



Waterproof TCW060 – just light

TCW060

Designed for use in demanding environments, TCW060 is an economical, compact waterproof luminaire. Dedicated versions are available for TL-D and TL5 lamps. Ingress-protected to a level of IP65 and operating solely on electronic gear, this is a competitive energy-saving solution for wet spaces – at the same cost as an electromagnetic solution. A flexible ceiling clip facilitates easy installation and maintenance.

Benefits

- Economical, compact waterproof luminaire designed for use in demanding environments
- Operating solely on electronic gear, this is a competitive energy-saving solution for wet spaces at the same cost as a standard electromagnetic solution
- Dedicated versions available for TL5 and TL-D lamps

Features

- Dedicated versions for TL-D and TL5 lamps
- IP65
- Electronic gear
- Flexible ceiling clip

Application

- Wet environments
- Light industry
- Parking garages

PHILIPS

Specifications

• Type	TCW059 TCW060	• Connection	Screw connector
• Light source	Fluorescent: - 1 or 2 x MASTER TL5 / G5 / 14, 28, 35, 49 W - 1 or 2 x MASTER TL-D / G13 / 18, 36, 58 W	• Material	Housing: - TCW060: polycarbonate, grey - TCW059: ABS, grey Cover: polycarbonate, UV-resistant Ceiling clips: stainless steel Cover clips: polycarbonate, grey or stainless steel
• Lamp included	No	• Installation	Surface mounted Operating temperature: $-15^{\circ}\text{C} < T$
• Ballast	Electronic, High Frequency 220 - 240 V / 50 - 60 Hz	• Maintenance	Hingeable cover for easy lamp replacement
• Optical cover	Polycarbonate, prismatic (PCP)	• Main applications	Wet environments, light industries, parkings
• Option	Only for TCW60 version: - Emergency lighting (integrated): 1 hour (EL1), 3 hours (EL3)		

Related products



Waterproof TCW060 surface-mounted/
suspended luminaire for TL5 fluorescent
lamps

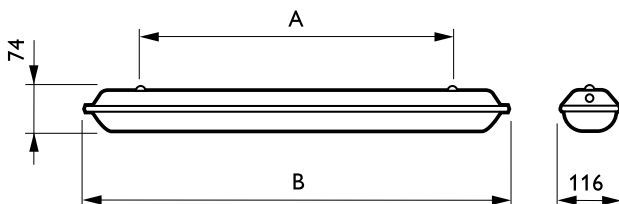


Waterproof TCW060 surface-mounted/
suspended luminaire for TL-D fluorescent
lamp



Waterproof TCW060 surface-mounted/
suspended luminaire for TL-D fluorescent
lamps

Dimensional drawing

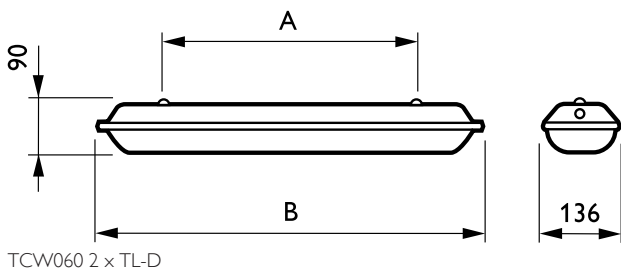


TCW060 2 x TL5

TCW060

Product	A	B
TCW060 2xTL5-35W HFP		
TCW060 2xTL5-35W HFD		
TCW060 2xTL5-35W HFR		
TCW060 2xTL5-35/49W HFPI		
TCW060 2xTL5-49W HFR		
TCW060 2xTL5-49W HFD		
TCW060 2xTL5-35W HF		
TCW060 2xTL5-28W HF		
TCW060 2xTL5-35/49W HFPI LOC-SS		

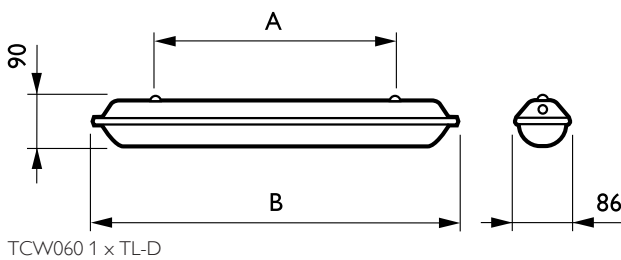
Dimensional drawing



TCW060 2xTL5-28/54W HFPI
TCW060 2xTL5-49W HFP
TCW060 2xTL5-28/54W HFPI LOC-SS
TCW060 2xTL5-28W HFP EL1
TCW060 2xTL5-28W HFP
TCW060 2xTL5-35W HFP EL3
TCW060 2xTL5-28W HFP EL3
TCW060 2xTL5-28W HFR
TCW060 2xTL5-28W HFP LOC-SS
TCW060 2xTL5-28W HFD
TCW060 2xTL5-49W HFP EL3
TCW060 2xTL5-49W HF
TCW060 2xTL5-49W HFP EL1
TCW060 2xTL5-35W HFP EL1

TCW060

Product	A	B
TCW060 2xTL-D36W HF		
TCW060 2xTL-D58W HFD		
TCW060 2xTL-D58W HFP EL3		
TCW060 2xTL-D58W HFP		
TCW060 2xTL-D58W HFR		
TCW060 2xTL-D36W HFP EL1		
TCW060 2xTL-D36W HFP		
TCW060 2xTL-D36W HFD		
TCW060 2xTL-D58W HF		
TCW060 2xTL-D58W EB		
TCW060 2xTL-D18W HF		
TCW060 2xTL-D36W HF FR		
TCW060 2xTL-D58W HFP EL1		
TCW060 2xTL-D18W HFP		
TCW060 2xTL-D36W HFR		
TCW060 2xTL-D36W EB		
TCW060 2xTL-D36W HFP EL3		
TCW060 2xTL-D18W EB		
TCW060 2xTL-D58W HFS LOC-SS		
TCW060 2xTL-D58W HF FR		



TCW060

Product	A	B
TCW060 1xTL-D58W HFD		
TCW060 1xTL-D36W HF		
TCW060 1xTL-D18W HF		
TCW060 1xTL-D58W EB		
TCW060 1xTL-D58W HFR		
TCW060 1xTL-D36W HFD		
TCW060 1xTL-D58W HF		
TCW060 1xTL-D36W HF FR		
TCW060 1xTL-D36W EB		

Dimensional drawing

TCW060 1xTL-D58W HFP EL1

TCW060 1xTL-D18W EB

TCW060 1xTL-D36W HFP EL1

TCW060 1xTL-D58W HF FR

TCW060 1xTL-D36W HFP

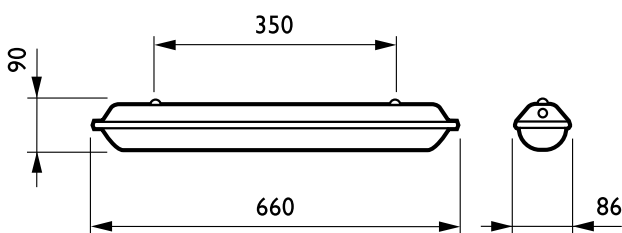
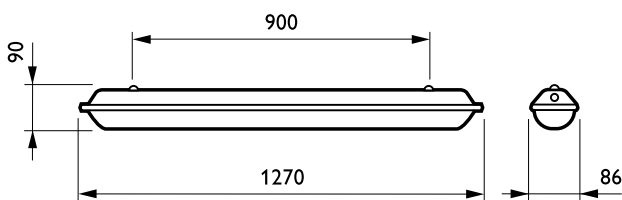
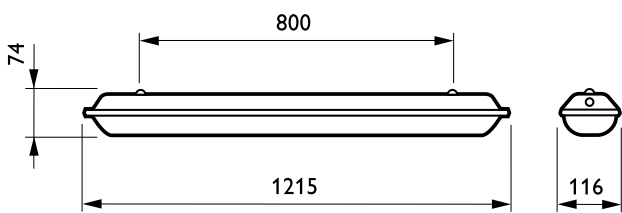
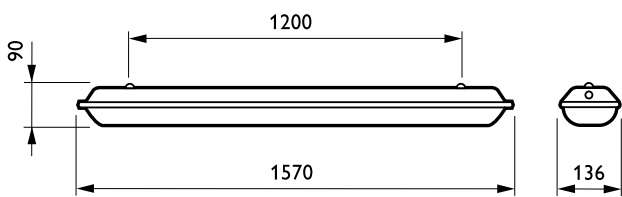
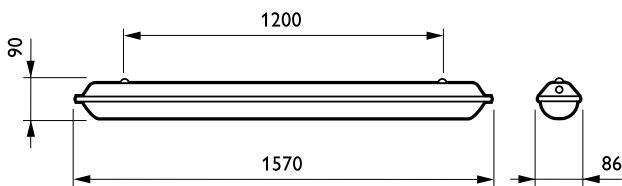
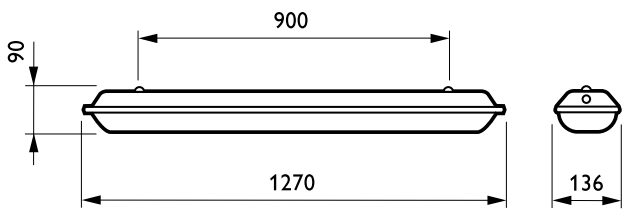
TCW060 1xTL-D58W HFP EL3

TCW060 1xTL-D36W HFR

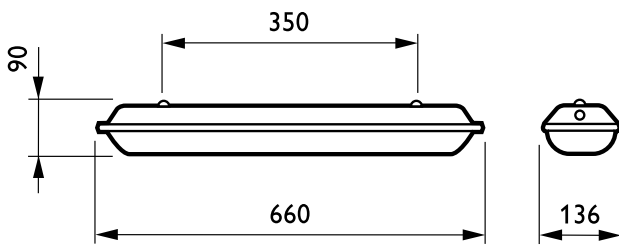
TCW060 1xTL-D18W HFP

TCW060 1xTL-D58W HFP

TCW060 1xTL-D36W HFP EL3



Dimensional drawing



General Information (1/2)

order code	CE mark	Country version	Optical cover/lens type	Emergency lighting	Gear	Glow-wire test	Kombipack	Lamp family code	Lamp power	Mechanical accessories
910402494412	CE mark	-	PCP	No	HFPi	650/5	-	TL5	28 or 54	-
910402494812	CE mark	-	PCP	No	HFPi	650/5	-	TL5	28 or 54	LOC-SS
910402495012	CE mark	-	PCP	No	HFPi	650/5	-	TL5	35 or 49	LOC-SS
910402498212	CE mark	-	PCP	EL3	HFP	650/5	-	TL5	28	-
910402499412	CE mark	-	PCP	No	HFP	650/5	-	TL5	28	-
910402499512	CE mark	-	PCP	No	HFP	650/5	-	TL5	35	-
910402499612	CE mark	-	PCP	No	HFP	650/5	-	TL5	49	-
910503611318	CE mark	-	PCP	No	HF	650/5	-	TL5	28	-
910503611518	CE mark	-	PCP	No	HF	650/5	-	TL5	35	-
910503667618	CE mark	-	PCP	No	HF	650/5	-	TL5	49	-
910925300912	CE mark	-	PCP	No	HFR	650/5	-	TL5	28	-
910925301012	CE mark	-	PCP	No	HFR	650/5	-	TL5	35	-
910925301112	CE mark	-	PCP	No	HFR	650/5	-	TL5	49	-
910925301412	CE mark	-	PCP	No	HFD	650/5	-	TL5	28	-
910925301512	CE mark	-	PCP	No	HFD	650/5	-	TL5	35	-
910925301612	CE mark	-	PCP	No	HFD	650/5	-	TL5	49	-
910925302812	CE mark	-	PCP	EL1	HFP	650/5	-	TL5	28	-
910925302912	CE mark	-	PCP	EL1	HFP	650/5	-	TL5	35	-
910925303012	CE mark	-	PCP	EL1	HFP	650/5	-	TL5	49	-
910925334312	CE mark	-	PCP	EL3	HFP	650/5	-	TL5	49	-
910402494712	CE mark	-	PCP	No	HFPi	650/5	-	TL5	28 or 54	LOC-SS
910402494912	CE mark	-	PCP	No	HFPi	650/5	-	TL5	35, 49 or 80	LOC-SS
910402497812	CE mark	-	PCP	EL3	HFP	650/5	-	TL5	35	-
910402498812	CE mark	-	PCP	No	HFP	650/5	-	TL5	28	-
910402498912	CE mark	-	PCP	No	HFP	650/5	-	TL5	35	-
910402499012	CE mark	-	PCP	No	HFP	650/5	-	TL5	49	-
910402499912	CE mark	-	PCP	No	HFR	650/5	-	TL5	28	-
910503611218	CE mark	-	PCP	No	HF	650/5	-	TL5	28	-
910503611418	CE mark	-	PCP	No	HF	650/5	-	TL5	35	-
910503667518	CE mark	-	PCP	No	HF	650/5	-	TL5	49	-
910925300012	CE mark	-	PCP	No	HFR	650/5	-	TL5	35	-
910925300112	CE mark	-	PCP	No	HFR	650/5	-	TL5	49	-
910925300412	CE mark	-	PCP	No	HFD	650/5	-	TL5	28	-
910925300512	CE mark	-	PCP	No	HFD	650/5	-	TL5	35	-
910925300612	CE mark	-	PCP	No	HFD	650/5	-	TL5	49	-
910925302312	CE mark	-	PCP	EL1	HFP	650/5	-	TL5	28	-
910925302412	CE mark	-	PCP	EL1	HFP	650/5	-	TL5	35	-

order code	CE mark	Country version	Optical cover/lens type	Emergency lighting	Gear	Glow-wire test	Kombipack	Lamp family code	Lamp power	Mechanical accessories
910925302512	CE mark	-	PCP	EL1	HFP	650/5	-	TL5	49	-
910402497512	CE mark	-	PCP	EL3	HFP	650/5	-	TL-D	36	-
910402497612	CE mark	-	PCP	EL3	HFP	650/5	-	TL-D	58	-
910402498512	CE mark	-	PCP	No	HFP	650/5	-	TL-D	18	-
910402498612	CE mark	-	PCP	No	HFP	650/5	-	TL-D	36	-
910402498712	CE mark	-	PCP	No	HFP	650/5	-	TL-D	58	-
910402499712	CE mark	-	PCP	No	HFR	650/5	-	TL-D	36	-
910402499812	CE mark	-	PCP	No	HFR	650/5	-	TL-D	58	-
910503610618	CE mark	-	PCP	No	HF	650/5	-	TL-D	18	-
910503610818	CE mark	-	PCP	No	HF	650/5	-	TL-D	36	-
910503611018	CE mark	-	PCP	No	HF	650/5	-	TL-D	58	-
910503679218	CE mark	France	PCP	No	HFS	650/5	-	TL-D	36	-
910503679318	CE mark	France	PCP	No	HFP	650/5	-	TL-D	58	-
910503695918	CE mark	-	PCP	No	EB	650/5	-	TL-D	18	-
910503696118	CE mark	-	PCP	No	EB	650/5	-	TL-D	36	-
910503696318	CE mark	-	PCP	No	EB	650/5	-	TL-D	58	-
910925300212	CE mark	-	PCP	No	HFD	650/5	-	TL-D	36	-
910925300312	CE mark	-	PCP	No	HFD	650/5	-	TL-D	58	-
910925302112	CE mark	-	PCP	EL1	HFP	650/5	-	TL-D	36	-
910925302212	CE mark	-	PCP	EL1	HFP	650/5	-	TL-D	58	-
910402498012	CE mark	-	PCP	EL3	HFP	650/5	-	TL-D	36	-
910402498112	CE mark	-	PCP	EL3	HFP	650/5	-	TL-D	58	-
910402499112	CE mark	-	PCP	No	HFP	650/5	-	TL-D	18	-
910402499212	CE mark	-	PCP	No	HFP	650/5	-	TL-D	36	-
910402499312	CE mark	-	PCP	No	HFP	650/5	-	TL-D	58	-
910503610718	CE mark	-	PCP	No	HF	650/5	-	TL-D	18	-
910503610918	CE mark	-	PCP	No	HF	650/5	-	TL-D	36	-
910503611118	CE mark	-	PCP	No	HF	650/5	-	TL-D	58	-
910503679418	CE mark	France	PCP	No	HFP	650/5	-	TL-D	36	-
910503679518	CE mark	France	PCP	No	HF	650/5	-	TL-D	58	-
910503696018	CE mark	-	PCP	No	EB	650/5	-	TL-D	18	-
910503696218	CE mark	-	PCP	No	EB	650/5	-	TL-D	36	-
910503696418	CE mark	-	PCP	No	EB	650/5	-	TL-D	58	-
910504422818	CE mark	-	PCP	No	HFS	650/5	-	TL-D	58	LOC-SS
910925300712	CE mark	-	PCP	No	HFR	650/5	-	TL-D	36	-
910925300812	CE mark	-	PCP	No	HFR	650/5	-	TL-D	58	-
910925301312	CE mark	-	PCP	No	HFD	650/5	-	TL-D	58	-
910925302612	CE mark	-	PCP	EL1	HFP	650/5	-	TL-D	36	-
910925302712	CE mark	-	PCP	EL1	HFP	650/5	-	TL-D	58	-

General Information (2/2)

order code	Number of light sources	Product Family Code
910402494412	2	TCW060
910402494812	2	TCW060
910402495012	2	TCW060
910402498212	2	TCW060

order code	Number of light sources	Product Family Code
910402499412	2	TCW060
910402499512	2	TCW060
910402499612	2	TCW060
910503611318	2	TCW060

order code	Number of light sources	Product Family Code
910503611518	2	TCW060
910503667618	2	TCW060
910925300912	2	TCW060
910925301012	2	TCW060
910925301112	2	TCW060
910925301412	2	TCW060
910925301512	2	TCW060
910925301612	2	TCW060
910925302812	2	TCW060
910925302912	2	TCW060
910925303012	2	TCW060
910925334312	2	TCW060
910402494712	1	TCW060
910402494912	1	TCW060
910402497812	1	TCW060
910402498812	1	TCW060
910402498912	1	TCW060
910402499012	1	TCW060
910402499912	1	TCW060
910503611218	1	TCW060
910503611418	1	TCW060
910503667518	1	TCW060
910925300012	1	TCW060
910925300112	1	TCW060
910925300412	1	TCW060
910925300512	1	TCW060
910925300612	1	TCW060
910925302312	1	TCW060
910925302412	1	TCW060
910925302512	1	TCW060
910402497512	1	TCW060
910402497612	1	TCW060
910402498512	1	TCW060
910402498612	1	TCW060
910402498712	1	TCW060
910402499712	1	TCW060
910402499812	1	TCW060
910503610618	1	TCW060
910503610818	1	TCW060
910503611018	1	TCW060
910503679218	1	TCW060
910503679318	1	TCW060
910503695918	1	TCW060
910503696118	1	TCW060
910503696318	1	TCW060
910925300212	1	TCW060
910925300312	1	TCW060
910925302112	1	TCW060
910925302212	1	TCW060

order code	Number of light sources	Product Family Code
910402498012	2	TCW060
910402498112	2	TCW060
910402499112	2	TCW060
910402499212	2	TCW060
910402499312	2	TCW060
910503610718	2	TCW060
910503610918	2	TCW060
910503611118	2	TCW060
910503679418	2	TCW060
910503679518	2	TCW060
910503696018	2	TCW060
910503696218	2	TCW060
910503696418	2	TCW060
910504422818	2	TCW060
910925300712	2	TCW060
910925300812	2	TCW060
910925301312	2	TCW060
910925302612	2	TCW060
910925302712	2	TCW060

Operating and Electrical

order code	Input Voltage
910402494412	220 to 240
910402494812	220 to 240
910402495012	220 to 240
910402498212	220 to 240
910402499412	220 to 240
910402499512	220 to 240
910402499612	220 to 240
910503611318	220 to 240
910503611518	220 to 240
910503667618	220 to 240
910925300912	220 to 240
910925301012	220 to 240
910925301112	220 to 240
910925301412	220 to 240
910925301512	220 to 240
910925301612	220 to 240
910925302812	220 to 240
910925302912	220 to 240
910925303012	220 to 240
910925334312	220 to 240
910402494712	220 to 240
910402494912	220 to 240
910402497812	220 to 240
910402498812	220 to 240
910402498912	220 to 240
910402499012	220 to 240

order code	Input Voltage
910402499912	220 to 240
910503611218	220 to 240
910503611418	220 to 240
910503667518	220 to 240
910925300012	220 to 240
910925300112	220 to 240
910925300412	220 to 240
910925300512	220 to 240
910925300612	220 to 240
910925302312	220 to 240
910925302412	220 to 240
910925302512	220 to 240
910402497512	220 to 240
910402497612	220 to 240
910402498512	220 to 240
910402498612	220 to 240
910402498712	220 to 240
910402499712	220 to 240
910402499812	220 to 240
910503610618	220 to 240
910503610818	220 to 240
910503611018	220 to 240
910503679218	220 to 240
910503679318	220 to 240
910503695918	220 to 240
910503696118	220 to 240
910503696318	220 to 240
910925300212	220 to 240
910925300312	220 to 240
910925302112	220 to 240
910925302212	220 to 240
910402498012	220 to 240
910402498112	220 to 240
910402499112	220 to 240
910402499212	220 to 240
910402499312	220 to 240
910503610718	230 to 240
910503610918	220 to 240
910503611118	220 to 240
910503679418	220 to 240
910503679518	220 to 240
910503696018	220 to 240
910503696218	220 to 240
910503696418	220 to 240
910504422818	220 to 240
910925300712	220 to 240
910925300812	220 to 240
910925301312	220 to 240

order code	Input Voltage
910925302612	220 to 240
910925302712	220 to 240

Mechanical and Housing

order code	Color
910402494412	Gray
910402494812	Gray
910402495012	Gray
910402498212	Gray
910402499412	Gray
910402499512	Gray
910402499612	Gray
910503611318	Gray
910503611518	Gray
910503667618	Gray
910925300912	Gray
910925301012	Gray
910925301112	Gray
910925301412	Gray
910925301512	Gray
910925301612	Gray
910925302812	Gray
910925302912	Gray
910925303012	Gray
910925334312	Gray
910402494712	Gray
910402494912	Gray
910402497812	Gray
910402498812	Gray
910402498912	Gray
910402499012	Gray
910402499912	Gray
910503611218	Gray
910503611418	Gray
910503667518	Gray
910925300012	Gray
910925300112	Gray
910925300412	Gray
910925300512	Gray
910925300612	Gray
910925302312	Gray
910925302412	Gray
910925302512	Gray
910402497512	Gray
910402497612	Gray
910402498512	Gray
910402498612	Gray
910402498712	Gray

order code	Color
910402499712	Gray
910402499812	Gray
910503610618	Gray
910503610818	Gray
910503611018	Gray
910503679218	Gray
910503679318	Gray
910503695918	Gray
910503696118	Gray
910503696318	Gray
910925300212	Gray
910925300312	Gray
910925302112	Gray
910925302212	Gray
910402498012	Gray
910402498112	Gray
910402499112	Gray
910402499212	Gray
910402499312	Gray
910503610718	Gray
910503610918	Gray
910503611118	Gray
910503679418	Gray
910503679518	Gray
910503696018	Gray
910503696218	Gray
910503696418	Gray
910504422818	Gray
910925300712	Gray
910925300812	Gray
910925301312	Gray
910925302612	Gray
910925302712	Gray

Approval and Application

order code	Mech. impact protection code	Ingress protection code
910402494412	IK08	IP65
910402494812	IK08	IP65
910402495012	IK08	IP65
910402498212	IK08	IP65
910402499412	IK08	IP65
910402499512	IK08	IP65
910402499612	IK08	IP65
910503611318	IK08	IP65
910503611518	IK08	IP65
910503667618	IK08	IP65
910925300912	IK08	IP65

order code	Mech. impact protection code	Ingress protection code
910925301012	IK08	IP65
910925301112	IK08	IP65
910925301412	IK08	IP65
910925301512	IK08	IP65
910925301612	IK08	IP65
910925302812	IK08	IP65
910925302912	IK08	IP65
910925303012	IK08	IP65
910925334312	IK08	IP65
910402494712	IK08	IP65
910402494912	IK08	IP65
910402497812	IK08	IP65
910402498812	IK08	IP65
910402498912	IK08	IP65
910402499012	IK08	IP65
910402499912	IK08	IP65
910503611218	IK08	IP65
910503611418	IK08	IP65
910503667518	IK08	IP65
910925300012	IK08	IP65
910925300112	IK08	IP65
910925300412	IK08	IP65
910925300512	IK08	IP65
910925300612	IK08	IP65
910925302312	IK08	IP65
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910503610618	IK08	IP65
910503610818	IK08	IP65
910503611018	IK08	IP65
910503679218	IK08	IP65
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910925300312	IK08	IP65
910925302112	IK08	IP65
910925302212	IK08	IP65
910402498012	IK08	IP65
910402498112	IK08	IP65

order code	Mech. impact protection code	Ingress protection code
910402499112	IK08	IP65
910402499212	IK08	IP65
910402499312	IK08	IP65
910503610718	IK08	IP65
910503610918	IK08	IP65
910503611118	IK08	IP65
910503679418	IK08	IP65
910503679518	IK08	IP65
910503696018	IK08	IP65

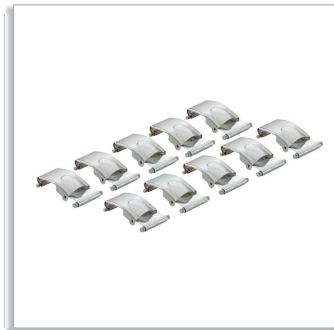
order code	Mech. impact protection code	Ingress protection code
910503696218	IK08	IP65
910503696418	IK08	IP65
910504422818	IK08	IP65
910925300712	IK08	IP65
910925300812	IK08	IP65
910925301312	IK08	IP65
910925302612	IK08	IP65
910925302712	IK08	IP65

Accessories



ZCW060 TL-D LOC-SS (10PCS)

Stainless-steel clips for the TCW060/059 TL-D versions.



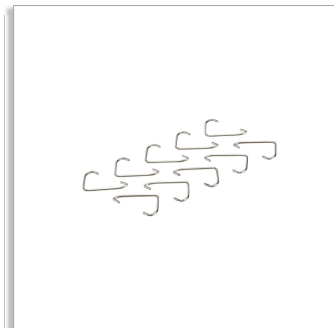
ZCW060 TL5 LOC-SS (10PCS)

Stainless-steel locking clips for the TCW060 TL5 versions



ZCW060 PG13 (10 PCS)

Cable gland, Ø 13 mm



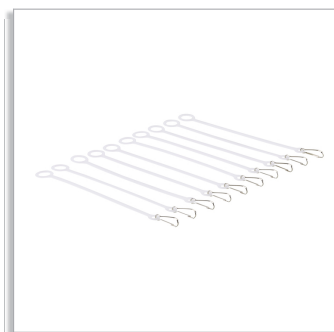
ZCW060 HS (10 PCS)

Suspension hook



ZCW060 TL-D LOC-PL (10 PCS)

Plastic locking clips for the TCW060 TL-D versions



ZCW060 SC (10 PCS)

Suspension chain

Accessories

order code	Description	
910930025518	ZCW060 TL-D LOC-SS (10PCS)	Locking clip stainless-steel
910930025618	ZCW060 TL5 LOC-SS (10PCS)	Locking clip stainless-steel
910930029218	ZCW060 PG13 (10 PCS)	Cable gland diameter 13 mm

order code	Description	
910930029318	ZCW060 HS (10 PCS)	Suspension hook

order code	Description	
910930029418	ZCW060 TL-D LOC-PL (10 PCS)	Locking clip plastic
910930029618	ZCW060 SC (10 PCS)	Suspension chainsafety cable



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