical connection of enclosures, set of 2 pcs	0.02	1
Terminal blocks				
OEZ:42612	PD-RA-SB5N	N 5x 6 mm ²	0.02	1
OEZ:42607	PD-RA-SB17PE17N	PE 13x 6 mm ² + 4x 16 mm ² , N 13x 6 mm ² + 4x 16 mm ²	0.15	1
OEZ:42608	PD-RA-SB24PE	PE 18x 6 mm ² + 6x 16 mm ²	0.10	1
OEZ:42609	PD-RA-SB24N	N 18x 6 mm ² + 6x 16 mm ²	0.10	1
OEZ:42610	PD-RA-SB34PE	PE 28x 6 mm ² + 6x 16 mm ²	0.15	1
OEZ:42611	PD-RA-SB34N	N 28x 6 mm ² + 6x 16 mm ²	0.15	1

ACCESSORIES RZA

Code	Type	Description	Weight [kg]	Package [pcs]
Spare parts				
OEZ:45683	ND-RA-DR1S14	complete set of door with front frame (including closing, hinges and bolts for fastening to the base), for RZA-Z-1S14	1.105	1
OEZ:45684	ND-RA-DR2S28	complete set of door with front frame (including closing, hinges and bolts for fastening to the base), for RZA-Z-2S28	1.512	1
OEZ:45685	ND-RA-DR3S42	complete set of door with front frame (including closing, hinges and bolts for fastening to the base), for RZA-Z-3S42	1.985	1
OEZ:45686	ND-RA-DR4S56	complete set of door with front frame (including closing, hinges and bolts for fastening to the base), for RZA-Z-4S56	2.364	1
OEZ:45689	ND-RA-PDAP	door hinge and pin, for RZA	0.002	1
OEZ:42630	ND-RA-UA	closing, for RZA	0.012	1
OEZ:42648	ND-RA-SCRZ-2	screws and a bracket for fastening of the front frame, 2 pcs, for RZA	0.007	1
OEZ:45687	ND-RA-PPIT	device panel, for RZA-Z-3S14-IT2	0.110	1
OEZ:42614	PD-RA-4MU	mounting anchors for mounting to wall, set of 4 pcs, for RZA	0.020	1
OEZ:42631	ND-RA-KMV1S14	front cover, for RZA-Z-1S14	0.189	1
OEZ:42632	ND-RA-KMV2S28	front cover, for RZA-Z-2S28	0.254	1
OEZ:42633	ND-RA-KMV3S42	front cover, for RZA-Z-3S42	0.342	1
OEZ:42634	ND-RA-KMV4S56	front cover, for RZA-Z-4S56	0.403	1
OEZ:42621	ND-RA-D1S14	door without closing and hinges, for RZA-Z-1S14	0.579	1
OEZ:42622	ND-RA-D2S28	door without closing and hinges, for RZA-Z-2S28	0.869	1
OEZ:42623	ND-RA-D3S42	door without closing and hinges, for RZA-Z-3S42	1.200	1
OEZ:42624	ND-RA-D4S56	door without closing and hinges, for RZA-Z-4S56	1.452	1
OEZ:45688	ND-RA-D3S14-IT2	perforated door without closing and hinges, for RZA-Z-3S14-IT2	1.200	1
OEZ:42625	ND-RA-CR1S14	front frame without hinges and screws, for RZA-Z-1S14	0.505	1
OEZ:42626	ND-RA-CR2S28	front frame without hinges and screws, for RZA-Z-2S28	0.622	1
OEZ:42627	ND-RA-CR3S42	front frame without hinges and screws, for RZA-Z-3S42 and RZA-Z-3S14-IT2	0.774	1
OEZ:42628	ND-RA-CR4S56	front frame without hinges and screws, for RZA-Z-4S56	0.891	1
OEZ:42635	ND-RA-R1S14	"U" rail, for RZA-Z-1S14 and RZA-Z-3S14-IT2	0.093	1
OEZ:42636	ND-RA-R2S28	"U" rails frame, for RZA-Z-2S28	0.279	1
OEZ:42637	ND-RA-R3S42	"U" rails frame, for RZA-Z-3S42	0.447	1
OEZ:42638	ND-RA-R4S56	"U" rails frame, for RZA-Z-4S56	0.617	1
OEZ:42639	ND-RA-V1S14	base, for RZA-Z-1S14	0.422	1
OEZ:42640	ND-RA-V2S28	base, for RZA-Z-2S28	0.580	1
OEZ:42641	ND-RA-V3S42	base, for RZA-Z-3S42 and RZA-Z-3S14-IT2	0.830	1
OEZ:43017	ND-RA-V4S56	base, for RZA-Z-4S56	0.979	1
OEZ:42643	ND-RA-V1S14-H	base, for RZA-Z-1S14-H	0.422	1
OEZ:42644	ND-RA-V2S28-H	base, for RZA-Z-2S28-H	0.580	1
OEZ:42645	ND-RA-V3S42-H	base, for RZA-Z-3S42-H	0.830	1
OEZ:42646	ND-RA-V4S56-H	base, for RZA-Z-4S56-H	0.979	1
OEZ:42647	ND-RA-VP	grommet, for RZA	0.064	1
OEZ:42805	ND-RA-VP-H	grommet, for RZA-...-H	0.064	1
OEZ:42650	ND-RA-DPEN34	main terminal block holder, for RZA	0.023	1
OEZ:42651	ND-RA-DN5	terminal block bracket 5x 6 mm ² , for RZA	0.005	1
OEZ:42652	ND-RA-KN5	cover, for terminal block, N, 5x 6 mm ² , for RZA	0.001	1
OEZ:42653	ND-RA-SB17	terminal block 13x 6 mm ² + 4x 16 mm ² , for RZA	0.050	1
OEZ:42654	ND-RA-SB24	terminal block 18x 6 mm ² + 6x 16 mm ² , for RZA	0.074	1
OEZ:42655	ND-RA-SB34	terminal block 28x 6 mm ² + 6x 16 mm ² , for RZA	0.101	1
OEZ:42656	ND-RA-SB5	terminal block 5x 6 mm ² , for RZA	0.015	1
OEZ:42649	ND-RA-SCUZ-2	screws for fastening of the "U" rails frame, for RZA	0.002	1

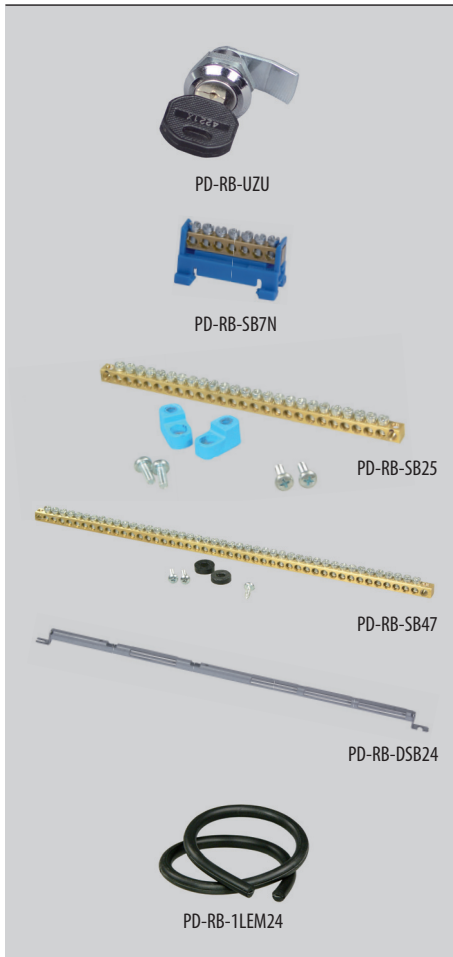


STEEL-SHEET FLUSH- AND WALL-MOUNTED ENCLOSURES RZB

Type	RZB
Standards	EN 62208
Approval marks	
Colour	white (RAL 9003)
Degree of protection	IP30
Stage of protection against external mechanical shocks	IK09
Rated values of the used devices	max. 125 A, AC 230/400 V
Rated insulation voltage	AC 400 V
Device rail	"U" rail according to EN 60715 width 35 mm
Protection class	I
Door	opening: right/left design: non-transparent
Material	steel sheet
Mounting	wall-mounted/flush-mounted
For installation on materials of fire reaction class	A1, A2 (EN 13501-1)
Cut-out width 45 mm	1 module = 18 mm

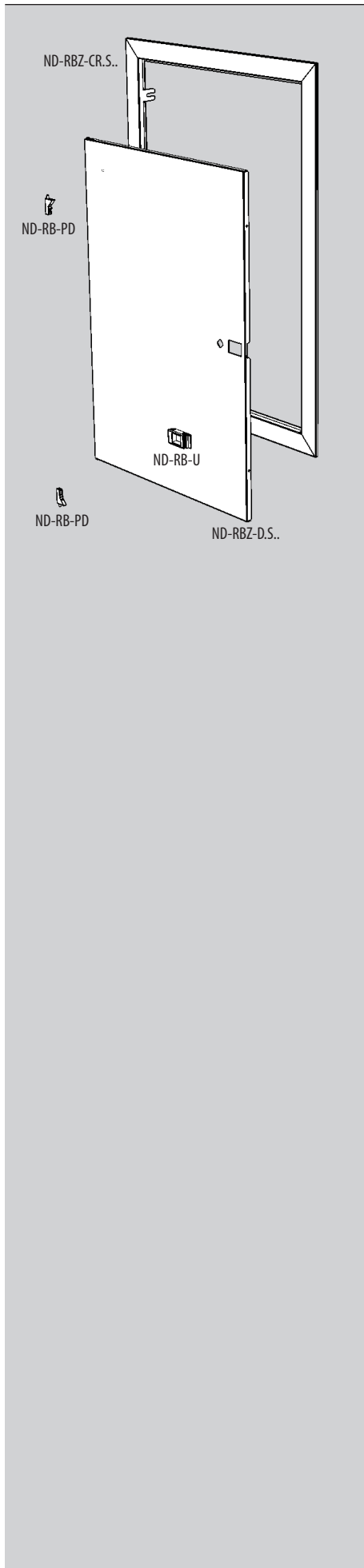
Code	Type	Number of rows	Number of modules in a row	Weight [kg]	Package [pcs]
Flush-mounted enclosures RZB-Z					
OEZ:44451	RZB-Z-3S72	3	24	13.50	1
OEZ:44452	RZB-Z-4S96	4	24	16.43	1
OEZ:44453	RZB-Z-5S120	5	24	19.44	1
OEZ:44454	RZB-Z-6S144	6	24	22.75	1
OEZ:44455	RZB-Z-4S132	4	33	20.50	1
OEZ:44456	RZB-Z-5S165	5	33	23.75	1
OEZ:44457	RZB-Z-6S198	6	33	27.30	1

Code	Type	Number of rows	Number of modules in a row	Weight [kg]	Package [pcs]
Wall-mounted enclosures RZB-N					
OEZ:44458	RZB-N-3S72	3	24	14.25	1
OEZ:44459	RZB-N-4S96	4	24	16.08	1
OEZ:44460	RZB-N-5S120	5	24	19.65	1
OEZ:44461	RZB-N-6S144	6	24	22.45	1
OEZ:44462	RZB-N-4S132	4	33	20.75	1
OEZ:44463	RZB-N-5S165	5	33	24.35	1
OEZ:44464	RZB-N-6S198	6	33	27.60	1



ACCESSORIES RZB

Code	Type	Description	Weight [kg]	Package [pcs]
Lock				
OEZ:44465	PD-RB-UZU	key 2 pcs, universal combination	0.07	1
Mounting anchors				
OEZ:44467	PD-RB-4MU	set of 4 pcs, for RZB-Z	0.14	1
Terminal blocks				
OEZ:44472	PD-RB-SB7N	for N, 7x 16 mm ² , insulation holder N	0.05	1
OEZ:44473	PD-RB-SB25	for N, 23x 16 mm ² , 2x 25 mm ² , for 72 and 96 modules	0.23	1
OEZ:44474	PD-RB-SB30	for N, 28x 16 mm ² , 2x 25 mm ² , for 120 and 144 modules	0.29	1
OEZ:44475	PD-RB-SB40	for N, 38x 16 mm ² , 2x 25 mm ² , for 132, 165 and 198 modules	0.38	1
OEZ:44476	PD-RB-SB47	for PE, 45x 16 mm ² , 2x 25 mm ² , for 72 and 96 modules	0.33	1
OEZ:44477	PD-RB-SB62	for PE, 60x 16 mm ² , 2x 25 mm ² , for 120, 144 and 132 modules	0.39	1
OEZ:44478	PD-RB-SB82	for PE, 80x 16 mm ² , 2x 25 mm ² , for 165 and 198 modules	0.52	1
Terminal blocks brackets				
OEZ:44479	PD-RB-DSB24	for ...-SB25, ...-SB30. 3x PD-RB-SBN7	0.26	1
OEZ:44480	PD-RB-DSB33	for ...-SB40, 4x PD-RB-SBN7	0.38	1
Pocket				
OEZ:44470	PD-RB-DVA4PS	plastic, fastening - self-adhesive tape, A4	0.01	1
Blind plate				
OEZ:44471	PD-R-ZAS1000-B	width 1 000 mm (width of 55 modules), colour white, for RZB	0.05	1
Wells				
OEZ:44468	PD-RB-1LEM24	around the hole for cables, width 24 modules in a row, for 1 hole open to maximum	0.06	1
OEZ:44469	PD-RB-1LEM33	around the hole for cables, width 33 modules in a row, for 1 hole open to maximum	0.07	1



ACCESSORIES RZB

Code	Type	Description	Weight [kg]	Package [pcs]
Spare parts				
OEZ:44481	ND-RB-UR2	closures for modular covers, set of 10 pcs	0.080	1
OEZ:44482	ND-RB-URZE	earthing washers for closures of modular covers, set of 10 pcs	0.009	1
OEZ:44483	ND-RB-ZASU	blind plate for door opening instead of lock, for RZB	0.005	1
OEZ:44484	ND-RBZ-SCRZ-4	screw for fastening of the door frame to the base, serrated washer, set of 4 pcs, for RZB	0.026	1
OEZ:44485	ND-RB-PD	door hinge for RZB, 1 pc	0.020	1
OEZ:44486	ND-RB-U	closing, colour white, for RZB	0.020	1
OEZ:44487	ND-RB-ZEM	earthing wire door - base RZB	0.104	1
OEZ:44488	ND-RBZ-D3S72	door for RZB-Z-3S72, earthing, without closing, without hinges	2.630	1
OEZ:44489	ND-RBZ-D4S96	door for RZB-Z-4S96, earthing, without closing, without hinges	3.368	1
OEZ:44490	ND-RBZ-D5S120	door for RZB-Z-5S120, earthing, without closing, without hinges	3.953	1
OEZ:44491	ND-RBZ-D6S144	door for RZB-Z-6S144, earthing, without closing, without hinges	4.539	1
OEZ:44492	ND-RBZ-D4S132	door for RZB-Z-4S132, earthing, without closing, without hinges	4.155	1
OEZ:44493	ND-RBZ-D5S165	door for RZB-Z-5S165, earthing, without closing, without hinges	5.053	1
OEZ:44494	ND-RBZ-D6S198	door for RZB-Z-6S198, earthing, without closing, without hinges	5.840	1
OEZ:44495	ND-RBN-D3S72	door for RZB-N-3S72, earthing, without closing, without hinges	2.533	1
OEZ:44496	ND-RBN-D4S96	door for RZB-N-4S96, earthing, without closing, without hinges	3.476	1
OEZ:44497	ND-RBN-D5S120	door for RZB-N-5S120, earthing, without closing, without hinges	4.083	1
OEZ:44498	ND-RBN-D6S144	door for RZB-N-6S144, earthing, without closing, without hinges	4.689	1
OEZ:44499	ND-RBN-D4S132	door for RZB-N-4S132, earthing, without closing, without hinges	4.295	1
OEZ:44500	ND-RBN-D5S165	door for RZB-N-5S165, earthing, without closing, without hinges	5.191	1
OEZ:44501	ND-RBN-D6S198	door for RZB-N-6S198, earthing, without closing, without hinges	6.000	1
OEZ:44502	ND-RBZ-CR3S72	front frame for RZB-Z-3S72, without hinges, without earthing, without bolts for fastening in the base	1.158	1
OEZ:44503	ND-RBZ-CR4S96	front frame for RZB-Z-4S96, without hinges, without earthing, without bolts for fastening in the base	1.625	1
OEZ:44504	ND-RBZ-CR5S120	front frame for RZB-Z-5S120, without hinges, without earthing, without bolts for fastening in the base	1.760	1
OEZ:44505	ND-RBZ-CR6S144	front frame for RZB-Z-6S144, without hinges, without earthing, without bolts for fastening in the base	1.896	1
OEZ:44506	ND-RBZ-CR4S132	front frame for RZB-Z-4S132, without hinges, without earthing, without bolts for fastening in the base	1.700	1
OEZ:44507	ND-RBZ-CR5S165	front frame for RZB-Z-5S165, without hinges, without earthing, without bolts for fastening in the base1	1.906	1
OEZ:44508	ND-RBZ-CR6S198	front frame for RZB-Z-6S198, without hinges, without earthing, without bolts for fastening in the base	2.042	1

ACCESSORIES RZB

Code	Type	Description	Weight [kg]	Package [pcs]
Spare parts				
OEZ:44509	ND-RBZ-KMV24-1	front cover with cut-out for RZB-Z, width 24 modules in a row, 1 upper row, including quick-closing closures and earthing washers	1.070	1
OEZ:44510	ND-RBZ-KMV24-2	front cover with cut-out for RZB-Z, width 24 modules in a row, 2 lower rows, including quick-closing closures and earthing washers	1.470	1
OEZ:44511	ND-RBZ-KMV24-3	front cover with cut-out for RZB-Z, width 24 modules in a row, 2 upper rows, including quick-closing closures and earthing washers	1.470	1
OEZ:44512	ND-RBZ-KMV24-4	front cover with cut-out for RZB-Z, width 24 modules in a row, 2 middle rows, including quick-closing closures and earthing washers	1.420	1
OEZ:44513	ND-RBZ-KMV33-1	front cover with cut-out for RZB-Z, width 33 modules in a row, 1 upper row, including quick-closing closures and earthing washers	1.040	1
OEZ:44514	ND-RBZ-KMV33-2	front cover with cut-out for RZB-Z, width 33 modules in a row, 2 lower rows, including quick-closing closures and earthing washers	1.420	1
OEZ:44515	ND-RBZ-KMV33-3	front cover with cut-out for RZB-Z, width 33 modules in a row, 2 upper rows, including quick-closing closures and earthing washers	1.470	1
OEZ:44516	ND-RBZ-KMV33-4	front cover with cut-out for RZB-Z, width 33 modules in a row, 2 middle rows, including quick-closing closures and earthing washers	1.420	1
OEZ:44517	ND-RBN-KMV24-1	front cover with cut-out for RZB-N, width 24 modules in a row, 1 upper row, including quick-closing closures and earthing washers	1.090	1
OEZ:44518	ND-RBN-KMV24-2	front cover with cut-out for RZB-N, width 24 modules in a row, 2 lower rows, including quick-closing closures and earthing washers	1.500	1
OEZ:44519	ND-RBN-KMV24-3	front cover with cut-out for RZB-N, width 24 modules in a row, 2 upper rows, including quick-closing closures and earthing washers	1.470	1
OEZ:44520	ND-RBN-KMV24-4	front cover with cut-out for RZB-N, width 24 modules in a row, 2 middle rows, including quick-closing closures and earthing washers	1.420	1
OEZ:44521	ND-RBN-KMV33-1	front cover with cut-out for RZB-N, width 33 modules in a row, 1 upper row, including quick-closing closures and earthing washers	1.340	1
OEZ:44522	ND-RBN-KMV33-2	front cover with cut-out for RZB-N, width 33 modules in a row, 2 lower rows, including quick-closing closures and earthing washers	1.890	1
OEZ:44523	ND-RBN-KMV33-3	front cover with cut-out for RZB-N, width 33 modules in a row, 2 upper rows, including quick-closing closures and earthing washers	1.870	1
OEZ:44524	ND-RBN-KMV33-4	front cover with cut-out for RZB-N, width 33 modules in a row, 2 middle rows, including quick-closing closures and earthing washers	1.500	1

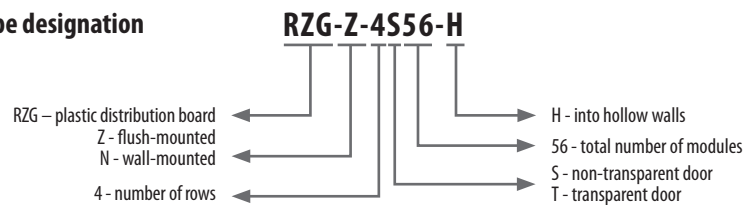


PLASTIC FLUSH- AND WALL-MOUNTED ENCLOSURES RZG

Type		RZG
Standards		EN 62208
Approval marks		CE ENEC
Colour		white (RAL9003)
Degree of protection		IP40
Stage of protection against external mechanical shocks		IK07, IK08
Rated values of the used devices		max. 63 A, AC 230/400 V
Rated insulation voltage		AC 500 V
Device rail		"U" rail according to EN 60715 of width 35 mm
Protection class		II
Door	opening	right/left; upwards
	design	transparent/non-transparent
Material		self-extinguishing thermoplastic - hot loop max. 650 °C
base material	self-extinguishing thermoplastic - hot	RZG-... max. 650 °C
	loop	RZG-Z-...-H max. 850 °C
For installation on materials of fire reaction class		A1, A2 (EN 13501-1)
Cut-out width 45 mm		1 module = 18 mm

For installation on materials of fire reaction class A1, A2 (EN 13501-1).

Type designation



Code	Type	Weight [kg]	Package [pcs]
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Wall-mounted enclosures RZG-N

Opening right/left			
OEZ:40578	RZG-N-1S8	0.95	1
OEZ:40579	RZG-N-1S14	1.38	1
OEZ:40581	RZG-N-2S28	2.21	1
OEZ:40583	RZG-N-3S42	2.75	1
OEZ:40584	RZG-N-4S56	3.42	1
OEZ:40586	RZG-N-1T8	0.96	1
OEZ:40587	RZG-N-1T14	1.41	1
OEZ:40589	RZG-N-2T28	2.23	1
OEZ:40591	RZG-N-3T42	2.83	1
OEZ:40592	RZG-N-4T56	3.53	1

Opening upwards			
OEZ:40577	RZG-N-1S4	0.66	1
OEZ:40580	RZG-N-1S18	1.42	1
OEZ:40582	RZG-N-2S40	2.06	1
OEZ:40585	RZG-N-1T4	0.66	1
OEZ:40588	RZG-N-1T18	1.47	1
OEZ:40590	RZG-N-2T40	2.07	1

Code	Type	Weight [kg]	Package [pcs]
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Flush-mounted enclosures RZG-Z

Opening right/left			
OEZ:40554	RZG-Z-1S8	0.71	1
OEZ:40555	RZG-Z-1S14	1.33	1
OEZ:40557	RZG-Z-2S28	1.96	1
OEZ:40559	RZG-Z-3S42	2.53	1
OEZ:40560	RZG-Z-4S56	3.01	1
OEZ:40562	RZG-Z-1T8	0.84	1
OEZ:40563	RZG-Z-1T14	1.22	1
OEZ:40565	RZG-Z-2T28	2.03	1
OEZ:40567	RZG-Z-3T42	2.61	1
OEZ:40568	RZG-Z-4T56	2.61	1

Opening upwards			
OEZ:40553	RZG-Z-1S4	0.49	1
OEZ:40556	RZG-Z-1S18	1.17	1
OEZ:40558	RZG-Z-2S40	1.68	1
OEZ:40561	RZG-Z-1T4	0.49	1
OEZ:40564	RZG-Z-1T18	1.18	1
OEZ:40566	RZG-Z-2T40	1.68	1

The enclosures RZG-Z... can be front mounted on building panels (e.g. plasterboard) by means of mounting anchors PD-RGZ...-DH.

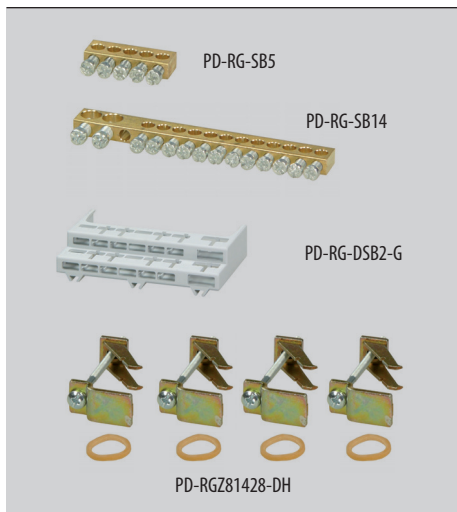
The enclosures RZG-Z... are not intended into hollow walls according to EN 62208, EN 61439-1, -3.

Code	Type	Weight [kg]	Package [pcs]
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Flush-mounted enclosures into hollow walls RZG-Z-...-H

Opening right/left			
OEZ:40569	RZG-Z-1S14-H	1.40	1
OEZ:40570	RZG-Z-2S28-H	1.90	1
OEZ:40571	RZG-Z-3S42-H	2.66	1
OEZ:40572	RZG-Z-4S56-H	3.03	1
OEZ:40573	RZG-Z-1T14-H	1.24	1
OEZ:40574	RZG-Z-2T28-H	1.93	1
OEZ:40575	RZG-Z-3T42-H	3.16	1
OEZ:40576	RZG-Z-4T56-H	3.18	1

The enclosures RZG-Z-...-H are intended into hollow walls according to EN 62208, EN 61439-1, -3.



ACCESSORIES RZG

Code	Type	Description	Weight [kg]	Package [pcs]
Terminal blocks				
OEZ:40593	PD-RG-SB5	5x 6 mm ²	0.01	1
OEZ:40594	PD-RG-SB8	5x 16 mm ² + 6x 6 mm ²	0.03	1
OEZ:40595	PD-RG-SB14	2x 16 mm ² + 12x 6 mm ²	0.04	1
Terminal blocks brackets				
OEZ:40599	PD-RG-DSB1-G	single-row design	0.01	1
OEZ:40600	PD-RG-DSB2-G	double-row design	0.02	1
Mounting anchors				
OEZ:40596	PD-RGZ81428-DH	anchors into hollow walls, for RZG-Z-1.8, RZG-Z-1.14, RZG-Z-2.28	0.05	1
OEZ:40597	PD-RGZ42-DH	anchors into hollow walls, for RZG-Z-3.42	0.04	1
OEZ:40598	PD-RGZ56-DH	anchors into hollow walls, for RZG-Z-4.56	0.07	1
Blind plate				
OEZ:40601	PD-RA-ZAS-B	width of 6 modules, colour white, for cut-out 45 mm	0.01	1

ACCESSORIES RZG

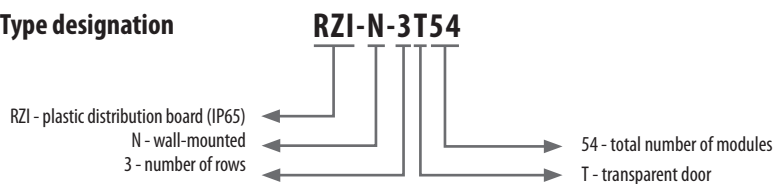
Code	Type	Description	Weight [kg]	Package [pcs]
Spare parts				
OEZ:41066	ND-RG-CK1ST4	front cover, for RZG--1.4	0.135	1
OEZ:41061	ND-RG-CK1ST8	front cover, for RZG--1.8	0.205	1
OEZ:41062	ND-RG-CK1ST14	front cover, for RZG--1.14	0.290	1
OEZ:41067	ND-RG-CK1ST18	front cover, for RZG--1.18	0.265	1
OEZ:41063	ND-RG-CK2ST28	front cover, for RZG--2.28	0.425	1
OEZ:41068	ND-RG-CK2ST40	front cover, for RZG--2.40	0.415	1
OEZ:41064	ND-RG-CK3ST42	front cover, for RZG--3.42	0.605	1
OEZ:41065	ND-RG-CK4ST56	front cover, for RZG--4.56	0.655	1
OEZ:41069	ND-RG-D1S8	non-transparent door, for RZG--1S8	0.135	1
OEZ:41074	ND-RG-D1S4	non-transparent door, for RZG--1S4	0.065	1
OEZ:41070	ND-RG-D1S14	non-transparent door, for RZG--1S14	0.220	1
OEZ:41075	ND-RG-D1S18	non-transparent door, for RZG--1S18	0.215	1
OEZ:41071	ND-RG-D2S28	non-transparent door, for RZG--2S28	0.380	1
OEZ:41076	ND-RG-D2S40	non-transparent door, for RZG--2S40	0.345	1
OEZ:41072	ND-RG-D3S42	non-transparent door, for RZG--3S42	0.500	1
OEZ:41073	ND-RG-D4S56	non-transparent door, for RZG--4S56	0.595	1
OEZ:41082	ND-RG-D1T4	transparent door, for RZG--1T4	0.070	1
OEZ:41077	ND-RG-D1T8	transparent door, for RZG--1T8	0.155	1
OEZ:41078	ND-RG-D1T14	transparent door, for RZG--1T14	0.255	1
OEZ:41083	ND-RG-D1T18	transparent door, for RZG--1T18	0.245	1
OEZ:41079	ND-RG-D2T28	transparent door, for RZG--2T28	0.450	1
OEZ:41084	ND-RG-D2T40	transparent door, for RZG--2T40	0.405	1
OEZ:41080	ND-RG-D3T42	transparent door, for RZG--3T42	0.545	1
OEZ:41081	ND-RG-D4T56	transparent door, for RZG--4T56	0.685	1
OEZ:41107	ND-RGZ-PR2ST28	mounting frame with "U" rails, for RZG-Z-2.28	0.433	1
OEZ:41112	ND-RGZ-PR2ST40	mounting frame with "U" rails, for RZG-Z-2.40	0.411	1
OEZ:41108	ND-RGZ-PR3ST42	mounting frame with "U" rails, for RZG-Z-3.42	0.593	1
OEZ:41109	ND-RGZ-PR4ST56	mounting frame with "U" rails, for RZG-Z-4.56	0.786	1
OEZ:41110	ND-RGZ-PR1ST4	"U" rail TH35-7.5, for RZG-Z-1.4	0.034	1
OEZ:41105	ND-RGZ-PR1ST8	"U" rail TH35-7.5, for RZG-Z-1.8	0.047	1
OEZ:41106	ND-RGZ-PR1ST14	"U" rail TH35-7.5, for RZG-Z-1.14	0.097	1
OEZ:41111	ND-RGZ-PR1ST18	"U" rail TH35-7.5, for RZG-Z-1.18	0.110	1
OEZ:41118	ND-RGN-PR1ST4	"U" rail TH35-7.5, for RZG-N-1.4	0.034	1
OEZ:41113	ND-RGN-PR1ST8	"U" rail TH35-7.5, for RZG-N-1.8	0.047	1
OEZ:41114	ND-RGN-PR1ST14	"U" rail TH35-7.5, for RZG-N-1.14	0.097	1
OEZ:41119	ND-RGN-PR1ST18	"U" rail TH35-7.5, for RZG-N-1.18	0.110	1
OEZ:41115	ND-RGN-PR2ST28	"U" rail TH35-7.5, for RZG-N-2.28	0.195	1
OEZ:41120	ND-RGN-PR2ST40	"U" rail TH35-7.5, for RZG-N-2.40	0.391	1
OEZ:41116	ND-RGN-PR3ST42	"U" rail TH35-7.5, for RZG-N-3.42	0.293	1
OEZ:41117	ND-RGN-PR4ST56	"U" rail TH35-7.5, for RZG-N-4.56	0.391	1
OEZ:41123	ND-RG-SCR1ST4814	screws, set of 4 pcs, for RZG--1.4/ -1.8/ -1.14	0.010	1
OEZ:41124	ND-RG-SCR1ST18	screws, set of 2 pcs, for RZG--1.18	0.003	1
OEZ:41122	ND-RG-SCR23ST284042	screws, set of 4 pcs, for RZG--2.28/ -2.40/ -3.42	0.005	1
OEZ:41121	ND-RG-SCR4ST56	screws, set of 6 pcs, for RZG--4.56	0.008	1
OEZ:41125	ND-RG-CB24ST2856	crossbar for immuration, for RZG-Z-2.28/ -4.56	0.095	1
OEZ:41126	ND-RG-CB3ST42	crossbar for immuration, for RZG-Z-3.42	0.067	1



PLASTIC WALL-MOUNTED ENCLOSURES RZI (IP65)

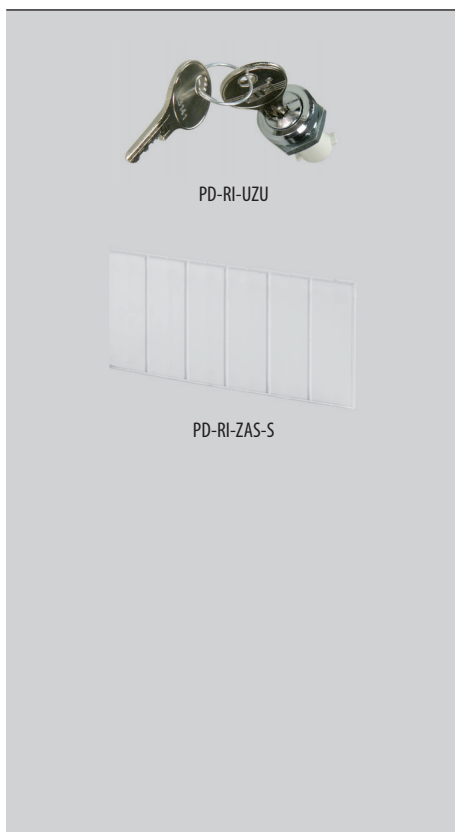
Type		RZI
Standards		EN 62208
Approval marks		CE ENEC
Colour		grey (RAL7035)
Degree of protection		IP65
Stage of protection against external mechanical shocks		IK08
Rated values of the used devices		max. 63 A, AC 230/400 V
Rated insulation voltage		AC 1 000 V, DC 1 500 V
Device rail		"U" rail according to EN 60715 of width 35 mm
Protection class		II
Door	opening	right/left, 180°
	design	transparent
Material		self-extinguishing thermoplastic - hot loop max. 650 °C
For installation in materials of fire reaction class		A1, A2 (EN 13501-1)
Cut-out width 45 mm		1 module = 18 mm

Type designation



Code	Type	Weight [kg]	Package [pcs]
Wall-mounted enclosures RZI			
OEZ:44382	RZI-N-1T4	0.75	1
OEZ:44383	RZI-N-1T6	0.84	1
OEZ:44384	RZI-N-1T8	0.95	1
OEZ:44385	RZI-N-1T12	1.40	1
OEZ:44386	RZI-N-1T18	1.98	1

Code	Code	Weight [kg]	Package [pcs]
Wall-mounted enclosures RZI			
OEZ:44387	RZI-N-2T24	2.26	1
OEZ:44388	RZI-N-2T36	3.03	1
OEZ:44389	RZI-N-3T36	3.21	1
OEZ:44390	RZI-N-3T54	3.97	1



ACCESSORIES RZI

Code	Type	Description	Weight [kg]	Package [pcs]
Lock				
OEZ:44391	PD-RI-UZU	locking insert, number of keys 2, for RZI	0.042	1
Blind plate				
OEZ:44392	PD-RI-ZAS-S	width of 6 modules, colour grey	0.014	1

ACCESSORIES RZI

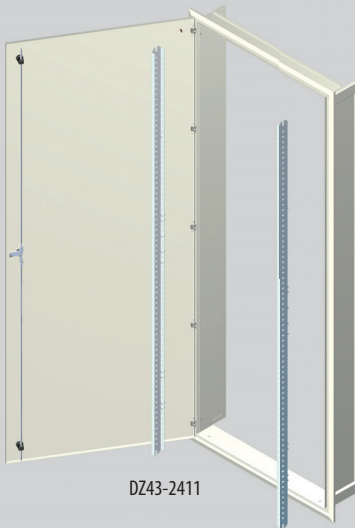
Type	Code	Description	Weight [kg]	Package [pcs]
Spare parts				
OEZ:44399	ND-RI-PD	door hinge for RZI, 1 pc	0.006	1
OEZ:44400	ND-RI-U	closing for RZI, 1 set (3 parts)	0.014	1
OEZ:44401	ND-RI-SCRZ-1	screw for RZI, front cover - base attachment, 1 pc	0.006	1
OEZ:44402	ND-RI-K	wall mounting screw cover for RZI, set of 4 pcs	0.006	1
OEZ:44404	ND-RI-D1T4	transparent door for RZI-N-1T4, including closing, without hinges	0.096	1
OEZ:44405	ND-RI-D1T6	transparent door for RZI-N-1T6, including closing, without hinges	0.120	1
OEZ:44406	ND-RI-D1T8	transparent door for RZI-N-1T8, including closing, without hinges	0.136	1
OEZ:44407	ND-RI-D1T12	transparent door for RZI-N-1T12, including closing, without hinges	0.205	1
OEZ:44408	ND-RI-D1T18	transparent door for RZI-N-1T18, including closing, without hinges	0.273	1
OEZ:44409	ND-RI-D2T24	transparent door for RZI-N-2T24, including closing, without hinges	0.383	1
OEZ:44410	ND-RI-D2T36	transparent door for RZI-N-2T36, including closing, without hinges	0.535	1
OEZ:44411	ND-RI-D3T36	transparent door for RZI-N-3T36, including closing, without hinges	0.561	1
OEZ:44412	ND-RI-D3T54	transparent door for RZI-N-3T54, including closing, without hinges	0.752	1
OEZ:44393	ND-RI-SB5	terminal block, for RZI-N-1T4I, RZI-N-1T6	0.076	1
OEZ:44394	ND-RI-SB9	terminal block, for RZI-N-1T8	0.103	1
OEZ:44395	ND-RI-SB14	terminal block, for RZI-N-1T12	0.186	1
OEZ:44396	ND-RI-SB18	terminal block, for RZI-N-1T18, RZI-N-2T24	0.214	1
OEZ:44397	ND-RI-SB26	terminal block, for RZI-N-2T36, RZI-N-3T36	0.330	1
OEZ:44398	ND-RI-SB36	terminal block, for RZI-N-3T54	0.418	1

TERMINAL COVERS KJ

Code	Type	Description	Weight [kg]	Package [pcs]
OEZ:00037	KJ-1	for 1 module	0.06	1
OEZ:08048	KJ-3	for 3 modules	0.09	1
OEZ:00039	KJ-4	for 4 modules	0.14	1
OEZ:08419	KJ-4L	for 4 modules, L – contains a terminal board 4x 16 mm ² , for Cu conductors	0.16	1

1 module = 18 mm



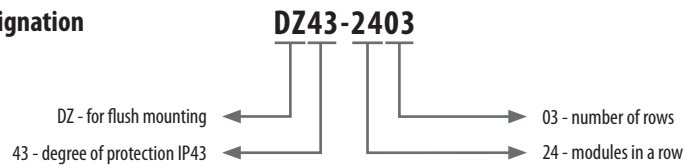


DZ43-2411

STEEL-SHEET FLUSH-MOUNTED ENCLOSURES DZ

Type		DZ
Standards		EN 60439-1, EN 60439-3, EN 62208
Approval marks		
Colour		grey (RAL7035)
Degree of protection DZ	DZ	IP43
Stage of protection against external mechanical shocks		IK08
For circuits up to rated voltages	U_n	AC 1 000 V, DC 1 500 V
For circuits up to rated current	I_n	400 A
Place of use		indoor
Sea level		max. 1 000 m
Protection class		I
Door	opening	standardly left, easily modifiable to right
	design	non-transparent
Material		steel sheet
Mounting		flush-mounted

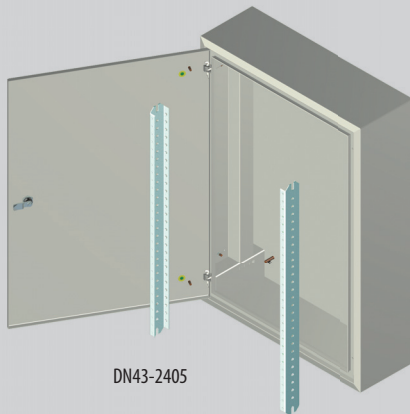
Type designation



Code	Type	Number of rows	Number of modules in a row	Number of meters in a row	Max. number of rows of electric meters	Weight [kg]	Package [pcs]		
Flush-mounted enclosures DZ									
OEZ:39358	DZ43-2403	3	24	2	1	16	1		
OEZ:39359	DZ43-2405	5			1	20	1		
OEZ:39360	DZ43-2406	6			2	23	1		
OEZ:39361	DZ43-2407	7			2	27	1		
OEZ:39362	DZ43-2409	9			3	31	1		
OEZ:39363	DZ43-2410	10			3	35	1		
OEZ:39364	DZ43-2411	11			4	39	1		
OEZ:39365	DZ43-2413	13			4	42	1		
OEZ:39366	DZ43-3503	3			35	3	1	19	1
OEZ:39367	DZ43-3505	5					1	23	1
OEZ:39368	DZ43-3506	6	2	28			1		
OEZ:39369	DZ43-3507	7	2	32			1		
OEZ:39370	DZ43-3509	9	3	36			1		
OEZ:39371	DZ43-3510	10	3	41			1		
OEZ:39372	DZ43-3511	11	4	45			1		
OEZ:39373	DZ43-3513	13	4	49			1		
OEZ:39374	DZ43-4603	3	46	4			1	22	1
OEZ:39375	DZ43-4605	5					1	26	1
OEZ:39377	DZ43-4607	7			2	36	1		
OEZ:39378	DZ43-4609	9			3	41	1		
OEZ:39380	DZ43-4611	11			4	51	1		
OEZ:39381	DZ43-4613	13			4	56	1		
OEZ:39383	DZ43-5705	5			57	5	1	30	1
OEZ:39385	DZ43-5707	7					2	41	1
OEZ:39386	DZ43-5709	9					3	47	1
OEZ:39388	DZ43-5711	11					4	58	1
OEZ:39389	DZ43-5713	13	4	63			1		



ACCESSORIES DZ

see page F14

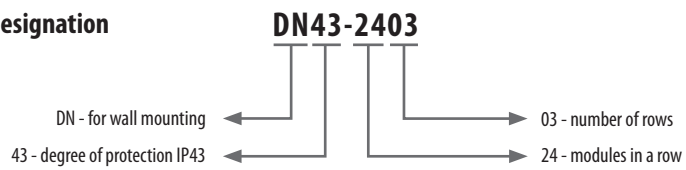


DN43-2405

STEEL-SHEET WALL-MOUNTED ENCLOSURES DN

Type	DN	
Standards	EN 60439-1, EN 60439-3, EN 62208	
Approval marks	 	
Colour	grey (RAL7035)	
Degree of protection	DN	IP43
Stage of protection against external mechanical shocks	IK08	
For circuits up to rated voltage	U_n	AC 1 000 V, DC 1 500 V
For circuits up to rated current	I_n	400 A
Place of use indoor	Sea level	
Sea level	max. 1 000 m	
Protection class	I	
Door	opening	standardly left, easily modifiable to right
	design	non-transparent
Material	steel sheet	
Mounting	wall-mounted	

Type designation



Code	Type	Number of rows	Number of modules in a row	Number of meters in a row	Max. number of rows of electric meters	Weight [kg]	Package [pcs]
Wall-mounted enclosures DN							
OEZ:39422	DN43-2403	3			1	23	1
OEZ:39423	DN43-2405	5			1	28	1
OEZ:39424	DN43-2406	6	24	2	2	33	1
OEZ:39425	DN43-2407	7			2	39	1
OEZ:39426	DN43-2409	9			3	44	1
OEZ:39427	DN43-2410	10			3	48	1
OEZ:39430	DN43-3503	3			1	28	1
OEZ:39431	DN43-3505	5			1	34	1
OEZ:39432	DN43-3506	6	35	3	2	39	1
OEZ:39433	DN43-3507	7			2	46	1
OEZ:39434	DN43-3509	9			3	52	1
OEZ:39435	DN43-3510	10			3	58	1
OEZ:39436	DN43-3511	11			4	64	1
OEZ:39437	DN43-3513	13			4	70	1
OEZ:39438	DN43-4603	3			1	32	1
OEZ:39439	DN43-4605	5	46	4	1	39	1
OEZ:39444	DN43-4611	11			4	75	1
OEZ:39445	DN43-4613	13			4	81	1
OEZ:39453	DN43-5713	13			57	5	4

ACCESSORIES DN

see page F14

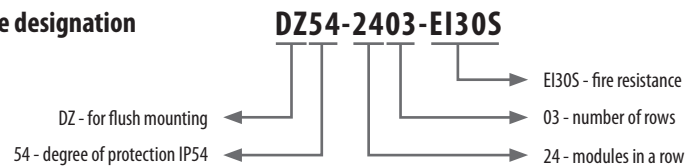


DZ54-2405-EI30S

STEEL-SHEET FLUSH-MOUNTED ENCLOSURES WITH FIRE RESISTANCE DZ...EI30S

Type		DZ...EI30S
Standards		EN 60439-1, EN 60439-3, EN 62208
Approval marks		CE EFC
Colour		grey (RAL7035)
Degree of protection DZ54...EI30S	DZ54...EI30S	IP54
Stage of protection against external mechanical shocks		IK08
For circuits up to rated voltage	U_n	AC 1 000 V, DC 1 500 V
For circuits up to rated current	I_n	400 A
Place of use indoor		indoor
Sea level		max. 1 000 m
Protection class		I
Door	opening	standardly left, easily modifiable to right
	design	non-transparent
Material		steel sheet
Mounting		flush-mounted
Fire resistance		EI ₃₀ for DZ54...EI30S
Smoke control		S _p /S _m for DZ54...EI30S

Type designation



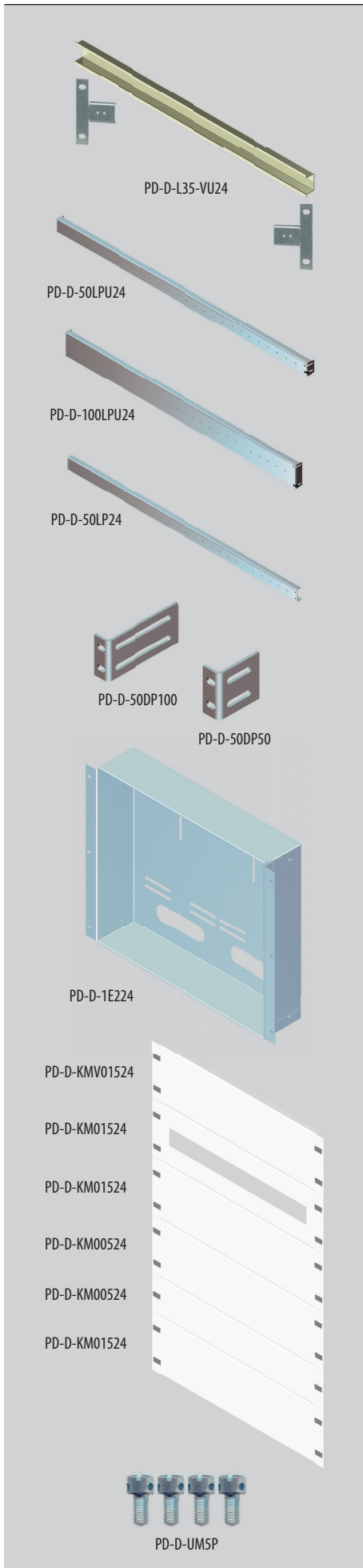
Code	Type	Number of rows	Number of modules in a row	Number of meters in a row	Max. number of rows of electric meters	Weight [kg]	Package [pcs]
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Flush-mounted, with fire resistance DZ...EI30S

OEZ:42724	DZ54-2403-EI30S	3			1	25	1
OEZ:42725	DZ54-2405-EI30S	5			1	30	1
OEZ:42726	DZ54-2406-EI30S	6	24	2	2	36	1
OEZ:42727	DZ54-2407-EI30S	7			2	42	1
OEZ:42728	DZ54-2409-EI30S	9			3	47	1
OEZ:42730	DZ54-2411-EI30S	11			4	59	1
OEZ:42732	DZ54-3503-EI30S	3			1	36	1
OEZ:42733	DZ54-3505-EI30S	5			1	42	1
OEZ:42734	DZ54-3506-EI30S	6			2	47	1
OEZ:42735	DZ54-3507-EI30S	7	35	3	2	53	1
OEZ:42736	DZ54-3509-EI30S	9			3	59	1
OEZ:42738	DZ54-3511-EI30S	11			4	70	1
OEZ:42739	DZ54-3513-EI30S	13			4	76	1

ACCESSORIES DZ...EI30S

see page F14



ACCESSORIES DZ, DN, DZ...EI30S

Code	Type	Weight [kg]	Package [set]
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"U" rails of height 15 mm

OEZ:39500	PD-D-L35-VU24	0.19	1
OEZ:39501	PD-D-L35-VU35	0.26	1
OEZ:39502	PD-D-L35-VU46	0.36	1
OEZ:39503	PD-D-L35-VU57	0.42	1

57 - cabinet width [modules]

Sliding brackets

OEZ:39494	PD-D-50DP50	0.10	1
OEZ:39495	PD-D-50DP100	0.12	1
OEZ:39757	PD-D-100DP50	0.20	1
OEZ:39758	PD-D-100DP100	0.24	1

100DP - brackets height [mm];
DP100 - bracket depth [mm]

Code	Type	Weight [kg]	Package [set]
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Device rails

OEZ:39719	PD-D-50LPU24	0.69	1
OEZ:39720	PD-D-100LPU24	1.09	1
OEZ:41312	PD-D-130LPU24	1.43	1
OEZ:39721	PD-D-50LPU35	0.94	1
OEZ:39722	PD-D-100LPU35	1.17	1
OEZ:41313	PD-D-130LPU35	1.90	1
OEZ:39723	PD-D-50LPU46	1.34	1
OEZ:39724	PD-D-100LPU46	1.92	1
OEZ:41314	PD-D-130LPU46	2.40	1
OEZ:39725	PD-D-50LPU57	1.45	1
OEZ:39726	PD-D-100LPU57	2.34	1
OEZ:41315	PD-D-130LPU57	2.90	1

130 - rail height [mm];

57 - cabinet width [modules]

For fastening of PD-D-..LPU.. it is necessary to use sliding brackets PD-D-..DP..

Code	Type	Weight [kg]	Package [set]
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Device rails

OEZ:39474	PD-D-50LP24	0.65	1
OEZ:39479	PD-D-50LP35	0.90	1
OEZ:39484	PD-D-50LP46	1.30	1
OEZ:39489	PD-D-50LP57	1.41	1

50 - rail height [mm];

57 - cabinet width [modules]

Code	Type	Description	Weight [kg]	Package [set]
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Electrometer plates

OEZ:39504	PD-D-1E224	number of electrometer plates side-by-side 2, tank height 400	2.8	1
OEZ:39505	PD-D-1E335	number of electrometer plates side-by-side 3, tank height 400	3.2	1
OEZ:39506	PD-D-1E446	number of electrometer plates side-by-side 4, tank height 400	3.6	1
OEZ:39507	PD-D-1E557	number of electrometer plates side-by-side 5, tank height 400	4.2	1
OEZ:39759	PD-D-1E224-450	number of electrometer plates side-by-side 2, tank height 450	3.0	1

Code	Type	Weight [kg]	Package [set]
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Covers IP20 without cut-out

OEZ:39598	PD-D-KM00524	0.17	1
OEZ:39599	PD-D-KM00535	0.21	1
OEZ:39600	PD-D-KM00546	0.30	1
OEZ:39601	PD-D-KM00557	0.34	1
OEZ:39458	PD-D-KM01024	0.25	1
OEZ:39459	PD-D-KM01035	0.31	1
OEZ:39460	PD-D-KM01046	0.45	1
OEZ:39461	PD-D-KM01057	0.51	1
OEZ:39462	PD-D-KM01524	0.26	1
OEZ:39463	PD-D-KM01535	0.35	1

Code	Type	Weight [kg]	Package [set]
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Covers IP20 without cut-out

OEZ:39464	PD-D-KM01546	0.50	1
OEZ:39465	PD-D-KM01557	0.56	1
OEZ:39466	PD-D-KM03024	0.48	1
OEZ:39467	PD-D-KM03035	0.66	1
OEZ:39468	PD-D-KM03046	0.97	1
OEZ:39469	PD-D-KM03057	1.08	1
OEZ:39470	PD-D-KM04524	0.94	1
OEZ:39471	PD-D-KM04535	1.05	1
OEZ:39472	PD-D-KM04546	1.10	1
OEZ:39473	PD-D-KM04557	2.10	1

45 - cover height [cm];

57 - cabinet width [modules]

Code	Type	Weight [kg]	Package [set]
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Covers IP20 with cut-out 45 mm

OEZ:39454	PD-D-KMV01524	0.24	1
OEZ:39455	PD-D-KMV01535	0.28	1
OEZ:39456	PD-D-KMV01546	0.35	1
OEZ:39457	PD-D-KMV01557	0.45	1

15 - cover height [cm];

57 - cabinet width [modules]

Sealing screws

OEZ:39732	PD-D-UM5P	0.015	1
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Code	Type	Length [modules]	Colour	Weight [kg]	Package [pcs]
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Blind plates

OEZ:39354	PD-R-ZAS1000-S	55	grey (RAL7035)	0.14	1
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Code	Type	Description	Weight [kg]	Package [pcs]
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Spare parts

OEZ:41329	ND-D-M8P	cage nut, set of 10 pcs, for DZ, DN	0.01	1
OEZ:38548	ND-D-UR3	closure for module covers, set of 10 pcs, for DZ, DN	0.14	1
OEZ:41167	ND-D-PD	door hinge for DZ43, DN43, 1 pc	0.01	1



NP66-0504021

NP66-0504021-WG



NP66-0504021



NP55-0812030-2K

WALL-MOUNTED SWITCHBOARD CABINETS FOR INDOOR USE NP

Type	NP66	NP55
Standards	IEC 62208, EN 62208	IEC 62208, EN 62208
Approval marks		
Installation	wall-mounted	wall-mounted
Degree of protection	IP66	IP55
Rated values of the used devices	max. 1 600 A, AC 230/400 V	max. 1 600 A, AC 230/400 V
Rated insulation voltage	AC 1 000 V, DC 1 500 V	AC 1 000 V, DC 1 500 V
Stage of protection against external mechanical shocks	plain door IK10 glazed door IK08	IK10 IK08
Protection class	I	I
Use	indoor	indoor
Cabinet material		
For indoor use	sheet steel coated with epoxy polyester powder paint, gloss	
Glazing	transparent, tempered safety glass according to EN 12150, 4 mm thickness	
Sealing	expanded polyurethane	
Door		
opening	right/left	right/left
Door	single	double
design	plain/glazed	plain/glazed
Closing design	tongue lock/ three-point bar closure	
Colour	grey (RAL7035)	grey (RAL7035)

Type designation

NP66-1008040-2K-WG

- NP - steel-sheet wall-mounted switchboard cabinet
- 66 - cabinet degree of protection IP66 for 1K, 55 - cabinet degree of protection IP55 for 2K
- 10 - cabinet height 1 000 mm
- 08 - cabinet width 800 mm

- WG - cabinets for indoor use with glazed door
- 2K - double door (1K without identification)
- 040 - cabinet depth 400 mm

Code	Type	Maximal number of modules	Weight [kg]	Package [pcs]
Indoor use with plain door, single				
OEZ:44035	NP66-0302015	-	4.5	1
OEZ:44039	NP66-0403015	-	7.6	1
OEZ:44037	NP66-0304015	-	7	1
OEZ:44036	NP66-0303021	-	7	1
OEZ:44040	NP66-0403021	-	8.5	1
OEZ:44043	NP66-0503021	-	9.5	1
OEZ:44038	NP66-0304021	-	8.5	1
OEZ:44041	NP66-0404021	-	9.5	1
OEZ:44044	NP66-0504021	-	11	1
OEZ:44048	NP66-0604021	-	15	1
OEZ:44046	NP66-0505021	-	15	1
OEZ:44055	NP66-0705021	-	22	1
OEZ:44051	NP66-0606021	-	22	1
OEZ:44045	NP66-0504025	36	14	1
OEZ:44049	NP66-0604025	36	18	1
OEZ:44050	NP66-0605025	54	21	1
OEZ:44042	NP66-0406025	-	16	1
OEZ:44052	NP66-0606025	72	23	1
OEZ:44057	NP66-0806025	120	32	1
OEZ:44061	NP66-1006025	144	51	1
OEZ:44054	NP66-0608025	105	30	1
OEZ:44062	NP66-1008025	210	51	1

Code	Type	Maximal number of modules	Weight [kg]	Package [pcs]
Indoor use with plain door, single				
OEZ:44047	NP66-0505030	54	18	1
OEZ:44056	NP66-0705030	72	25	1
OEZ:44053	NP66-0606030	72	24	1
OEZ:44058	NP66-0806030	120	35	1
OEZ:44065	NP66-1206030	168	47	1
OEZ:44059	NP66-0808030	175	43	1
OEZ:44063	NP66-1008030	210	52	1
OEZ:44066	NP66-1208030	245	52	1
OEZ:44060	NP66-0808040	175	46	1
OEZ:44064	NP66-1008040	210	56	1
OEZ:44067	NP66-1208040	245	64	1
Indoor use with plain door, double				
OEZ:44068	NP55-0608030-2K	105	33	1
OEZ:44069	NP55-0810030-2K	230	53	1
OEZ:44071	NP55-1010030-2K	276	64	1
OEZ:44070	NP55-0812030-2K	285	62	1
OEZ:44072	NP55-1012030-2K	342	84	1
OEZ:44073	NP55-1212030-2K	399	80	1
OEZ:44074	NP55-1212040-2K	399	98	1



NP66-0504021-WG



NP55-0812030-2K-WG

WALL-MOUNTED SWITCHBOARD CABINETS FOR INDOOR USE NP

Code	Type	Maximal number of modules	Weight [kg]	Package [pcs]
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Indoor use with glazed door, single

OEZ:44079	NP66-0403015-WG	-	8.9	1
OEZ:44077	NP66-0304015-WG	-	8.2	1
OEZ:44076	NP66-0303021-WG	-	8.2	1
OEZ:44080	NP66-0403021-WG	-	10	1
OEZ:44083	NP66-0503021-WG	-	11	1
OEZ:44078	NP66-0304021-WG	-	10	1
OEZ:44081	NP66-0404021-WG	-	11	1
OEZ:44084	NP66-0504021-WG	-	15	1
OEZ:44088	NP66-0604021-WG	-	17	1
OEZ:44086	NP66-0505021-WG	-	17	1
OEZ:44095	NP66-0705021-WG	-	25	1
OEZ:44091	NP66-0606021-WG	-	25	1
OEZ:44085	NP66-0504025-WG	36	16	1
OEZ:44089	NP66-0604025-WG	36	20	1
OEZ:44090	NP66-0605025-WG	54	24	1
OEZ:44082	NP66-0406025-WG	-	18	1
OEZ:44092	NP66-0606025-WG	72	27	1
OEZ:44097	NP66-0806025-WG	120	37	1
OEZ:44101	NP66-1006025-WG	144	60	1
OEZ:44094	NP66-0608025-WG	105	35	1
OEZ:44087	NP66-0505030-WG	54	20	1
OEZ:44096	NP66-0705030-WG	72	29	1
OEZ:44093	NP66-0606030-WG	72	28	1
OEZ:44098	NP66-0806030-WG	120	41	1
OEZ:44105	NP66-1206030-WG	168	55	1
OEZ:44099	NP66-0808030-WG	175	50	1
OEZ:44103	NP66-1008030-WG	210	61	1
OEZ:44106	NP66-1208030-WG	245	61	1
OEZ:44100	NP66-0808040-WG	175	54	1
OEZ:44104	NP66-1008040-WG	210	66	1
OEZ:44107	NP66-1208040-WG	245	75	1

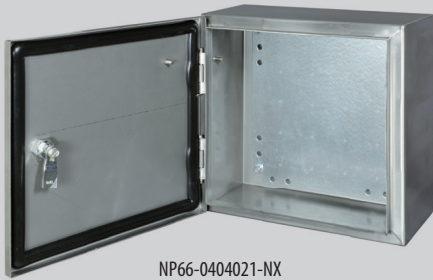
Code	Type	Maximal number of modules	Weight [kg]	Package [pcs]
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Indoor use with glazed door, double

OEZ:44108	NP55-0608030-2K-WG	105	15	1
OEZ:44109	NP55-0810030-2K-WG	230	15	1
OEZ:44111	NP55-1010030-2K-WG	276	22	1
OEZ:44110	NP55-0812030-2K-WG	285	22	1
OEZ:44112	NP55-1012030-2K-WG	342	14	1
OEZ:44113	NP55-1212030-2K-WG	399	18	1
OEZ:44114	NP55-1212040-2K-WG	399	21	1

ACCESSORIES NP

see page F19







NP66-0404021-NX



NP66-0404021-NX

NP...NX STAINLESS STEEL WALL-MOUNTED SWITCHBOARD CABINETS FOR INDOOR AND OUTDOOR USE

Type	NP66	NP55
Standards	IEC 62208, EN 62208	IEC 62208, EN 62208
Approval marks	 	 
Installation	wall-mounted	wall-mounted
Degree of protection	IP66	IP55
Rated values of the used devices	max. 1 600 A, AC 230/400 V	max. 1 600 A, AC 230/400 V
Rated insulation voltage	AC 1 000 V, DC 1 500 V	AC 1 000 V, DC 1 500 V
Stage of protection against external mechanical shocks	plain door IK10	IK10
Protection class	I	I
Use	indoor/outdoor (under the shelter or roof)	
Cabinet material		
Stainless	stainless steel sheet 1.4301 with fine ground surface	
Sealing	expanded polyurethane	
Door		
opening	right/left	right/left
Door	single	double
design	plain	plain
Closing design	tongue lock/three-point bar closure	

Type designation

NP66-1008040-2K-NX



Code	Type	Maximal number of modules	Weight [kg]	Package [pcs]
Indoor and outdoor use with plain door, single				
OEZ:44115	NP66-0302015-NX	-	4.5	1
OEZ:44119	NP66-0403015-NX	-	7.6	1
OEZ:44117	NP66-0304015-NX	-	7	1
OEZ:44116	NP66-0303021-NX	-	7	1
OEZ:44120	NP66-0403021-NX	-	8.5	1
OEZ:44118	NP66-0304021-NX	-	8.5	1
OEZ:44121	NP66-0404021-NX	-	9.5	1
OEZ:44122	NP66-0504021-NX	-	13	1
OEZ:44125	NP66-0604021-NX	-	15	1
OEZ:44123	NP66-0505021-NX	-	15	1
OEZ:44126	NP66-0606021-NX	-	22	1
OEZ:44127	NP66-0606025-NX	72	23	1
OEZ:44130	NP66-0806025-NX	120	32	1
OEZ:44124	NP66-0505030-NX	54	18	1
OEZ:44129	NP66-0705030-NX	72	25	1
OEZ:44128	NP66-0606030-NX	72	24	1
OEZ:44131	NP66-0806030-NX	120	35	1
OEZ:44132	NP66-0808030-NX	175	43	1
OEZ:44133	NP66-1008030-NX	210	52	1
OEZ:44134	NP66-1208030-NX	245	52	1
OEZ:44135	NP66-1208040-NX	245	64	1

Code	Type	Maximal number of modules	Weight [kg]	Package [pcs]
Indoor and outdoor use with plain door, double				
OEZ:44136	NP55-1010030-2K-NX	276	64	1
OEZ:44137	NP55-1210030-2K-NX	322	84	1

ACCESSORIES NP

see page F19



NP66-0403015-V

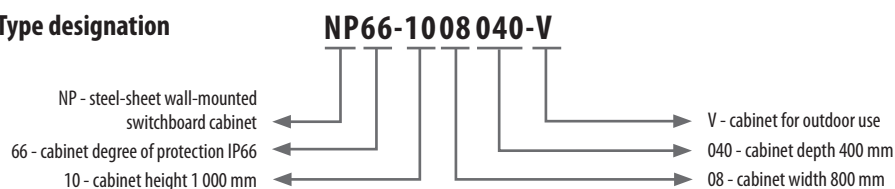


NP66-0403015-V

STAINLESS STEEL WALL-MOUNTED SWITCHBOARD CABINETS FOR OUTDOOR USE NP...V

Type	NP66
Standards	IEC 62208, EN 62208
Approval marks	
Installation	wall-mounted
Degree of protection	IP66
Rated values of the used devices	max. 1 600 A, AC 230/400 V
Rated insulation voltage	AC 1 000 V, DC 1 500 V
Stage of protection against external mechanical shocks	plain door IK10
Protection class	I
Use	outdoor (under the shelter or roof)
Cabinet material	
For outdoor use	stainless sheet steel coated with epoxy polyester powder paint, gloss
Sealing	expanded polyurethane
Door	
opening	right/left
Door	single
design	plain
Closing design	tongue lock/ three-point bar closure
Colour	grey (RAL7035)

Type designation

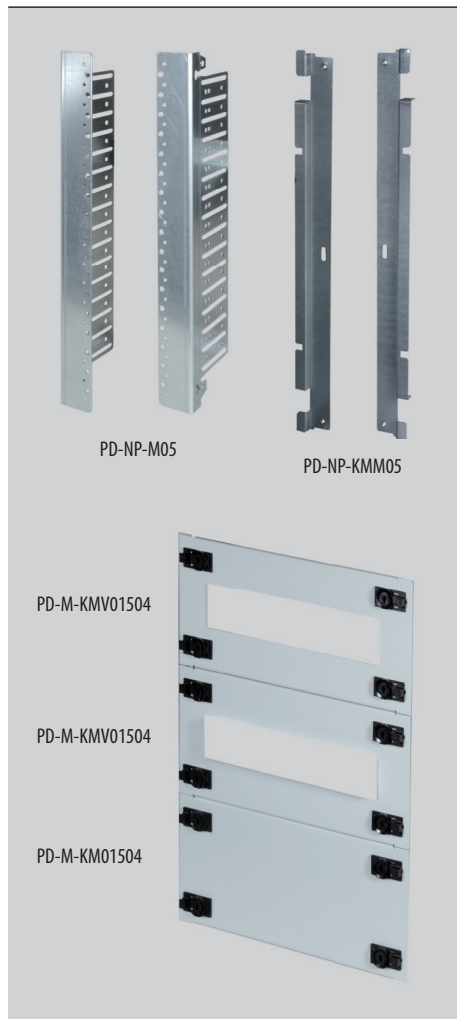
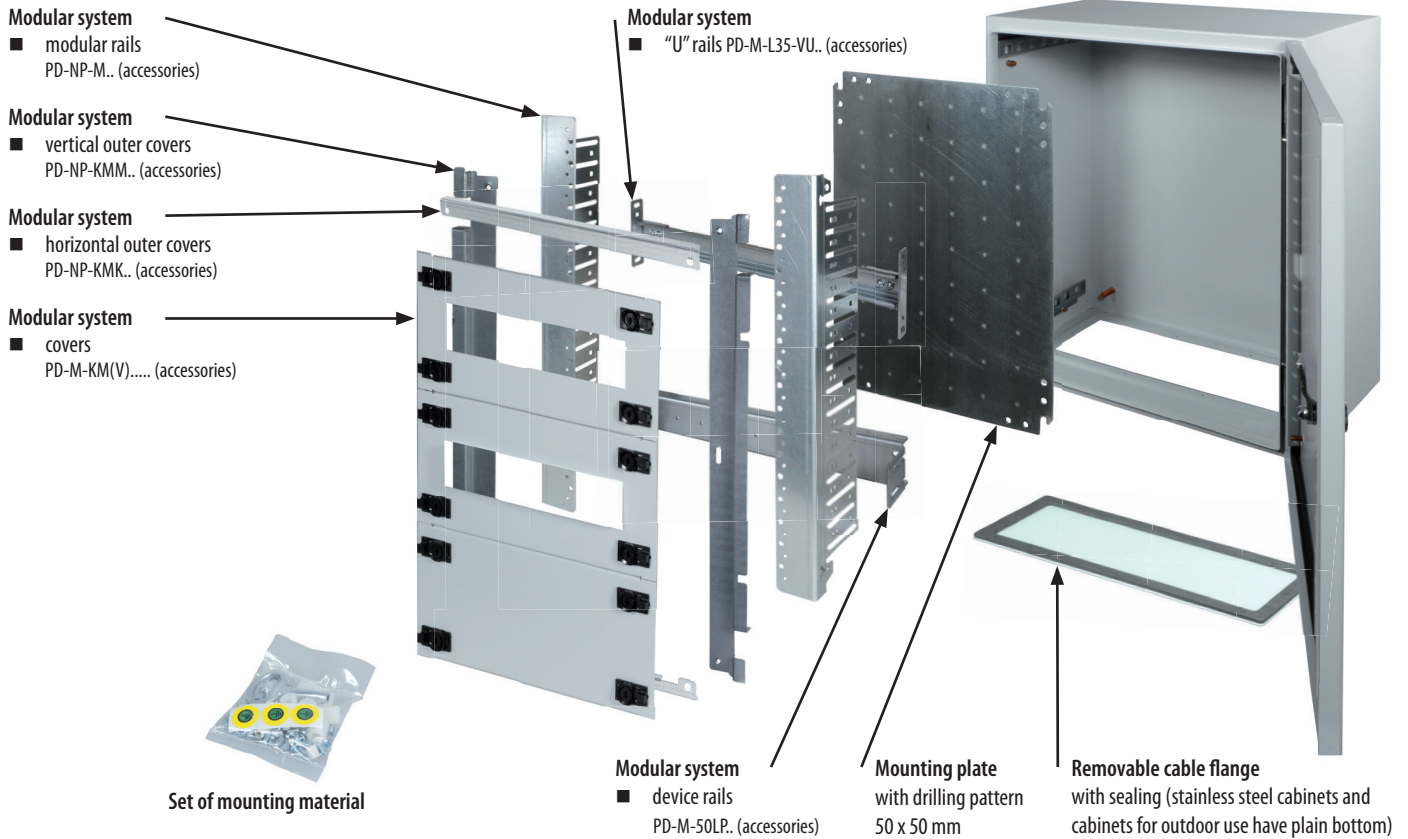


Code	Type	Maximal number of modules	Weight [kg]	Package [pcs]
Outdoor use with plain door, single				
OEZ-44138	NP66-0302015-V	-	4.5	1
OEZ-44142	NP66-0403015-V	-	7.6	1
OEZ-44140	NP66-0304015-V	-	7	1
OEZ-44139	NP66-0303021-V	-	7	1
OEZ-44143	NP66-0403021-V	-	8.5	1
OEZ-44141	NP66-0304021-V	-	8.5	1
OEZ-44144	NP66-0404021-V	-	9.5	1
OEZ-44147	NP66-0504021-V	-	13	1
OEZ-44151	NP66-0604021-V	-	15	1
OEZ-44149	NP66-0505021-V	-	15	1
OEZ-44154	NP66-0606021-V	-	22	1
OEZ-44160	NP66-0806025-V	120	32	1
OEZ-44150	NP66-0505030-V	54	18	1
OEZ-44159	NP66-0705030-V	72	25	1
OEZ-44156	NP66-0606030-V	72	24	1
OEZ-44161	NP66-0806030-V	120	35	1
OEZ-44168	NP66-1206030-V	168	47	1
OEZ-44162	NP66-0808030-V	175	43	1
OEZ-44167	NP66-1008040-V	210	56	1
OEZ-44170	NP66-1208040-V	245	64	1

ACCESSORIES NP

see page F19

DESCRIPTION OF CABINET DESIGN AND MODULAR SYSTEM

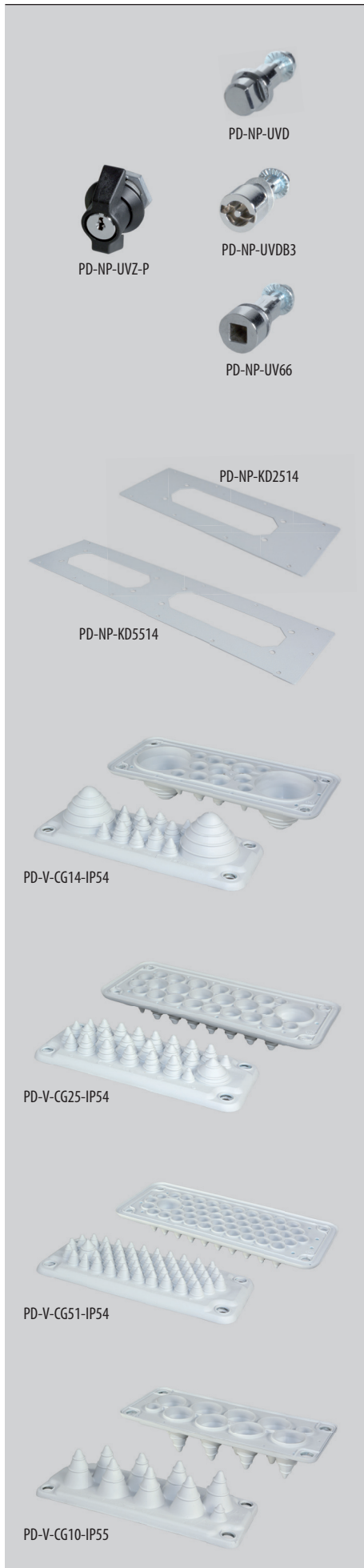


ACCESSORIES NP, NP...NX, NP...V

Code	Type	Weight [kg]	Package [pcs]
Modular system - modular rails			
OEZ:44236	PD-NP-M05	1.88	1
OEZ:44237	PD-NP-M06	2.28	1
OEZ:44238	PD-NP-M07	2.68	1
OEZ:44239	PD-NP-M08	3.08	1
OEZ:44240	PD-NP-M10	3.86	1
OEZ:44241	PD-NP-M12	4.66	1
Modular system - "U" rails			
OEZ:44249	PD-M-L35-VU04	0.54	1
OEZ:44250	PD-M-L35-VU05	0.61	1
OEZ:44251	PD-M-L35-VU06	0.68	1
OEZ:44252	PD-M-L35-VU08	0.82	1
OEZ:44253	PD-M-L35-VU10	0.96	1
OEZ:44254	PD-M-L35-VU12	1.10	1
Modular system - device rails			
OEZ:44279	PD-M-50LP04	0.63	1
OEZ:44280	PD-M-50LP05	0.75	1
OEZ:44281	PD-M-50LP06	0.87	1
OEZ:44282	PD-M-50LP08	1.10	1
OEZ:44283	PD-M-50LP10	1.33	1
OEZ:44284	PD-M-50LP12	1.57	1
OEZ:44285	PD-M-130LP04	1.16	1
OEZ:44286	PD-M-130LP05	1.40	1
OEZ:44287	PD-M-130LP06	1.64	1
OEZ:44288	PD-M-130LP08	2.13	1
OEZ:44289	PD-M-130LP10	2.61	1
OEZ:44290	PD-M-130LP12	3.10	1

Code	Type	Weight [kg]	Package [pcs]
Modular system - covers			
OEZ:44255	PD-M-KMV01504	0.50	1
OEZ:44256	PD-M-KMV01505	0.59	1
OEZ:44257	PD-M-KMV01506	0.68	1
OEZ:44258	PD-M-KMV01508	0.87	1
OEZ:44259	PD-M-KMV01510	1.06	1
OEZ:44260	PD-M-KMV01512	1.24	1
OEZ:44261	PD-M-KMV02004	0.61	1
OEZ:44262	PD-M-KMV02005	0.74	1
OEZ:44263	PD-M-KMV02006	0.87	1
OEZ:44264	PD-M-KMV02008	1.14	1
OEZ:44265	PD-M-KMV02010	1.41	1
OEZ:44266	PD-M-KMV02012	1.68	1
OEZ:44267	PD-M-KM01504	0.57	1
OEZ:44268	PD-M-KM01505	0.71	1
OEZ:44269	PD-M-KM01506	0.80	1
OEZ:44270	PD-M-KM01508	1.10	1
OEZ:44271	PD-M-KM01510	1.36	1
OEZ:44272	PD-M-KM01512	1.62	1
OEZ:44273	PD-M-KM02004	0.69	1
OEZ:44274	PD-M-KM02005	0.86	1
OEZ:44275	PD-M-KM02006	1.03	1
OEZ:44276	PD-M-KM02008	1.37	1
OEZ:44277	PD-M-KM02010	1.71	1
OEZ:44278	PD-M-KM02012	2.05	1

Code	Type	Weight [kg]	Package [pcs]
Modular system - outer covers			
OEZ:44583	PD-NP-KMM05	0.39	1
OEZ:44584	PD-NP-KMM06	0.47	1
OEZ:44585	PD-NP-KMM07	0.55	1
OEZ:44586	PD-NP-KMM08	0.63	1
OEZ:44587	PD-NP-KMM10	0.80	1
OEZ:44588	PD-NP-KMM12	0.96	1
OEZ:44243	PD-NP-KMK04	0.32	1
OEZ:44244	PD-NP-KMK05	0.34	1
OEZ:44245	PD-NP-KMK06	0.37	1
OEZ:44246	PD-NP-KMK08	0.42	1
OEZ:44247	PD-NP-KMK10	0.45	1
OEZ:44248	PD-NP-KMK12	0.53	1
Mounting anchors			
OEZ:44230	PD-NP-4Z08	0.28	1
Locks			
OEZ:44231	PD-NP-UVD	0.025	1
OEZ:44232	PD-NP-UVZ	0.200	1
OEZ:45419	PD-NP-UVZ-P	0.100	1
OEZ:44233	PD-NP-UVDB3	0.026	1
OEZ:44234	PD-NP-UV66	0.025	1
UVD - insert „D" for tongue and bar closing, door 1K and 2K			
UVZ - locking insert with handle for tongue and bar closing, two universal keys, door 1K and 2K			
UVZ-P - locking insert with plastic handle for tongue and bar closing, two universal keys, door 1K and 2K			
UVDB3 - insert DB3 for tongue and bar closing, door 1K and 2K			
UV66 - insert internal square 6x6 for tongue and bar closing, door 1K and 2K			



ACCESSORIES NP, NP...NX, NP...V

Code	Type	Description	Weight [kg]	Package [pcs]
Flanges				
OEZ:44590	PD-NP-KD2514	for NP66 and NP-...-WG, 250 x 140 mm, for hole 220 x 110mm, for 1 cable grommet	0.35	1
OEZ:44591	PD-NP-KD3514	for NP66 and NP-...-WG, 350 x 140 mm, for hole 320 x 110mm, for 1 cable grommet	0.5	1
OEZ:44592	PD-NP-KD4514	for NP66, NP55, NP66-...-WG, NP55-...-WG, 450 x 140 mm, for hole 420 x 110 mm, for 1 cable grommet	0.65	1
OEZ:44593	PD-NP-KD5514	for NP66, NP55, NP66-...-WG, NP55-...-WG, 550 x 140 mm, for hole 520 x 110 mm, for 2 cable grommets	0.64	1

Cable grommets

OEZ:44595	PD-V-CG14-IP54	IP54, for 14 cables of diameter 5x (10 ÷ 14), 4x (14 ÷ 18), 3x (14 ÷ 22), 2x (24 ÷ 54)	0.21	1
OEZ:44594	PD-V-CG25-IP54	IP54, for 25 cables of diameter 2x (3,5 ÷ 11), 5x (10 ÷ 14), 12x (14 ÷ 18), 5x (14 ÷ 22), 1x (14 ÷ 35)	0.22	1
OEZ:44596	PD-V-CG51-IP54	IP54, for 51 cables of diameter 50x (7 ÷ 13), 1x (15 ÷ 25)	0.22	1
OEZ:44597	PD-V-CG10-IP55	IP55, for 10 cables of diameter 2x (7 ÷ 12), 8x (10 ÷ 30)	0.22	1
OEZ:44598	PD-V-CG7-IP65	IP65, for 7 cables of diameter 4x (8 ÷ 12), 2x (24 ÷ 54), 1x (30 ÷ 60)	0.21	1
OEZ:44599	PD-V-CG35-IP65	IP65, for 35 cables of diameter 2x (6 ÷ 10), 14x (7 ÷ 12), 16x (10 ÷ 14), 2x (12 ÷ 18), 1x (17 ÷ 32)	0.24	1
OEZ:44600	PD-V-CG27-IP66	IP66, for 27 cables of diameter 4x (5 ÷ 7), 4x (8 ÷ 12), 13x (10 ÷ 14), 4x (14 ÷ 20), 2x (20 ÷ 26)	0.22	1
OEZ:44601	PD-V-CG37-IP66	IP66, for 37 cables of diameter 4x (6 ÷ 10), 14x (8 ÷ 12), 16x (10 ÷ 14), 2x (12 ÷ 18), 1x (17 ÷ 32)	0.25	1

Spare parts

OEZ:44602	PD-NP66-UDB5	tongue closing for NP66, for single door, set, DB5, with key	0.12	1
OEZ:44603	PD-NP66-URDB5	bar closing for NP66, NP55, set, DB5, with key, without rods	0.15	1
OEZ:44604	ND-NP-PD	hinge for NP66, NP55, set, 1 pcs	0.03	1
OEZ:44605	ND-NP-PDSV	hinge screw bolt including locking washers for NP66, NP55, 1 pcs	0.008	1
OEZ:44606	ND-NP-SM	mounting set	0.19	1
OEZ:44607	ND-NP-TPD4	plugs instead of hinges for NP66, NP55, 4 pcs	0.004	1
OEZ:44608	ND-NP-KD14SCR	self drilling screws 4.3 x 9, PH2, for flange NP66, NP55, flat top, 14 pcs	0.025	1
OEZ:44609	ND-NP-KD1509	flange for NP66, NP66-xx-WG, 150 x 90 mm, painted sheet metal, sealing, without screws	0.2	1
OEZ:44610	ND-NP-KD2509	flange for NP66, NP66-xx-WG, 250 x 90 mm, painted sheet metal, sealing, without screws	0.3	1
OEZ:44611	ND-NP-KD2514	flange for NP66, NP66-xx-WG, 250 x 140 mm, painted sheet metal, sealing, without screws	0.44	1
OEZ:44612	ND-NP-KD3514	flange for NP66, NP66-xx-WG, 350 x 140 mm, painted sheet metal, sealing, without screws	0.61	1
OEZ:44613	ND-NP-KD4514	flange for NP66, NP55, NP66-xx-WG, NP55-xx-WG, 450 x 140 mm, painted sheet metal, sealing, without screws	0.8	1
OEZ:44614	ND-NP-KD5514	flange for NP66, NP55, NP66-xx-WG, NP55-xx-WG, 550 x 140 mm, painted sheet metal, sealing, without screws	1	1



QA55-200808

SIDE-BY-SIDE CABINETS QA

Type	QA40	QA55
For circuits up to rated voltages	AC 1 000 V, DC 1 500 V	
Degree of protection	IP40	IP55
Sealing material	–	air expanded polyurethane
Maximum permissible load, frame	600 kg	
Maximum permissible load, door	55 kg	
Stage of protection against external mechanical shocks	IK10	
Colour	grey (RAL 7035) ¹⁾	
Place of use	indoor (for outdoor use we recommend consultation with the manufacturer)	
Ambient temperature	-5 ÷ +40 °C	
Sea level	Up to 1 000 m	
Standards	EN 62208	

¹⁾ per the customer's wish, we will provide other colours according to the RAL colour list

Type designation QA55-200806-(2D)-(1K)-(WP)-(WG)-(BV)

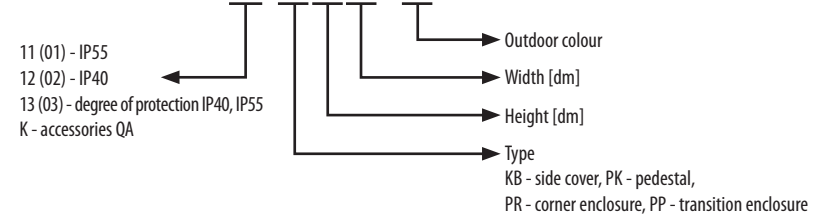


* Note: max. size of door glazing is by 300 mm smaller than the nominal width (height) of the cabinet.

Basic design of the cabinet contains:

- **FRAME**
 - removable upper cover
 - removable rear cover
 - opening in bottom
 - 2 side rails
- **DOOR**
 - for swivel handle
 - double-bar 5 mm insert
 - screwed perforated reinforcement along the whole perimeter of the door stiffened in corners
 - door opening angle 180°

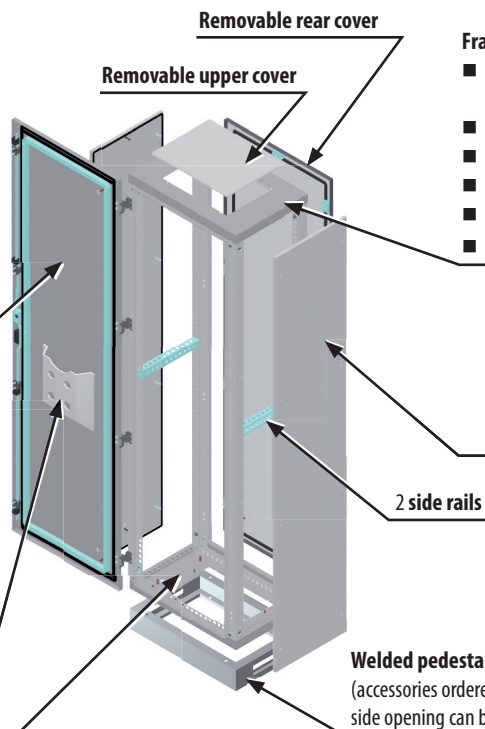
Accessories PD-Q...KB2006-(BV)



Cabinet design description

Door

- steel sheet of thickness 1.5 mm
- sealing from expanded polyurethane for IP55 degree of protection
- perforated screwed reinforcement stiffened in corners substantially increased door rigidity
- swivel door handle with double-bar 5 mm insert
- left, easily modifiable to right
- earthing points for connection of protective conductor
- single up to width 800 mm
- double for width 1 000 and 1 200 mm
- door opening angle 180°
- outdoor hinges



Frame

- combined welded/screwed from bent steel sheet of thickness 2 mm
- internal sides perforated by, openings 12.5 x 12.5 mm
- removable rear cover
- fixed upper cover with removable flange
- ready for installation of lifting lugs
- earthing points for connection of protective conductor

Side covers

- (accessories ordered separately)
- for degree of protection IP55 they are equipped with sealing from expanded polyurethane
 - earthing points for connection of protective conductor

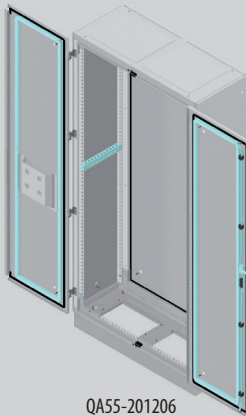
Data pocket
(accessories ordered separately)

Bottom with opening can be covered by sliding covers or one-piece bottom cover (covers shall be ordered separately) - to reach IP55 it is necessary to use the overall bottom cover

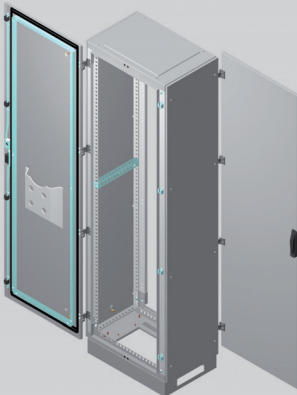
Welded pedestal 100 mm
(accessories ordered separately)
side opening can be covered ZAS-S (1 opening = 2 pcs PD-RI-ZAS-S)



QA55-200808



QA55-201206



QA55-200806-2D

Code	Type	Weight [kg]	Package [pcs]
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QA40, degree of protection IP40

OEZ:35462	QA40-180603	65.7	1
OEZ:35485	QA40-200603	71.3	1
OEZ:35508	QA40-220603	79.9	1
OEZ:35468	QA40-180803	79.8	1
OEZ:35491	QA40-200803	85.4	1
OEZ:35514	QA40-220803	91.0	1
OEZ:35474	QA40-181003	94.0	1
OEZ:35497	QA40-201003	99.5	1
OEZ:35520	QA40-221003	105.1	1
OEZ:35480	QA40-181203	108.0	1
OEZ:35503	QA40-201203	113.7	1
OEZ:35526	QA40-221203	119.2	1
OEZ:35463	QA40-180604	68.0	1
OEZ:35486	QA40-200604	73.5	1
OEZ:35509	QA40-220604	79.1	1
OEZ:35469	QA40-180804	86.5	1
OEZ:35492	QA40-200804	88.7	1
OEZ:35515	QA40-220804	94.3	1
OEZ:35475	QA40-181004	97.7	1
OEZ:35498	QA40-201004	103.3	1
OEZ:35521	QA40-221004	108.9	1
OEZ:35481	QA40-181204	112.3	1
OEZ:35504	QA40-201204	117.9	1
OEZ:35527	QA40-221204	123.5	1
OEZ:35464	QA40-180605	70.2	1
OEZ:35487	QA40-200605	75.8	1
OEZ:35510	QA40-220605	81.4	1
OEZ:35470	QA40-180805	89.9	1
OEZ:35493	QA40-200805	92.1	1
OEZ:35516	QA40-220805	97.7	1
OEZ:35476	QA40-181005	101.5	1
OEZ:35499	QA40-201005	107.1	1
OEZ:35522	QA40-221005	112.7	1
OEZ:35482	QA40-181205	116.5	1
OEZ:35505	QA40-201205	122.1	1
OEZ:35528	QA40-221205	127.7	1
OEZ:35465	QA40-180606	72.5	1
OEZ:35488	QA40-200606	78.1	1
OEZ:35511	QA40-220606	83.7	1
OEZ:35471	QA40-180806	93.2	1
OEZ:35494	QA40-200806	95.4	1
OEZ:35517	QA40-220806	101.0	1
OEZ:35477	QA40-181006	105.2	1
OEZ:35500	QA40-201006	110.8	1
OEZ:35523	QA40-221006	116.4	1
OEZ:35483	QA40-181206	120.7	1
OEZ:35506	QA40-201206	126.3	1
OEZ:35529	QA40-221206	131.9	1
OEZ:35466	QA40-180608	77.1	1
OEZ:35489	QA40-200608	82.7	1
OEZ:35512	QA40-220608	88.3	1
OEZ:35472	QA40-180808	99.9	1
OEZ:35495	QA40-200808	102.1	1
OEZ:35518	QA40-220808	107.7	1
OEZ:35478	QA40-181008	112.3	1
OEZ:35501	QA40-201008	118.3	1
OEZ:35524	QA40-221008	123.9	1
OEZ:35484	QA40-181208	129.1	1
OEZ:35507	QA40-201208	134.7	1
OEZ:35530	QA40-221208	140.3	1
OEZ:35467	QA40-180610	82.7	1
OEZ:35490	QA40-200610	87.2	1
OEZ:35513	QA40-220610	92.8	1
OEZ:35473	QA40-180810	106.6	1
OEZ:35496	QA40-200810	108.8	1
OEZ:35519	QA40-220810	114.4	1
OEZ:35479	QA40-181010	119.0	1
OEZ:35502	QA40-201010	125.9	1
OEZ:35525	QA40-221010	131.5	1

Code	Type	Weight [kg]	Package [pcs]
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QA55, degree of protection IP55

OEZ:35393	QA55-180603	65.7	1
OEZ:35416	QA55-200603	71.3	1
OEZ:35439	QA55-220603	76.9	1
OEZ:35399	QA55-180803	79.9	1
OEZ:35422	QA55-200803	85.5	1
OEZ:35445	QA55-220803	91.0	1
OEZ:35405	QA55-181003	94.0	1
OEZ:35428	QA55-201003	99.6	1
OEZ:35451	QA55-221003	105.2	1
OEZ:35411	QA55-181203	108.1	1
OEZ:35434	QA55-201203	113.7	1
OEZ:35457	QA55-221203	119.3	1
OEZ:35394	QA55-180604	68.0	1
OEZ:35417	QA55-200604	73.6	1
OEZ:35440	QA55-220604	79.2	1
OEZ:35400	QA55-180804	86.6	1
OEZ:35423	QA55-200804	88.8	1
OEZ:35446	QA55-220804	94.4	1
OEZ:35406	QA55-181004	97.8	1
OEZ:35429	QA55-201004	103.4	1
OEZ:35452	QA55-221004	109.0	1
OEZ:35412	QA55-181204	112.3	1
OEZ:35435	QA55-201204	117.9	1
OEZ:35458	QA55-221204	123.5	1
OEZ:35395	QA55-180605	70.3	1
OEZ:35418	QA55-200605	75.9	1
OEZ:35441	QA55-220605	81.5	1
OEZ:35401	QA55-180805	89.9	1
OEZ:35424	QA55-200805	92.2	1
OEZ:35447	QA55-220805	97.7	1
OEZ:35407	QA55-181005	101.5	1
OEZ:35430	QA55-201005	107.1	1
OEZ:35453	QA55-221005	112.7	1
OEZ:35413	QA55-181205	116.5	1
OEZ:35436	QA55-201205	122.1	1
OEZ:35459	QA55-221205	127.7	1
OEZ:35396	QA55-180606	72.6	1
OEZ:35419	QA55-200606	78.2	1
OEZ:35442	QA55-220606	83.8	1
OEZ:35402	QA55-180806	93.3	1
OEZ:35425	QA55-200806	95.5	1
OEZ:35448	QA55-220806	101.1	1
OEZ:35408	QA55-181006	105.3	1
OEZ:35431	QA55-201006	110.9	1
OEZ:35454	QA55-221006	116.5	1
OEZ:35414	QA55-181206	120.7	1
OEZ:35437	QA55-201206	126.3	1
OEZ:35460	QA55-221206	131.9	1
OEZ:35397	QA55-180608	77.1	1
OEZ:35420	QA55-200608	82.7	1
OEZ:35443	QA55-220608	88.3	1
OEZ:35403	QA55-180808	100.0	1
OEZ:35426	QA55-200808	102.2	1
OEZ:35449	QA55-220808	107.8	1
OEZ:35409	QA55-181008	112.4	1
OEZ:35432	QA55-201008	118.4	1
OEZ:35455	QA55-221008	124.0	1
OEZ:35415	QA55-181208	129.2	1
OEZ:35438	QA55-201208	134.8	1
OEZ:35461	QA55-221208	140.4	1
OEZ:35398	QA55-180610	82.7	1
OEZ:35421	QA55-200610	87.3	1
OEZ:35444	QA55-220610	92.9	1
OEZ:35404	QA55-180810	106.7	1
OEZ:35427	QA55-200810	108.9	1
OEZ:35450	QA55-220810	114.5	1
OEZ:35410	QA55-181010	119.1	1
OEZ:35433	QA55-201010	125.9	1
OEZ:35456	QA55-221010	131.5	1

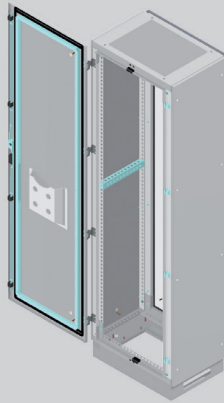
Code	Type	Weight [kg]	Package [pcs]
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QA40, degree of protection IP40, 2D

OEZ:35727	QA40-180608-2D	77.1	1
OEZ:35734	QA40-200608-2D	82.7	1
OEZ:35741	QA40-220608-2D	88.3	1
OEZ:35729	QA40-180808-2D	99.9	1
OEZ:35736	QA40-200808-2D	102.1	1
OEZ:35743	QA40-220808-2D	107.7	1
OEZ:35731	QA40-181008-2D	112.3	1
OEZ:35738	QA40-201008-2D	118.0	1
OEZ:35745	QA40-221008-2D	123.9	1
OEZ:35733	QA40-181208-2D	129.1	1
OEZ:35740	QA40-201208-2D	134.7	1
OEZ:35747	QA40-221208-2D	140.3	1
OEZ:35735	QA40-180610-2D	82.7	1
OEZ:35735	QA40-200610-2D	87.2	1
OEZ:35742	QA40-220610-2D	92.8	1
OEZ:35730	QA40-180810-2D	106.6	1
OEZ:35737	QA40-200810-2D	108.8	1
OEZ:35744	QA40-220810-2D	114.4	1
OEZ:35732	QA40-181010-2D	119.0	1
OEZ:35739	QA40-201010-2D	125.9	1
OEZ:35746	QA40-221010-2D	131.5	1

QA55, degree of protection IP55, 2D

OEZ:35706	QA55-180608-2D	77.1	1
OEZ:35713	QA55-200608-2D	82.7	1
OEZ:35720	QA55-220608-2D	88.3	1
OEZ:35708	QA55-180808-2D	100.0	1
OEZ:35715	QA55-200808-2D	102.2	1
OEZ:35722	QA55-220808-2D	107.8	1
OEZ:35710	QA55-181008-2D	112.4	1
OEZ:35717	QA55-201008-2D	118.4	1
OEZ:35724	QA55-221008-2D	124.0	1
OEZ:35712	QA55-181208-2D	129.2	1
OEZ:35719	QA55-201208-2D	134.8	1
OEZ:35726	QA55-221208-2D	140.4	1
OEZ:35707	QA55-180610-2D	82.7	1
OEZ:35714	QA55-200610-2D	87.3	1
OEZ:35721	QA55-220610-2D	92.9	1
OEZ:35709	QA55-180810-2D	106.7	1
OEZ:35716	QA55-200810-2D	108.9	1
OEZ:35723	QA55-220810-2D	114.5	1
OEZ:35711	QA55-181010-2D	119.1	1
OEZ:35718	QA55-201010-2D	125.9	1
OEZ:35725	QA55-221010-2D	131.5	1



1K
single door design

Code	Type	Weight [kg]	Package [pcs]
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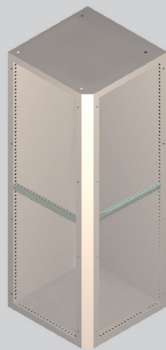
QA40, degree of protection IP40, width 1 000 mm, single

OEZ:37064	QA40-181003-1K	94.0	1
OEZ:37076	QA40-201003-1K	99.5	1
OEZ:37088	QA40-221003-1K	105.1	1
OEZ:37065	QA40-181004-1K	97.7	1
OEZ:37077	QA40-201004-1K	103.3	1
OEZ:37089	QA40-221004-1K	108.9	1
OEZ:37066	QA40-181005-1K	101.5	1
OEZ:37078	QA40-201005-1K	107.1	1
OEZ:37090	QA40-221005-1K	112.7	1
OEZ:37067	QA40-181006-1K	105.2	1
OEZ:37079	QA40-201006-1K	110.8	1
OEZ:37091	QA40-221006-1K	116.4	1
OEZ:37068	QA40-181008-1K	112.3	1
OEZ:37080	QA40-201008-1K	118.3	1
OEZ:37092	QA40-221008-1K	123.9	1
OEZ:37069	QA40-181010-1K	119.0	1
OEZ:37081	QA40-201010-1K	125.9	1
OEZ:37093	QA40-221010-1K	125.9	1

Code	Type	Weight [kg]	Package [pcs]
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QA55, degree of protection IP55, width 1 000 mm, single

OEZ:37100	QA55-181003-1K	94.0	1
OEZ:37112	QA55-201003-1K	99.6	1
OEZ:37124	QA55-221003-1K	105.2	1
OEZ:37101	QA55-181004-1K	97.8	1
OEZ:37113	QA55-201004-1K	103.4	1
OEZ:37125	QA55-221004-1K	109.0	1
OEZ:37102	QA55-181005-1K	101.5	1
OEZ:37114	QA55-201005-1K	107.1	1
OEZ:37126	QA55-221005-1K	112.7	1
OEZ:37103	QA55-181006-1K	105.3	1
OEZ:37115	QA55-201006-1K	110.9	1
OEZ:37127	QA55-221006-1K	116.5	1
OEZ:37104	QA55-181008-1K	112.4	1
OEZ:37116	QA55-201008-1K	118.4	1
OEZ:37128	QA55-221008-1K	124.0	1
OEZ:37105	QA55-181010-1K	119.1	1
OEZ:37117	QA55-201010-1K	125.9	1
OEZ:37129	QA55-221010-1K	131.5	1



PD-Q01-PR200606



PD-Q12-KB2004



PD-Q01-PP200205

ACCESSORIES OF CABINETS QA

Code	Type	Weight [kg]	Package [pcs]
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Corner enclosures for QA, degree of protection IP55

OEZ:33760	PD-Q01-PR200404	74	1
OEZ:20911	PD-Q01-PR200406	74	1
OEZ:20916	PD-Q01-PR200408	89	1
OEZ:33768	PD-Q01-PR200505	83	1
OEZ:20913	PD-Q01-PR200506	76	1
OEZ:20918	PD-Q01-PR200508	92	1
OEZ:20909	PD-Q01-PR200604	74	1
OEZ:20912	PD-Q01-PR200605	76	1
OEZ:20914	PD-Q01-PR200606	78	1
OEZ:20696	PD-Q01-PR200608	101	1
OEZ:20915	PD-Q01-PR200804	89	1
OEZ:20917	PD-Q01-PR200805	92	1
OEZ:20697	PD-Q01-PR200806	101	1
OEZ:20698	PD-Q01-PR200808	110	1
OEZ:44226	PD-Q01-PR200810	115	1
OEZ:44225	PD-Q01-PR201008	118	1

Transition enclosures for QA, degree of protection IP55

OEZ:20919	PD-Q01-PP200203	55	1
OEZ:20921	PD-Q01-PP200204	58	1
OEZ:20922	PD-Q01-PP200205	60	1
OEZ:20699	PD-Q01-PP200206	34	1
OEZ:20700	PD-Q01-PP200208	38	1
OEZ:41142	PD-Q01-PP200210	42	1
OEZ:43549	PD-Q01-PP200212	46	1

Dividing covers between cabinets QA40 and QA55

OEZ:20702	PD-Q03-KBD2004	9	1
OEZ:20703	PD-Q03-KBD2005	12	1
OEZ:20704	PD-Q03-KBD2006	15	1
OEZ:20705	PD-Q03-KBD2008	19	1

20 - cabinet height, 08 - cabinet depth

Code	Type	Weight [kg]	Package [pcs]
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Side covers for QA40

OEZ:35589	PD-Q12-KB1803	13	1
OEZ:35590	PD-Q12-KB1804	17	1
OEZ:35591	PD-Q12-KB1805	21	1
OEZ:35592	PD-Q12-KB1806	25	1
OEZ:35593	PD-Q12-KB1808	34	1
OEZ:35594	PD-Q12-KB1810	34	1
OEZ:35595	PD-Q12-KB2003	7,5	1
OEZ:35596	PD-Q12-KB2004	19	1
OEZ:35597	PD-Q12-KB2005	23	1
OEZ:35598	PD-Q12-KB2006	27	1
OEZ:35599	PD-Q12-KB2008	38	1
OEZ:35600	PD-Q12-KB2010	38	1
OEZ:35601	PD-Q12-KB2203	17	1
OEZ:35602	PD-Q12-KB2204	21	1
OEZ:35603	PD-Q12-KB2205	25	1
OEZ:35604	PD-Q12-KB2206	30	1
OEZ:35605	PD-Q12-KB2208	42	1
OEZ:35606	PD-Q12-KB2210	42	1

Covers for variable depths of cabinets QA40

OEZ:35750	PD-Q12-KBP2002	7	1
OEZ:35751	PD-Q12-KBP2202	7	1

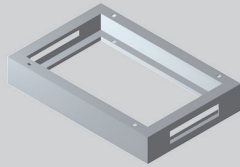
Code	Type	Weight [kg]	Package [pcs]
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Side covers for QA55

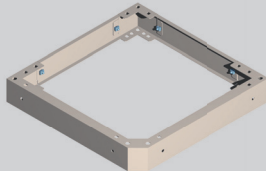
OEZ:35571	PD-Q11-KB1803	13	1
OEZ:35572	PD-Q11-KB1804	17	1
OEZ:35573	PD-Q11-KB1805	21	1
OEZ:35574	PD-Q11-KB1806	25	1
OEZ:35575	PD-Q11-KB1808	34	1
OEZ:35576	PD-Q11-KB1810	34	1
OEZ:35577	PD-Q11-KB2003	15	1
OEZ:35578	PD-Q11-KB2004	19	1
OEZ:35579	PD-Q11-KB2005	23	1
OEZ:35580	PD-Q11-KB2006	27	1
OEZ:35581	PD-Q11-KB2008	38	1
OEZ:35582	PD-Q11-KB2010	38	1
OEZ:35583	PD-Q11-KB2203	117	1
OEZ:35584	PD-Q11-KB2204	21	1
OEZ:35585	PD-Q11-KB2205	25	1
OEZ:35586	PD-Q11-KB2206	30	1
OEZ:35587	PD-Q11-KB2208	42	1
OEZ:35588	PD-Q11-KB2210	42	1

Covers for variable depths of cabinets QA55

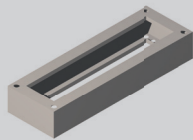
OEZ:35748	PD-Q11-KBP2002	7	1
OEZ:35749	PD-Q11-KBP2202	7	1



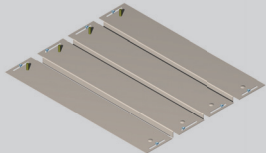
PD-Q13-PK010805



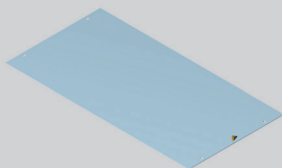
PD-Q03PR-PK010406



PD-Q03PP-PK010206



PD-Q13-3KD0808



PD-Q13-1KD0804



PD-Q03-MP1908

ACCESSORIES OF CABINETS QA

Code	Type	Weight [kg]	Package [pcs]
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Pedestals 100 mm for QA40 and QA55

OEZ:35607	PD-Q13-PK010603	5.8	1
OEZ:35608	PD-Q13-PK010604	6.4	1
OEZ:35609	PD-Q13-PK010605	7.1	1
OEZ:35610	PD-Q13-PK010606	7.7	1
OEZ:35611	PD-Q13-PK010608	8.9	1
OEZ:35612	PD-Q13-PK010610	10.1	1
OEZ:35613	PD-Q13-PK010803	7.1	1
OEZ:35614	PD-Q13-PK010804	7.7	1
OEZ:35615	PD-Q13-PK010805	8.4	1
OEZ:35616	PD-Q13-PK010806	9.0	1
OEZ:35617	PD-Q13-PK010808	10.3	1
OEZ:35618	PD-Q13-PK010810	11.6	1
OEZ:35619	PD-Q13-PK011003	8.5	1
OEZ:35620	PD-Q13-PK011004	9.1	1
OEZ:35621	PD-Q13-PK011005	9.7	1
OEZ:35622	PD-Q13-PK011006	10.4	1
OEZ:35623	PD-Q13-PK011008	11.6	1
OEZ:35624	PD-Q13-PK011010	12.9	1
OEZ:35625	PD-Q13-PK011203	9.9	1
OEZ:35626	PD-Q13-PK011204	10.5	1
OEZ:35627	PD-Q13-PK011205	11.1	1
OEZ:35628	PD-Q13-PK011206	11.7	1
OEZ:35629	PD-Q13-PK011208	12.9	1

01 - pedestal height, 12 - cabinet width, 08 - cabinet depth

Pedestals 100 mm for corner enclosures

OEZ:34648	PD-Q03PR-PK010404	4.0	1
OEZ:21117	PD-Q03PR-PK010406	6.4	1
OEZ:21121	PD-Q03PR-PK010408	7.7	1
OEZ:33767	PD-Q03PR-PK010505	5.0	1
OEZ:21119	PD-Q03PR-PK010506	7.1	1
OEZ:21123	PD-Q03PR-PK010508	8.4	1
OEZ:21116	PD-Q03PR-PK010604	6.4	1
OEZ:21118	PD-Q03PR-PK010605	7.1	1
OEZ:15979	PD-Q03PR-PK010606	7.5	1
OEZ:20714	PD-Q03PR-PK010608	8.5	1
OEZ:21120	PD-Q03PR-PK010804	7.7	1
OEZ:21122	PD-Q03PR-PK010805	8.4	1
OEZ:20715	PD-Q03PR-PK010806	8.5	1
OEZ:20716	PD-Q03PR-PK010808	10.5	1
OEZ:44228	PD-Q03PR-PK010810	11.6	1
OEZ:44227	PD-Q03PR-PK011008	11.6	1

Pedestals 100 mm for transition enclosures

OEZ:33408	PD-Q03PP-PK010203	3.0	1
OEZ:33409	PD-Q03PP-PK010204	3.5	1
OEZ:33410	PD-Q03PP-PK010205	4.0	1
OEZ:15980	PD-Q03PP-PK010206	4.5	1
OEZ:33411	PD-Q03PP-PK010208	5.5	1
OEZ:41143	PD-Q03PP-PK010210	6.5	1
OEZ:43550	PD-Q03PP-PK010212	7.5	1

Filler between mounting plates

OEZ:17610	PD-Q03-MPV17	5	1
OEZ:17611	PD-Q03-MPV19	6	1
OEZ:17612	PD-Q03-MPV21	7	1

21 - tank height [dm], (cabinet height - 1 dm)

Code	Type	Weight [kg]	Package [pcs]
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Pedestals 200 mm for QA40 and QA55

OEZ:35630	PD-Q13-PK020603	8.7	1
OEZ:35631	PD-Q13-PK020604	9.6	1
OEZ:35632	PD-Q13-PK020605	10.6	1
OEZ:35633	PD-Q13-PK020606	11.6	1
OEZ:35634	PD-Q13-PK020608	13.4	1
OEZ:35635	PD-Q13-PK020610	15.2	1
OEZ:35636	PD-Q13-PK020803	10.7	1
OEZ:35637	PD-Q13-PK020804	11.6	1
OEZ:35638	PD-Q13-PK020805	12.5	1
OEZ:35639	PD-Q13-PK020806	13.5	1
OEZ:35640	PD-Q13-PK020808	15.4	1
OEZ:35641	PD-Q13-PK020810	17.3	1
OEZ:35642	PD-Q13-PK021003	12.8	1
OEZ:35643	PD-Q13-PK021004	13.7	1
OEZ:35644	PD-Q13-PK021005	14.6	1
OEZ:35645	PD-Q13-PK021006	15.5	1
OEZ:35646	PD-Q13-PK021008	17.3	1
OEZ:35647	PD-Q13-PK021010	19.4	1
OEZ:35648	PD-Q13-PK021203	14.9	1
OEZ:35649	PD-Q13-PK021204	15.8	1
OEZ:35650	PD-Q13-PK021205	16.7	1
OEZ:35651	PD-Q13-PK021206	17.6	1
OEZ:35652	PD-Q13-PK021208	19.4	1

02 - pedestal height, 12 - cabinet width, 08 - cabinet depth

Bottom sliding flanges for QA40

OEZ:35752	PD-Q13-3KD0603	1.0	1
OEZ:35753	PD-Q13-3KD0604	1.5	1
OEZ:35754	PD-Q13-3KD0605	2.2	1
OEZ:35755	PD-Q13-3KD0606	2.7	1
OEZ:35756	PD-Q13-3KD0608	3.9	1
OEZ:35757	PD-Q13-3KD0610	4.6	1
OEZ:35758	PD-Q13-3KD0803	1.4	1
OEZ:35759	PD-Q13-3KD0804	2.2	1
OEZ:35760	PD-Q13-3KD0805	3.2	1
OEZ:35761	PD-Q13-3KD0806	3.9	1
OEZ:35762	PD-Q13-3KD0808	5.9	1
OEZ:35763	PD-Q13-3KD0810	6.9	1
OEZ:35764	PD-Q13-3KD1003	1.7	1
OEZ:35765	PD-Q13-3KD1004	2.6	1
OEZ:35766	PD-Q13-3KD1005	3.9	1
OEZ:35767	PD-Q13-3KD1006	4.7	1
OEZ:35768	PD-Q13-3KD1008	7.1	1
OEZ:35769	PD-Q13-3KD1010	8.4	1
OEZ:35770	PD-Q13-3KD1203	2.2	1
OEZ:35771	PD-Q13-3KD1204	3.3	1
OEZ:35772	PD-Q13-3KD1205	4.9	1
OEZ:35773	PD-Q13-3KD1206	6.4	1
OEZ:35774	PD-Q13-3KD1208	9.1	1

Rails for easy mounting of mounting plate MP

OEZ:35798	PD-Q13-LMP04	1.4	1
OEZ:35799	PD-Q13-LMP05	1.9	1
OEZ:35800	PD-Q13-LMP06	2.2	1
OEZ:35801	PD-Q13-LMP08	3.5	1
OEZ:35802	PD-Q13-LMP10	4.7	1

10 - cabinet depth [dm]

Code	Type	Weight [kg]	Package [pcs]
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Pedestals 100 mm with ventilation for QA40 and QA55

OEZ:38559	PD-Q13-PKV010603	5.8	1
OEZ:38560	PD-Q13-PKV010604	6.4	1
OEZ:38561	PD-Q13-PKV010605	7.1	1
OEZ:38562	PD-Q13-PKV010606	7.7	1
OEZ:38563	PD-Q13-PKV010608	8.9	1
OEZ:38564	PD-Q13-PKV010610	10.1	1
OEZ:38565	PD-Q13-PKV010803	7.1	1
OEZ:38566	PD-Q13-PKV010804	7.7	1
OEZ:38567	PD-Q13-PKV010805	8.4	1
OEZ:38568	PD-Q13-PKV010806	9.0	1
OEZ:38569	PD-Q13-PKV010808	10.3	1
OEZ:38570	PD-Q13-PKV010810	11.6	1
OEZ:38571	PD-Q13-PKV011003	8.5	1
OEZ:38572	PD-Q13-PKV011004	9.1	1
OEZ:38573	PD-Q13-PKV011005	9.7	1
OEZ:38574	PD-Q13-PKV011006	10.4	1
OEZ:38575	PD-Q13-PKV011008	11.6	1
OEZ:38576	PD-Q13-PKV011010	12.9	1
OEZ:38577	PD-Q13-PKV011203	9.9	1
OEZ:38578	PD-Q13-PKV011204	10.5	1
OEZ:38579	PD-Q13-PKV011205	11.1	1
OEZ:38580	PD-Q13-PKV011206	11.7	1
OEZ:38581	PD-Q13-PKV011208	12.9	1

01 - pedestal height, 12 - cabinet width, 08 - cabinet depth

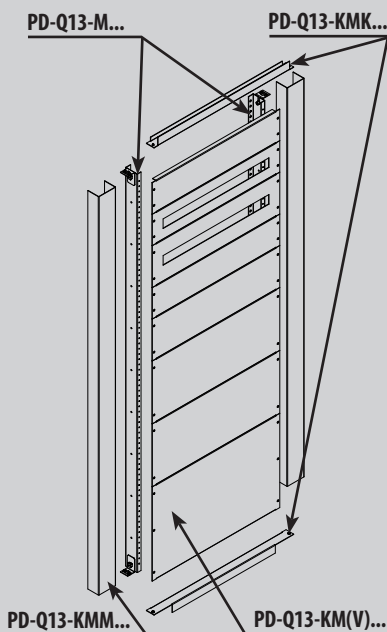
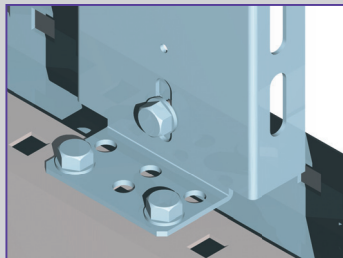
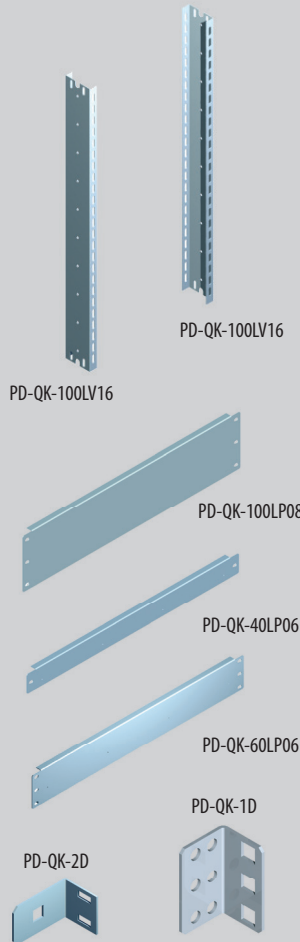
One-piece bottom covers for QA40 and QA55

OEZ:35775	PD-Q13-1KD0603	0.9	1
OEZ:35776	PD-Q13-1KD0604	1.3	1
OEZ:35777	PD-Q13-1KD0605	1.7	1
OEZ:35778	PD-Q13-1KD0606	2.2	1
OEZ:35779	PD-Q13-1KD0608	3.1	1
OEZ:35780	PD-Q13-1KD0610	4.0	1
OEZ:35781	PD-Q13-1KD0803	1.3	1
OEZ:35782	PD-Q13-1KD0804	1.9	1
OEZ:35783	PD-Q13-1KD0805	2.6	1
OEZ:35784	PD-Q13-1KD0806	3.3	1
OEZ:35785	PD-Q13-1KD0808	4.7	1
OEZ:35786	PD-Q13-1KD0810	6.1	1
OEZ:35787	PD-Q13-1KD1003	1.6	1
OEZ:35788	PD-Q13-1KD1004	2.5	1
OEZ:35789	PD-Q13-1KD1005	3.4	1
OEZ:35790	PD-Q13-1KD1006	4.2	1
OEZ:35791	PD-Q13-1KD1008	5.9	1
OEZ:35792	PD-Q13-1KD1010	7.7	1
OEZ:35793	PD-Q13-1KD1203	2.1	1
OEZ:35794	PD-Q13-1KD1204	3.1	1
OEZ:35795	PD-Q13-1KD1205	4.2	1
OEZ:35796	PD-Q13-1KD1206	5.0	1
OEZ:35797	PD-Q13-1KD1208	7.5	1

Mounting plates for QA40 and QA55

OEZ:17499	PD-Q03-MP1706	21.0	1
OEZ:17500	PD-Q03-MP1708	28.0	1
OEZ:17601	PD-Q03-MP1710	35.0	1
OEZ:17602	PD-Q03-MP1712	42.0	1
OEZ:17603	PD-Q03-MP1906	23.5	1
OEZ:17604	PD-Q03-MP1908	31.5	1
OEZ:17605	PD-Q03-MP1910	39.0	1
OEZ:17606	PD-Q03-MP1912	47.0	1
OEZ:17607	PD-Q03-MP2106	26.5	1
OEZ:17608	PD-Q03-MP2108	35.0	1
OEZ:17609	PD-Q03-MP2110	44.0	1
OEZ:21132	PD-Q03-MP2112	53.0	1

21 - tank height (cabinet height - 1 dm), 12 - cabinet width



ACCESSORIES OF CABINETS QA

Code	Type	Weight [kg]	Package [pcs]
Upper covers with ventilation			
OEZ:38582	PD-Q13-KHV0603	3.5	1
OEZ:38583	PD-Q13-KHV0604	4.0	1
OEZ:38584	PD-Q13-KHV0605	4.5	1
OEZ:38585	PD-Q13-KHV0606	5.0	1
OEZ:38586	PD-Q13-KHV0608	5.95	1
OEZ:38587	PD-Q13-KHV0610	6.95	1
OEZ:38588	PD-Q13-KHV0803	4.3	1
OEZ:38589	PD-Q13-KHV0804	4.8	1
OEZ:38590	PD-Q13-KHV0805	5.3	1
OEZ:38591	PD-Q13-KHV0806	5.8	1
OEZ:38592	PD-Q13-KHV0808	6.7	1
OEZ:38593	PD-Q13-KHV0810	7.7	1
OEZ:38594	PD-Q13-KHV1003	8.3	1
OEZ:38595	PD-Q13-KHV1004	9.0	1
OEZ:38596	PD-Q13-KHV1005	9.7	1
OEZ:38597	PD-Q13-KHV1006	10.5	1
OEZ:38598	PD-Q13-KHV1008	11.75	1
OEZ:38599	PD-Q13-KHV1010	13.0	1
OEZ:38600	PD-Q13-KHV1203	9.0	1
OEZ:38601	PD-Q13-KHV1204	9.7	1
OEZ:38602	PD-Q13-KHV1205	10.5	1
OEZ:38603	PD-Q13-KHV1206	11.3	1
OEZ:38604	PD-Q13-KHV1208	13.0	1

12 - cabinet width [dm]
08 - cabinet depth [dm]

Rails for back mounting of components

OEZ:17617	PD-QK-45LB06	1.0	1
OEZ:17618	PD-QK-45LB08	1.5	1
OEZ:17619	PD-QK-45LB10	2.0	1
OEZ:17620	PD-Q03-45LB12	2.5	1
OEZ:17613	PD-QK-76LB06	1.5	1
OEZ:17614	PD-QK-76LB08	2.0	1
OEZ:17615	PD-QK-76LB10	2.5	1
OEZ:17616	PD-Q03-76LB12	3.0	1

76 - rail height [mm],
12 - width/cabinet depth [dm]

Rails for side/front mounting of components

OEZ:35809	PD-Q13-40LBC03	0.4	1
OEZ:35810	PD-Q13-40LBC04	0.6	1
OEZ:35811	PD-Q13-40LBC05	0.8	1
OEZ:35812	PD-Q13-40LBC06	1.0	1
OEZ:35813	PD-Q13-40LBC08	1.2	1
OEZ:35814	PD-Q13-40LBC10	1.4	1
OEZ:35803	PD-Q13-65LBC04	0.7	1
OEZ:35804	PD-Q13-65LBC05	0.9	1
OEZ:35805	PD-Q13-65LBC06	1.1	1
OEZ:35806	PD-Q13-65LBC08	1.3	1
OEZ:35807	PD-Q13-65LBC10	1.5	1
OEZ:35808	PD-Q13-65LBC12	1.7	1
OEZ:45508	PD-Q13-115LBC05	1.7	1
OEZ:45509	PD-Q13-115LBC06	2.1	1
OEZ:43554	PD-Q13-115LBC08	3.3	1
OEZ:45510	PD-Q13-115LBC10	2.9	1
OEZ:43555	PD-Q13-115LBC12	4.3	1

115 - rail height [mm],
12 - width/cabinet depth [dm]

Code	Type	Weight [kg]	Package [pcs]
Vertical rails			
OEZ:17632	PD-QK-100LV06	1.5	1
OEZ:17633	PD-QK-100LV10	2.4	1
OEZ:17634	PD-QK-100LV12	2.9	1
OEZ:17635	PD-QK-100LV14	3.4	1
OEZ:17636	PD-QK-100LV16	4.4	1
OEZ:21136	PD-QK-100LV17	4.8	1
OEZ:17637	PD-QK-100LV18	5.2	1
OEZ:20736	PD-QK-100LV19	6.0	1
OEZ:21137	PD-QK-100LV21	7.0	1
OEZ:17638	PD-QK-50LV10	1.7	1
OEZ:17639	PD-QK-50LV12	2.0	1
OEZ:17640	PD-QK-50LV16	2.7	1
OEZ:21138	PD-QK-50LV17	2.9	1
OEZ:17641	PD-QK-50LV18	3.0	1
OEZ:20737	PD-QK-50LV19	3.5	1
OEZ:20738	PD-QK-50LV21	4.0	1

50 - rail depth [mm], 21 - rail height [dm]

Code	Type	Weight [kg]	Package [pcs]
Vertical rail brackets			
OEZ:17642	PD-QK-1D	0.2	1
OEZ:35815	PD-QK-2D	0.2	1

1D for PD-QK-100LV...,
2D for PD-QK-50LV...

Front and back terminal rails

OEZ:19738	PD-QK-60LSP06	1.0	1
OEZ:19739	PD-QK-60LSP08	1.3	1
OEZ:19740	PD-QK-60LSP10	1.6	1
OEZ:19741	PD-QK-60LSZ06	1.0	1
OEZ:19742	PD-QK-60LSZ08	1.3	1
OEZ:19743	PD-QK-60LSZ10	1.6	1

60 - rail height [mm], 10 - cabinet width [dm]

Covers IP20 without cut-out for modular system

OEZ:35830	PD-Q13-KM01506	0.3	1
OEZ:35831	PD-Q13-KM01508	0.3	1
OEZ:35832	PD-Q13-KM01510	0.5	1
OEZ:35833	PD-Q13-KM01512	0.6	1
OEZ:35834	PD-Q13-KM02006	0.3	1
OEZ:35835	PD-Q13-KM02008	0.5	1
OEZ:35836	PD-Q13-KM02010	0.6	1
OEZ:35837	PD-Q13-KM02012	0.8	1
OEZ:35838	PD-Q13-KM03006	0.5	1
OEZ:35839	PD-Q13-KM03008	0.6	1
OEZ:35840	PD-Q13-KM03010	1.0	1
OEZ:35841	PD-Q13-KM03012	1.1	1
OEZ:35842	PD-Q13-KM04506	0.9	1
OEZ:35843	PD-Q13-KM04508	1.3	1
OEZ:35844	PD-Q13-KM04510	1.8	1
OEZ:35845	PD-Q13-KM04512	2.2	1

45 - cover height [cm], 12 - cabinet width [dm]

Covers IP20 with cut-out 45 mm for modular system

OEZ:35822	PD-Q13-KMV01506	0.2	1
OEZ:35823	PD-Q13-KMV01508	0.3	1
OEZ:35824	PD-Q13-KMV01510	0.3	1
OEZ:35825	PD-Q13-KMV01512	0.4	1
OEZ:35826	PD-Q13-KMV0206	0.3	1
OEZ:35827	PD-Q13-KMV0208	0.5	1
OEZ:35828	PD-Q13-KMV0210	0.6	1
OEZ:35829	PD-Q13-KMV0212	0.7	1

02 - cover height [dm], 12 - cabinet width [dm]

Code	Type	Weight [kg]	Package [pcs]
Device rails			
OEZ:17643	PD-QK-40LP06	0.6	1
OEZ:17644	PD-QK-60LP06	0.8	1
OEZ:17645	PD-QK-80LP06	1.0	1
OEZ:17646	PD-QK-100LP06	1.2	1
OEZ:17647	PD-QK-120LP06	1.4	1
OEZ:17648	PD-QK-150LP06	1.6	1
OEZ:17649	PD-QK-160LP06	1.8	1
OEZ:17650	PD-QK-200LP06	2.0	1
OEZ:17651	PD-QK-40LP08	0.8	1
OEZ:17652	PD-QK-60LP08	1.0	1
OEZ:17653	PD-QK-80LP08	1.2	1
OEZ:17654	PD-QK-100LP08	1.4	1
OEZ:17655	PD-QK-120LP08	1.6	1
OEZ:17656	PD-QK-150LP08	1.8	1
OEZ:17657	PD-QK-160LP08	2.0	1
OEZ:17658	PD-QK-200LP08	2.2	1

OEZ:17659	PD-QK-40LP10	1.0	1
OEZ:17660	PD-QK-60LP10	1.2	1
OEZ:17661	PD-QK-80LP10	1.4	1
OEZ:17662	PD-QK-100LP10	1.6	1
OEZ:17663	PD-QK-120LP10	1.8	1
OEZ:17664	PD-QK-150LP10	2.0	1
OEZ:17665	PD-QK-160LP10	2.2	1
OEZ:17666	PD-QK-200LP10	2.9	1
OEZ:20739	PD-QK-80LP12	1.6	1
OEZ:20740	PD-QK-100LP12	1.8	1
OEZ:20741	PD-QK-160LP12	2.4	1
OEZ:20742	PD-QK-200LP12	3.2	1

OEZ:17667	PD-QK-120LP10	1.8	1
OEZ:17668	PD-QK-150LP10	2.0	1
OEZ:17669	PD-QK-160LP10	2.2	1
OEZ:17670	PD-QK-200LP10	2.9	1
OEZ:20739	PD-QK-80LP12	1.6	1
OEZ:20740	PD-QK-100LP12	1.8	1
OEZ:20741	PD-QK-160LP12	2.4	1
OEZ:20742	PD-QK-200LP12	3.2	1

Code	Type	Weight [kg]	Package [pcs]
Sliding brackets of the device rail			
OEZ:20743	PD-QK-DP1	0.4	1

Code	Type	Weight [kg]	Package [pcs]
Sliding brackets of the device rail			
OEZ:35816	PD-Q13-M17	11.2	1
OEZ:35817	PD-Q13-M19	12.2	1
OEZ:35818	PD-Q13-M21	13.1	1
OEZ:35819	PD-Q13-M17A	7.2	1
OEZ:35820	PD-Q13-M19A	7.8	1
OEZ:35821	PD-Q13-M21A	8.4	1

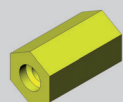
21 - rail height [mm],
A - for combination with Arion

Code	Type	Weight [kg]	Package [pcs]
Vertical outer covers for modular system			
OEZ:36004	PD-Q13-KMM17	1.2	1
OEZ:36005	PD-Q13-KMM19	1.3	1
OEZ:36006	PD-Q13-KMM21	1.4	1

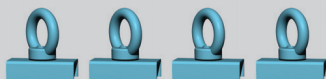
21 - rail height [mm]

Code	Type	Weight [kg]	Package [pcs]
Horizontal outer covers for modular system			
OEZ:35846	PD-Q13-KMK06	0.3	1
OEZ:35847	PD-Q13-KMK08	0.4	1
OEZ:35848	PD-Q13-KMK10	0.6	1
OEZ:35849	PD-Q13-KMK12	0.7	1

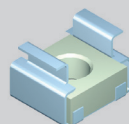
12 - cabinet width [dm]



PD-QK-D1M.1



PD-Q03-4Z012



PD-QK-M8



PD-QK-UVZ

ACCESSORIES OF CABINETS QA

Code	Type	Weight [kg]	Package [pcs]
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Spacers

OEZ:33786	PD-QK-D1M51	0.24	1
OEZ:33789	PD-QK-D1M61	0.28	1
OEZ:33791	PD-QK-D1M81	0.44	1
OEZ:33787	PD-QK-D1M52	0.26	1
OEZ:33790	PD-QK-D1M62	0.31	1
OEZ:33792	PD-QK-D1M82	0.47	1

1 - height 19 mm, 2 - height 22 mm

Locks

OEZ:20748	PD-QK-UVD	0.05	1
OEZ:20749	PD-QK-UVZ	0.04	1
OEZ:17454	PD-QK-UBD	0.05	1
OEZ:17455	PD-QK-UBB5	0.04	1

UVD - insert „D“, UVZ - locking insert
UBD - key „D“, UBB5 - key DB5

Door switch

OEZ:20751	PD-QK-SK11	0.10	1
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Door switch holder

OEZ:35853	PD-Q13-DSK	0.20	1
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Code	Type	Weight [kg]	Package [pcs]
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Cabinet joining kits

OEZ:19749	PD-Q03-SPC18	1.35	1
OEZ:19750	PD-Q03-SPC20	1.35	1
OEZ:19751	PD-Q03-SPC22	1.35	1
OEZ:35850	PD-Q13-SPC18K	0.28	1
OEZ:35851	PD-Q13-SPC20K	0.28	1
OEZ:35852	PD-Q13-SPC22K	0.28	1

22 - cabinet height [dm], K - cleat

Cage nuts

OEZ:17432	PD-QK-M6	0.01	1
OEZ:17433	PD-QK-M8	0.01	1
OEZ:17434	PD-QK-M10	0.01	1

M10 - thread

Light

OEZ:44377	PD-Q13-OSL	0.24	1
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Terminal blocks brackets

OEZ:19744	PD-QT-DSM	0.2	1
OEZ:19745	PD-QT-DSV	0.4	1

M - small 90 mm, V - big 160 mm

Code	Type	Weight [kg]	Package [pcs]
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Lifting lugs

OEZ:19780	PD-Q03-4Z012	1.21	1
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Door catch

OEZ:37166	PD-Q13-AD160	0.27	1
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Data pockets

OEZ:34377	PD-QK-DVA4PS	0.15	1
OEZ:35854	PD-QK-DVA06	0.15	1
OEZ:35855	PD-QK-DVA08	0.15	1

4PS - plastic self-sticking

DVA - screwed, 08 - cabinet width [dm]

Repair varnishes

OEZ:20407	PD-QK-ARAL7035	0.43	1
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Rails for cable holders Sonap and lights

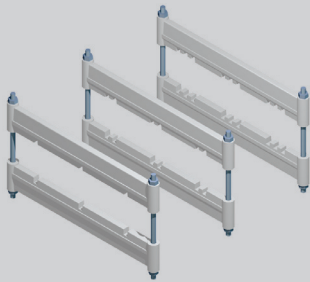
OEZ:20744	PD-QK-LKU06	0.7	1
OEZ:20745	PD-QK-LKU08	1.0	1
OEZ:20746	PD-QK-LKU10	1.3	1
OEZ:20747	PD-QK-LKU12	1.6	1

12 - cabinet width

Code	Type	Description	Weight [kg]	Package [pcs]
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Spare parts

OEZ:45484	ND-Q13-PD	hinge for QA, connection material, 1 pcs	0.15	1
OEZ:45485	ND-Q13-ZT	closing rods stop for QA, connection material, 1 pcs	0.02	1
OEZ:45486	ND-Q13-UMECH	closing mechanism for QA, connection material	0.10	1
OEZ:45487	ND-Q13-UVED	rod guide of closing for QA, set 2 plastic parts and nuts	0.10	1
OEZ:37848	ND-Q13-UK	for swivel handle for QA, 1 pcs	0.10	1
OEZ:38751	ND-Q13-UVDB5	double-bar 5 mm insert for swivel handle, for QA	0.08	1
OEZ:41368	ND-Q13-DZK	rear cover holder for QA, connection material, set 1 pcs	0.00	1
OEZ:34171	ND-Q13-DA1	mounting plate holder for QA, connection material, set 4 pcs	1.70	1
OEZ:39237	ND-Q11-KH0604	upper cover, IP55, for QA55(40)-..0604	0.50	1
OEZ:39248	ND-Q11-KH0605	upper cover, IP55, for QA55(40)-..0605	0.60	1
OEZ:41360	ND-Q11-KH0606	upper cover, IP55, for QA55(40)-..0606	0.70	1
OEZ:43053	ND-Q11-KH0804	upper cover, IP55, for QA55(40)-..0804	0.70	1
OEZ:39857	ND-Q11-KH0808	upper cover, IP55, for QA55(40)-..0808	0.60	1
OEZ:41507	ND-Q11-KH0806	upper cover, IP55, for QA55(40)-..0806	4.10	1
OEZ:41535	ND-Q11-KH1004	upper cover, IP55, for QA55(40)-..1004, set 2 pcs	3.20	1
OEZ:44571	ND-Q11-KH1005	upper cover, IP55, for QA55(40)-..1005, set 2 pcs	3.20	1
OEZ:43849	ND-Q11-KH1006	upper cover, IP55, for QA55(40)-..1006, set 2 pcs	2.50	1



PD-QK-DELTA310



PD-QK-DELTA305C



SST-60/49-5



A-SST-60/49-5



ZM10

BUSBAR SYSTEMS

Code	Type	Weight [kg]	Package [pcs]
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Busbar supports

OEZ:17445	PD-QK-DELTA110	1.5	1
OEZ:17446	PD-QK-DELTA210	1.5	1
OEZ:17447	PD-QK-DELTA310	1.4	1
OEZ:35856	PD-QK-DELTA110/10	15	10
OEZ:35857	PD-QK-DELTA210/10	14.5	10
OEZ:35858	PD-QK-DELTA310/10	14	10
OEZ:20752	PD-QK-DELTA110C	1.1	1
OEZ:20753	PD-QK-DELTA210C	1.1	1
OEZ:20754	PD-QK-DELTA305C	1.1	1

3 - number of busbars in phase,
05 - busbars thickness, C - compact (cabinet depth ≥ 400 mm), it is necessary to order mounting set to DELTA...C

Support insulators

OEZ:17440	PD-QK-PW40M8	0.1	1
OEZ:17441	PD-QK-PW40M10	0.1	1
OEZ:17442	PD-QK-PW40M12	0.1	1
OEZ:35859	PD-QK-PW40M8/100	12	1
OEZ:35860	PD-QK-PW40M10/100	12	1
OEZ:35861	PD-QK-PW40M12/100	12	1

40 - insulator height [mm], M12 - thread,
100 - package 100 pcs

Code	Type	Weight [kg]	Package [pcs]
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Bolts for busbar supports Delta

OEZ:20159	PD-QK-SV270	0.16	1
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Mounting set for DELTA...C

OEZ:20755	PD-QK-DS30	0.3	1
OEZ:20756	PD-QK-DS40	0.3	1
OEZ:20757	PD-QK-DS50	0.3	1
OEZ:20758	PD-QK-DS60	0.3	1
OEZ:20759	PD-QK-DS80	0.3	1
OEZ:20760	PD-QK-DS100	0.3	1
OEZ:20761	PD-QK-DS120	0.3	1

120 - busbar height [mm]

Support insulator brackets

OEZ:17437	PD-QK-DIVV1	0.3	1
OEZ:17438	PD-QK-DIVV2	0.3	1
OEZ:37172	PD-QK-DIVV3	0.3	1
OEZ:37173	PD-Q13-DIM3-185	0.9	1
OEZ:39581	PD-Q13-DIZ1	0.3	1

Recess - VV1 (30 mm), VV2 (20 mm),
VV3 (25 mm), M3-185 - for D100/185,
Z1 - for PE busbars

Code	Type	Weight [kg]	Package [pcs]
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Rails for fixing delta holders

OEZ:37167	PD-Q13-45LBD04	1.5	1
OEZ:37168	PD-Q13-45LBD05	2.0	1
OEZ:37169	PD-Q13-45LBD06	1.0	1
OEZ:37170	PD-Q13-45LBD08	1.5	1
OEZ:37171	PD-Q13-45LBD10	2.0	1
OEZ:45511	PD-Q13-65LBD04	0.7	1
OEZ:45512	PD-Q13-65LBD05	0.9	1
OEZ:45513	PD-Q13-65LBD06	1.1	1
OEZ:45514	PD-Q13-65LBD08	1.3	1
OEZ:45515	PD-Q13-65LBD10	1.5	1
OEZ:38558	PD-QK-MLBD	0.3	10

65 - rail height [mm], 10 - cabinet depth [dm], MLBD - locking washer for mounting of DELTA...C

Flexible connectors

OEZ:07447	PS-CU 40/10	1.5	1
OEZ:07448	PS-CU 50/10	2.0	1
OEZ:07449	PS-CU 60/10	2.6	1
OEZ:07444	PS-AL 40/10	0.5	1
OEZ:07445	PS-AL 50/10	0.6	1
OEZ:07446	PS-AL 60/10	0.7	1

60 - width of foot [mm],
10 - busbar thickness [mm]

Code	Type	Description	Weight [kg]	Package [pcs]
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Busbar supports and covers

OEZ:08722	D100/185	holder, busbar spacing 100 mm, 185 mm	0.48	1
OEZ:08699	KD-D100/185	front cover, for D100/185	0.05	1
OEZ:09030	SST-60/49-3	holder, busbar spacing 60 mm (3-pole design)	0.14	1
OEZ:09032	SST-60/49-5	holder, busbar spacing 60 mm (3-pole design + PE + N)	0.16	1
OEZ:09031	A-SST-60/49-3	side cover, for SST-60/49-3	0.03	1
OEZ:10405	A-SST-60/49-5	side cover, for SST-60/49-5	0.04	1
OEZ:00322	SAP	cover, length 1.2 m	0.82	1
OEZ:00331	C30/6	clip, size 30 x 5, 30 x 6 mm, for SAP	0.02	24
OEZ:00332	C30/10	clip, size 30 x 10 mm, for SAP	0.02	24
OEZ:00333	C40/10	clip, size 40 x 10 mm, for SAP	0.02	24
OEZ:00334	C50/10	clip, size 50 x 10 mm, for SAP	0.02	24
OEZ:00335	C50/12	clip, size 50 x 12 mm, for SAP	0.02	24
OEZ:00336	C60/10	clip, size 60 x 10 mm, for SAP	0.03	24
OEZ:07839	SEA	side cover for SAP	0.03	12

Pressing-in nut

OEZ:11870	ZM8	for making a thread in busbars - thread M8 for hole 10 mm - pressing height 1.9 mm	0.004	200
OEZ:35373	ZM8-V	for making a thread in busbars - thread M8 for hole 10 mm - pressing height 3.9 mm	0.005	200
OEZ:11233	ZM10	for making a thread in busbars - thread M10 for hole 12.5 mm - pressing height 1.9 mm	0.006	200
OEZ:35374	ZM10-V	for making a thread in busbars - thread M10 for hole 12.5 mm - pressing height 3.9 mm	0.08	200
OEZ:11234	ZM12-V	for making a thread in busbars - thread M12 for hole 15 mm - pressing height 3.9 mm	0.01	200

NOTES

A large grid of dots for taking notes, consisting of 20 columns and 40 rows of small black dots on a white background.

Automatic standby units.....G2

OTHER DEVICES

G





Use of automatic standby units in QA cabinets

Advantages of automatic standby unit

Automatic standby time from 3 s.

The display of the automatic standby unit informs the operator of the immediate state of circuit breakers, power supplies and actually performed action.

The automatic standby unit can be protected by a password against unauthorized setting.

DESCRIPTION

■ Application

The automatic standby unit is used to provide power supply without any long-term blackouts in various sectors of services, industry, etc.

■ Function

The automatic standby unit ensures automatic and, above all, safe control of switching of two power supplies to two loads so that the electric power is supplied without long failures.

The automatic standby unit is designed for collaboration with circuit breakers/switch-disconnectors Modeon or Arion WL, which ensure power switching. The power supplies can be switched over by a failure of one or more phases, undervoltage or overvoltage of the power supplies. The automatic standby unit can be equipped with the control (of switching on/off) of a backup power supply (generator).

■ Safety

The circuit breakers/switch-disconnectors are electrically interlocked by means of the automatic standby unit so that in no case both the power supplies can be switched on simultaneously.

■ Power supply

The automatic standby unit must be supplied either from controlled power supplies (or from a momentarily active one) or from an independent external power supply such as UPS or AKU. The function of the automatic standby unit depends in some cases on the power supply method.

■ Control and setting

Basic functions of the automatic standby unit are selected by a rotary switch, and additional settings (modes and reaction times) are set by means of the touch display.

STOP button (SB1) - it is possible to connect STOP button with arrest to the standby unit. If the button is pressed, circuit breakers switch off immediately, and it is not possible to switch them on while the button is pressed. After the „STOP“ button is released, it is necessary first to reset the automatic standby unit before further handling. The button is not part of the automatic standby unit. There is normally a jumper on the terminals for the stop button (terminals 30 and 31).

Inspection switch (SA2) - it is possible to connect so called inspection switch to the automatic standby unit to perform inspection. After changing over the switch it is possible to control both circuit breakers manually on their motor drives.

The automatic unit is disabled, and after switching off the mechanical interlocking it is possible to switch on the both circuit breakers simultaneously and thus it is necessary to pay attention to parallel operation of power supplies. For designs with metal sheet cover (N1), the inspection switch is part of the automatic unit. For the other designs, the switch is not part of the automatic standby unit.

■ Description

The devices on the front panel:

- a touch display informing the operator about immediate state of circuit breakers, power supplies and actually performed action furthermore, for setting the parameters for automatic control of the standby mode: example: reaction times, automatic standby mode or security password, which can protect the automatic unit against unauthorized resetting.
- rotary switch for setting of basic functions of the automatic standby unit.

In the automatic standby unit

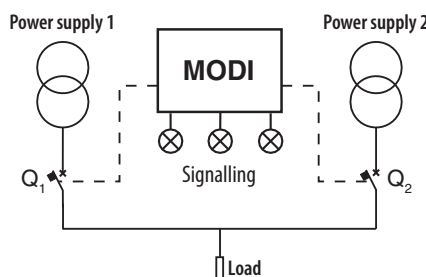
- the user can use undervoltage relays (if the automatic unit is equipped with them) to set the values of undervoltage or overvoltage (independently of each other), to be evaluated by the automatic standby unit as a power supply failure with taking an appropriate action.
- there is a screw terminal block for connection of individual conductors, which connect the automatic unit with circuit breakers/switch-disconnectors.

■ The arrangement of circuit breakers/switch-disconnectors and their connection to the automatic standby unit

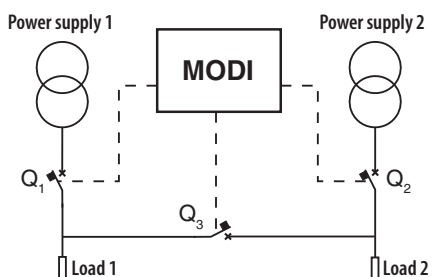
The arrangement of circuit breakers (a distance between them) is not limited in any way. If mechanical interlocking is used to increase safety in manual control, the distance between the circuit breakers/switch-disconnectors is given by the used mechanical interlocking.

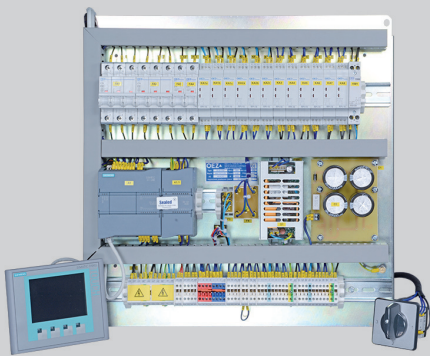
Basic block diagram of automatic standby units

for control of two power supplies



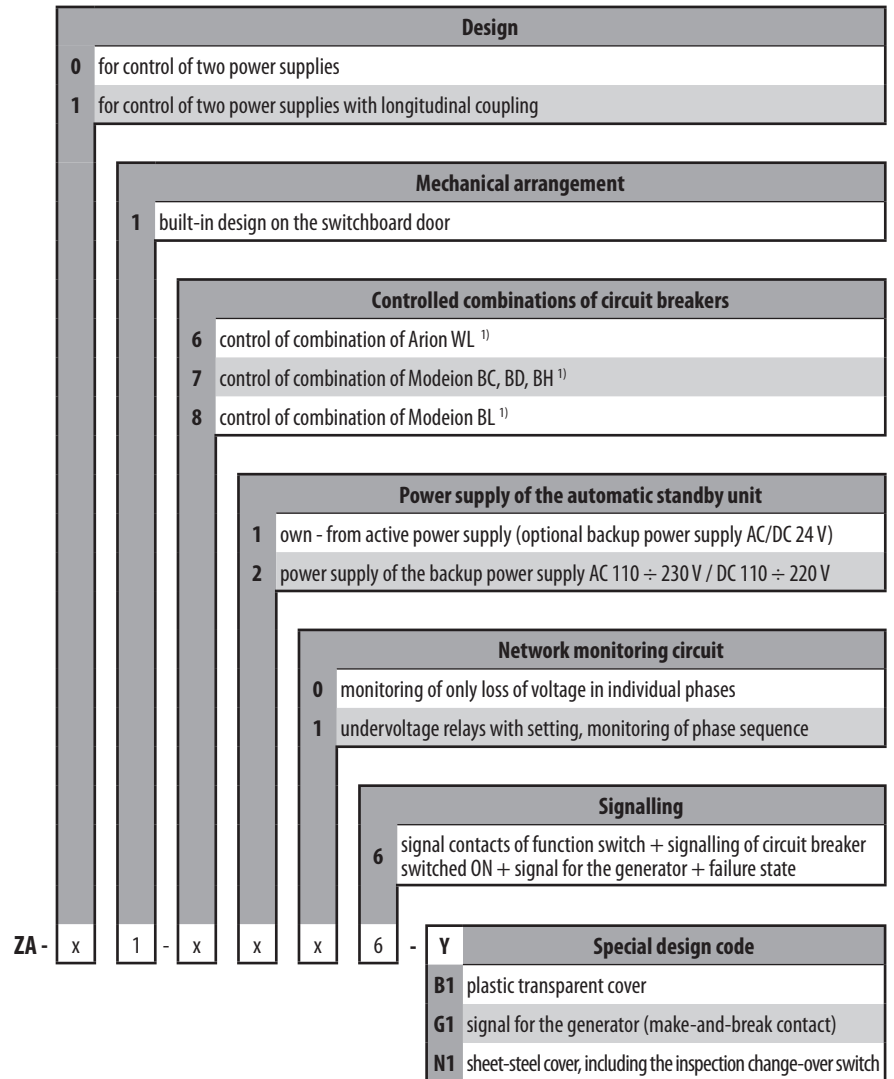
for control of two power supplies with longitudinal coupling





MODI ZA-01-7106

COMPOSITION OF TYPE DESIGNATION



Optionally it is possible to deliver an automatic standby unit communicating in English.

B1 - The automatic standby unit is fitted with a plastic transparent cover.

G1 - Signal for the generator start – make-and-break contact.

The automatic standby unit is fitted with a relay with a make-and-break contact. Terminals 32, 33, 34 are conducted to the terminal block.

Terminals 32 and 34 - make contact, 32 and 33 - break contact.

In the case of use of the G1 design, the H4 signalling is not connected.

N1 - Sheet-steel cover with an inspection change-over switch. Possibility of sealing of the terminal block for connection of the control circuits.

After an agreement with the manufacturer it is possible to deliver other modifications of the automatic standby unit as well.

¹⁾ Standardly the automatic standby unit is delivered for the control of these combinations of circuit breakers:

Controlled combinations of circuit breakers					
	BC160	BD250	BH630	BL...	Arion WL
BC160	●	●	●	–	–
BD250	●	●	●	–	–
BH630	●	●	●	–	–
BL...	–	–	–	●	–
Arion WL	–	–	–	–	●

- On order the automatic standby unit is delivered in other combinations of the circuit breakers/switch-disconnectors.

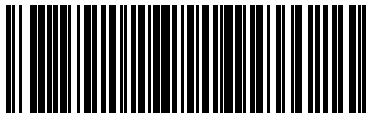
NOTES

A large grid of dots for taking notes, consisting of 20 columns and 40 rows of small black dots on a white background.

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