

 KONTAKT simon

**PRODUCT CATALOGUE
2015/2016**

KONTAKT simon

**OVER 90 YEARS
OF TRADITION**

1921

World:
EUROPE'S FIRST MOTORWAY OPENED.

Czechowice-Dziedzice:
ESTABLISHMENT OF ELECTRIC COMPANY
"CZECHOWICE".

1931

World:
AL CAPONE SENTENCED TO PRISON
FOR TAX FRAUD.

Czechowice-Dziedzice:
MODERN MEASUREMENT LABORATORY
OPENED IN CZECHOWICE.

1951

World:
LOUNCH OF THE FIRST COMMERCIAL
COMPUTER UNIVAC I.

Czechowice-Dziedzice:
EMPLOYMENT REACHED 1200 PEOPLE.

1961

World:
YURI GAGARIN WAS THE FIRST MAN IN SPACE.

Czechowice-Dziedzice:
INTRODUCTION OF 43 NEW ITEMS INCLUDING
REGULATORS, SEWING MACHINES, TORCHES.

1941

World:
FIRST PROGRAMMABLE COMPUTER Z3
PRESENTED.

Czechowice-Dziedzice:
PRODUCTION OF CIRCUIT BREAKERS,
EMPLOYMENT REACHED 750 PEOPLE.

1971

World:
OPENING OF ASWAN DAM.

Czechowice-Dziedzice:
KONTAKT PRODUCED EUROPE'S FIRST
INFRARED LIGHT SWITCH.

1981

World:
DELOREAN MOTOR COMPANY STARTED
PRODUCTION OF DELOREAN DMC-12.

Czechowice-Dziedzice:
MASSIVE SCALE PRODUCTION OF EXTENSION
LEADS AND CHANDELIERS.

1991

World:
INTRODUCTION ON LINUX OPERATING SYSTEM.

Czechowice-Dziedzice:
PRODUCTION OF FIRST MODULAR SERIES
"KONTAKT 2000".

2001

World:
IPOD WORLD PREMIERE.

Czechowice-Dziedzice:
SPANISH SIMON HOLDING AND ITALIAN
URMET DOMUS BECAME A SHARE HOLDERS
OF KONTAKT-SIMON S.A.

2012

World:
UEFA EURO 2012 TOOK PLACE IN POLAND
AND UKRAINE.

Czechowice-Dziedzice:
SIMON LIGHTING LUMINAIRE
NATH WITH INTERCHANGEABLE LED
MODULES WON THE PRESTIGIOUS AWARD
AT WARSAW FAIR "LIGHT".

2013

World:
HISTORIC MEETING OF TWO POPES TOOK
PLACE IN CASTEL GANDOLFO.

Czechowice-Dziedzice:
SIMON 54 NATURE SWOWN FOR A FIRST TIME
DURING ENERGETAB TRADE FAIR.

2015

World:
YEAR 2015 HAS BEEN ANNOUNCED
BY UN AND UNESCO AN INTERNATIONAL
YEAR OF LIGHT AND LIGHT TECHNOLOGIES.

Czechowice-Dziedzice:
KONTAKT-SIMON STARTED IN POLAND
A SERIES OF CONFERENCES "ARCHITECTURE –
INSPIRED BY LIGHT" WITH THE PARTICIPATION
OF INTERNATIONAL EXPERTS.

KONTAKT simon

STRUCTURE

KONTAKT simon

Czechowice-Dziedzice, Poland
KONTAKT-SIMON IS A LEADING POLISH MANUFACTURER OF ELECTRICAL EQUIPMENT, WHOSE HISTORY DATES BACK TO 1921. TODAY, KONTAKT-SIMON IS A PART OF TWO EUROPEAN LEADING INDUSTRIAL GROUPS: ITALIAN URMET DOMUS AND SPANISH SIMON HOLDING. THANKS TO IT KONTAKT-SIMON HAS ACCESS TO THE WORLD TECHNOLOGY, RECOGNIZED DESIGNERS AND PRODUCTS THAT ALLOW TO CREATE COMPREHENSIVE ELECTRICAL SOLUTIONS AND LIGHTING FOR APARTMENTS, HOUSES, OFFICE BUILDINGS AND PUBLIC SPACE. OUR EQUIPMENT IS NOT ONLY ESTHETIC, SAFE, ENVIRONMENTALLY FRIENDLY, BUT ALSO ONE THAT KEEP PACE WITH THE RAPIDLY DEVELOPING TECHNOLOGY.



simon
H O L D I N G

Barcelona, Spain
SIMON HOLDING IS AN INDUSTRIAL GROUP MADE UP OF 25 COMPANIES THROUGHOUT THE WORLD, WITH ITS HEADQUARTERS IN BARCELONA, IN THE BUSINESS OF PRODUCING AND MARKETING LOW-VOLTAGE ELECTRICAL MATERIALS, ELECTRONICS, INDOOR LIGHTING BASED ON LED TECHNOLOGY, INDUSTRIAL AND URBAN LIGHTING, VOICE AND DATA TRANSMISSION SYSTEMS, DOMOTICS, SECURITY, ACCESS CONTROL AND MANAGEMENT, TRUNKING AND URBAN FURNITURE.

urmet

Turin, Italy
URMET DOMUS S.P.A. IS THE ITALIAN LEADER IN THE RESIDENTIAL COMMUNICATION SYSTEMS, AUTOMATION AND BUILDING SECURITY SECTOR. AREAS OF SPECIALIZATION ARE DOOR PHONE SYSTEMS, VIDEO DOOR PHONE SYSTEMS, SECURITY SYSTEMS, BURGLAR ALARMS, INTEGRATED DIGITAL TECHNOLOGY FUNCTIONS AND INTEGRATED DOORTELEPHONE SYSTEMS.

KONTAKT simon

ELECTRO-INSTALLATION EQUIPMENT

- 008 SIMON 54
- 050 SIMON BASIC
- 090 SIMON CLASSIC
- 128 SIMON 15
- 148 SIMON 27 PLAY
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Simon 54

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Simon Basic

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KONTAKT simon
ELECTRO-INSTALLATION
EQUIPMENT

Simon 27
play

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Simon Akord

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Simon Aquarius

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TECHNICAL INFORMATION

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FRAMES **Simon54**
Premium



MODULES **Simon54**

FRAMES **Simon54**
NATURE

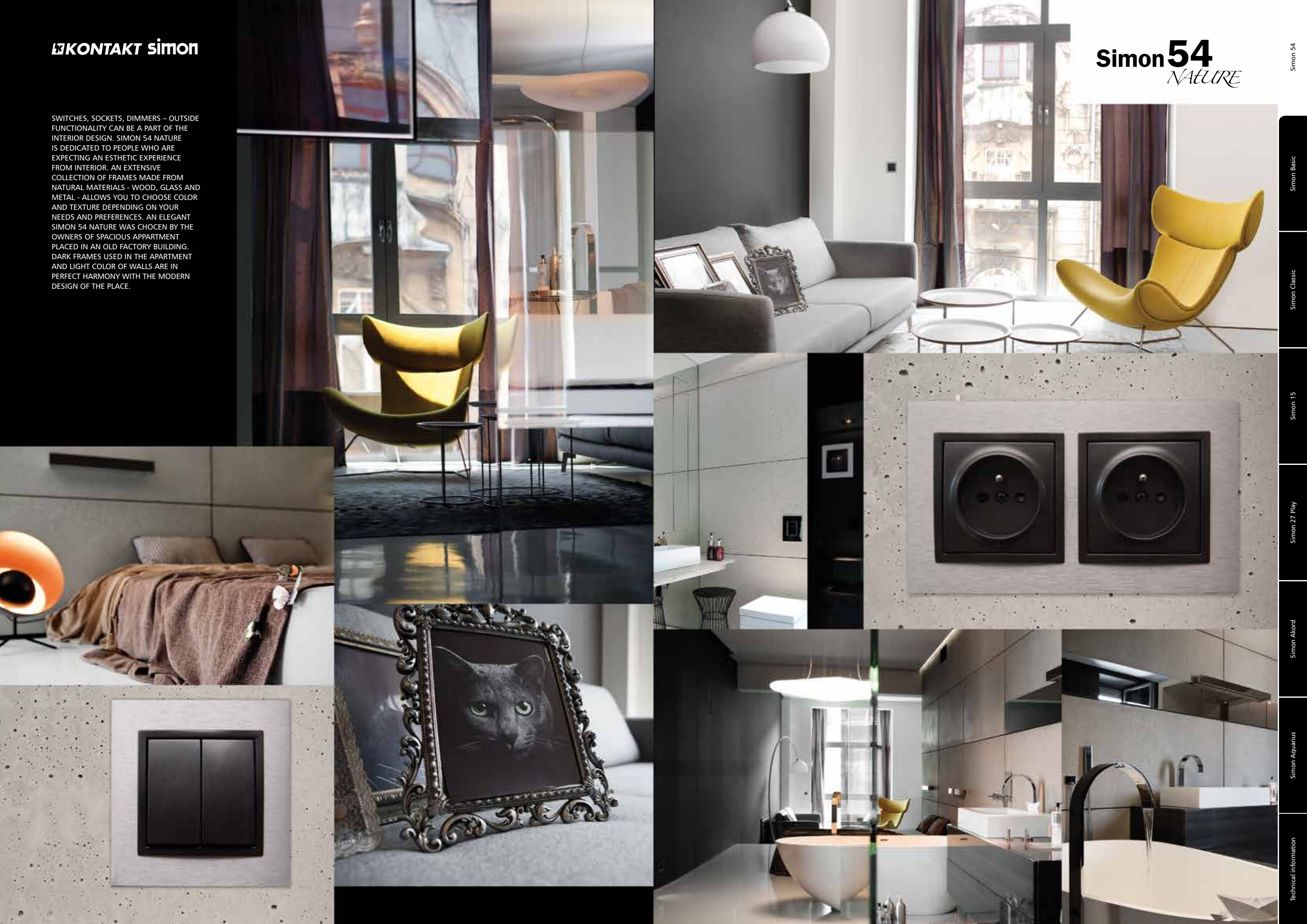


- 18 IP20/IP44 SWITCHES AND PUSH-BUTTONS (MODULES)
- 22 SOCKETS (MODULES)
- 26 AERIAL, LOUDSPEAKER AND HDMI SOCKETS (MODULES)
- 29 IT / TELEPHONE SOCKETS (MODULES)
- 31 IT / TELEPHONE SOCKETS INSERTS
- 33 OTHER PRODUCTS
- 35 ELECTRONIC PRODUCTS (MODULES)
- 38 ELECTRONIC PRODUCTS WITH FRAME ADAPTOR (MODULES)
- 42 SIMON 54 PREMIUM FRAMES
- 45 SIMON 54 NATURE FRAMES
- 48 IP44 FRAME SEALS FOR SIMON 54 PREMIUM AND SIMON 54 NATURE
- 49 ACCESSORIES

SIMON 54 PREMIUM SERIES COMBINED ORIGINAL DESIGN WITH EXTENSIVE FUNCTIONALITY. THIS MODERN LINE, IN ADDITION TO BASIC PRODUCTS, PROPOSES A NUMBER OF ADDITIONAL DEVICES, SUCH AS FLOODING AND GAS SENSORS, RADIO, DIGITAL TIMER, ETC. NOBLE COLOR PALETTE, ALLOWS CREATE UP TO 66 STYLISH COMBINATIONS. SIMON 54 PREMIUM PRODUCTS ELEGANTLY CROWNED EVERY ARRANGEMENT, ESPECIALLY ONE IN WHICH REIGN NATURAL MATERIALS – WOOD, STONE, STEEL, GLASS.



SWITCHES, SOCKETS, DIMMERS – OUTSIDE FUNCTIONALITY CAN BE A PART OF THE INTERIOR DESIGN. SIMON 54 NATURE IS DEDICATED TO PEOPLE WHO ARE EXPECTING AN ESTHETIC EXPERIENCE FROM INTERIOR. AN EXTENSIVE COLLECTION OF FRAMES MADE FROM NATURAL MATERIALS - WOOD, GLASS AND METAL - ALLOWS YOU TO CHOOSE COLOR AND TEXTURE DEPENDING ON YOUR NEEDS AND PREFERENCES. AN ELEGANT SIMON 54 NATURE WAS CHOSEN BY THE OWNERS OF SPACIOUS APPARTMENT PLACED IN AN OLD FACTORY BUILDING. DARK FRAMES USED IN THE APARTMENT AND LIGHT COLOR OF WALLS ARE IN PERFECT HARMONY WITH THE MODERN DESIGN OF THE PLACE.



FRAMES **Simon54**
Premium

FRAMES **Simon54**
NATURE

METAL FRAMES

Rustic copper
DR1/36



Gold
DR1/66



Dark steel
DR1/67



Inox
DR1/61



Chrome
DR1/63



METALLIZED FRAMES

Silver matt
DR1/43



Gold matt
DR1/44



Bronze matt
DR1/46



Anthracite
DR1/48



PASTEL FRAMES

White
DR1/11



Cream
DR1/41



GLASS FRAMES

Pearl white
DRN1/70



Lime sorbet
DRN1/90



Moon lava
DRN1/74



Frozen lava
DRN1/73



Silver mist
DRN1/71



Tempting plum
DRN1/89



Storm cloud
DRN1/72



METAL FRAMES

Satin glare
DRN1/79



Satin dusk
DRN1/80



Classic Inox
DRN1/77



Inox Yin
DRN1/78



Inox Yang
DRN1/76



WOODEN FRAMES

Silver venge
DRN1/84



Golden venge
DRN1/85



Golden walnut
DRN1/86



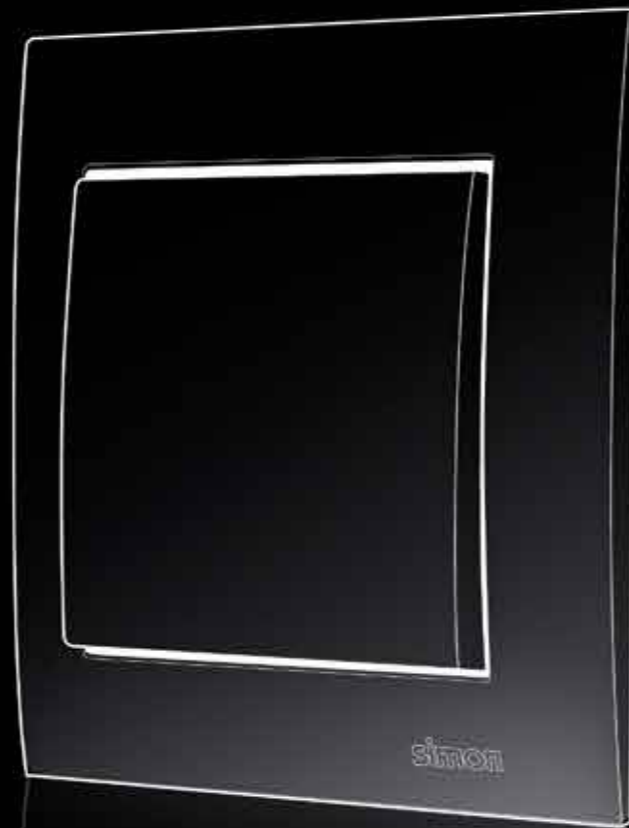
KONTAKT simon
SWITCHES
AND SOCKETS
TECHNICAL
ADVANTAGES



Blue LED button backlight.



Special frames for plasterboard installation boxes which guarantee perfect clinging to the wall.



11 frame colors and 6 button colors allow to create 66 color combinations.

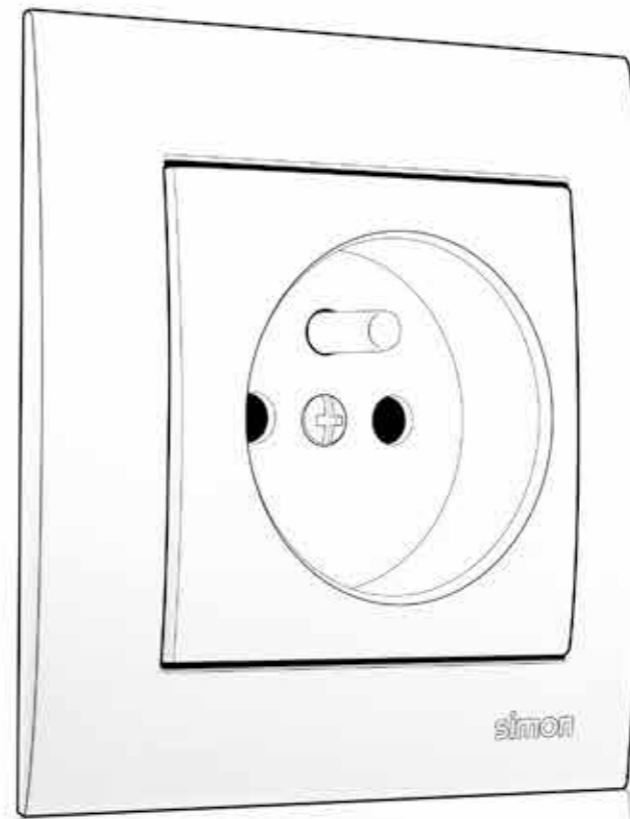


All frames from 1 to 5 gang are designed to be installed both vertically and horizontally.

MODULES **Simon 54**



All Simon 54 socket outlets come fitted with shutters which protect against risk of electric shock.



Quick installation thanks to push-in fittings with easy release system in screwless version of socket.



New bridge enables precise placing the mechanism thanks to supports for the level.









Modern solutions: FM radio, roller blind programmer, gas detector and flood sensor.

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)
colours: white, cream/metallized

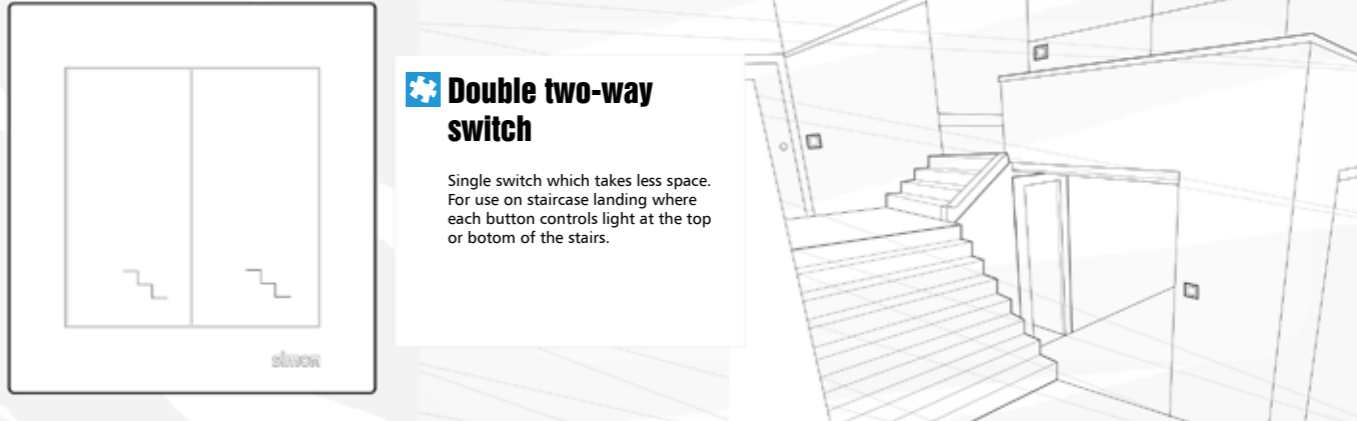
IP20/IP44* SWITCHES AND PUSH-BUTTONS (MODULES)

	DW1.01/..	Single pole switch (module) 10 AX, 250 V~, push-in fittings	10 / 5
	DW1A.01/..	Single pole switch (module) 16 AX, 250 V~, screw clamps	10 / 5
	DW8.01/..	Universal switch - Two-way (modul) 10AX, 250V~, push-in fittings. Can be used as Two-way or Single switch	10 / 5
	DW1L.01/..	LED illuminated single pole switch (module) 10 AX, 250 V~, push-in fittings	10 / 5
	DW1AL.01/..	LED illuminated single pole switch (module) 16 AX, 250 V~, screw clamps	10 / 5
	DW1ZL.01/..	Single pole switch with LED indicator (module) 10 AX, 250 V~, push-in fittings	10 / 5
	DW5.01/..	Two-circuit switch (module) 10 AX, 250 V~, push-in fittings	10 / 5
	DW5A.01/..	Two-circuit switch (module) 16 AX, 250 V~, screw clamps	10 / 5
	DW5B.01/..	Two-circuit switch, for IP44 version (module) 10 AX, 250 V~, push-in fittings	10 / 5
	DW5BL.01/..	LED illuminated two-circuit switch for IP44 version (module) 10 AX, 250 V~, push-in fittings ■ Equipped with a sealing insert for DU1W rockers	10 / 5
	DW5ABL.01/..	LED illuminated two-circuit switch for IP44 version (module) 16 AX, 250 V~, screw clamps ■ Equipped with a sealing insert for DU1W rockers	10 / 5
	DW6.01/..	Two-way switch (module) 10 AX, 250 V~, push-in fittings	10 / 5
	DW6A.01/..	Two-way switch (module) 16 AX, 250 V~, screw clamps	10 / 5
	DW6L.01/..	LED illuminated two-way switch (module) 10 AX, 250 V~, push-in fittings	10 / 5
	DW6AL.01/..	LED illuminated two-way switch (module) 16 AX, 250 V~, screw clamps	10 / 5

* In order to obtain IP44 splash-proofness, a frame sealing from page 48 should be applied. It concerns all switches and push-buttons. Additionally, in double switches a sealing insert from page 49 should be applied (except DW5B.01, DW5BL.01 and DW5ABL.01).






How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)
colours: white, cream/metallized



Double two-way switch








Single switch which takes less space. For use on staircase landing where each button controls light at the top or bottom of the stairs.

	DW6/2.01/..	Double two-way switch (module) 10 AX, 250 V~, screw clamps	10 / 5
	DW6/2L.01/..	Illuminated double two-way switch (module) 10 AX, 250 V~, screw clamps	10 / 5
	DW7.01/..	Intermediate switch (module) 10 AX, 250 V~, push-in fittings	10 / 5
	DW7A.01/..	Intermediate switch (module) 16 AX, 250 V~, screw clamps	10 / 5
	DW7L.01/..	LED illuminated intermediate switch (module) 10 AX, 250 V~, push-in fittings	10 / 5
	DW7/2.01/.. <small>NEW</small>	Double intermediate switch (module) 10 AX, 250 V~, push-in fittings	10 / 5

* In order to obtain IP44 splash-proofness, a frame sealing from page 48 should be applied. It concerns all switches and push-buttons. Additionally, in double switches a sealing insert from page 49 should be applied (except DW5B.01, DW5BL.01 and DW5ABL.01).








How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)
colours: white, cream/metallized

	DW7/2L.01/.. <small>NEW</small>	Illuminated double intermediate switch (module) 10 AX, 250 V~, push-in fittings	10 / 5
	DW2.01/..	Double pole switch (module) 10 AX, 250 V~, push-in fittings	10 / 5
	DW2A.01/..	Double pole switch (module) 16 AX, 250 V~, screw clamps	10 / 5
	DW2L.01/..	LED illuminated double pole switch (module) 10 AX, 250 V~, push-in fittings	10 / 5
	DZP1.01/..	Roller blind push-button (module) 10 AX, 250 V~, push-in fittings	10 / 5
	DZP1W.01/..	Roller blind control switch for multilocation control (module) 10 AX, 250 V~, screw clamps	10 / 5
	DZW1K.01/.. <small>NEW</small>	Roller blind switch, 3 positions "I-0-II" (module) 10 A, 250 V~, push-in fittings ! Replacing DZW1.01/..	10 / 5
	DZW2.01/..	Roller blind control switch double (modul), 250V~, push-in fittings ! With decorative frame adapter ! AVAILABLE ONLY IN COLORS: 43 44 46 48	10 / 5
	DD1.01/..	Single "bell" push button (module) 10 AX, 250 V~, push-in fittings	10 / 5

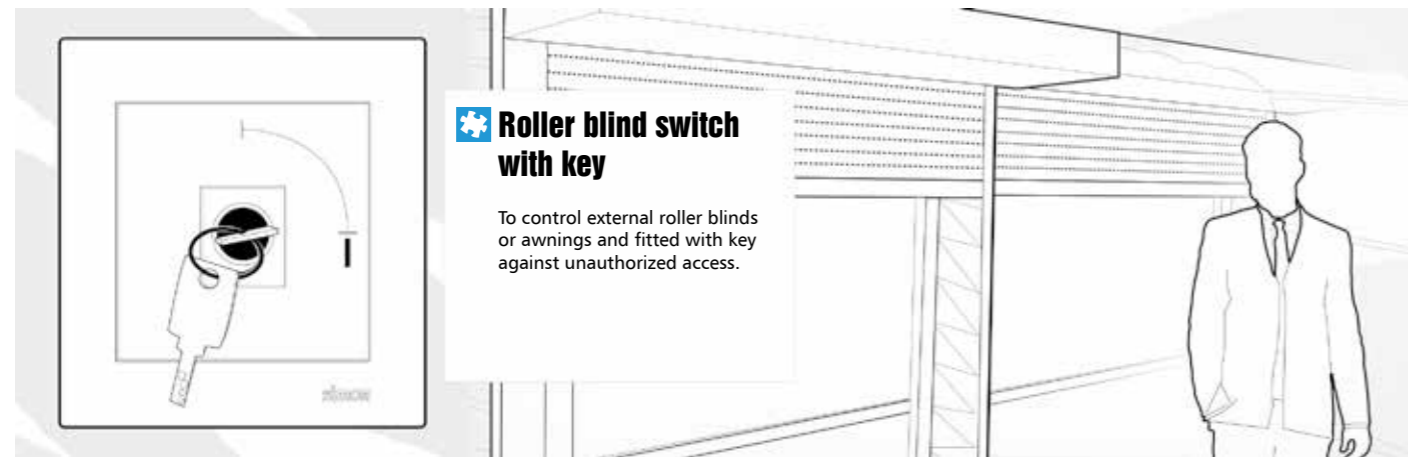
How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)
colours: white, cream/metallized

	DD1L.01/..	Illuminated single "bell" push button (module) 10 AX, 250 V~, push-in fittings	10 / 5
	DS1.01/..	Single "light" push button (module) 10 AX, 250 V~, push-in fitting	10 / 5
	DS1L.01/..	LED illuminated single "light" push button (module) 10 AX, 250 V~, push-in fitting	10 / 5
	DP1.01/..	Single contact push button without the pictogram (module) 10 AX, 250 V~, push-in fitting	10 / 5
	DP1A.01/..	Single contact push button without the pictogram (module) 16 AX, 250 V~, screw clamps	10 / 5
	DPR1.01/..	Single break push button without the pictogram (module) 10 AX, 250 V~, push-in fitting	10 / 5
	DP1L.01/..	LED illuminated single push button, without the pictogram (module) 10 AX, 250 V~, push-in fitting	10 / 5
	DP1AL.01/..	LED illuminated contact single button without pictogram (module) 16 AX, 250 V~, screw clamps	10 / 5
	DP2.01/..	Double contact push button, without the pictogram (module) 10 AX, 250 V~, push-in fitting	10 / 5
	DWH1.01/..	Illuminated hotel switch (module), the nominal current 10 (2) A (module) Relay required ! Only for Simon 54 Premium frames	10 / 5
	DWH2.01/..	Double illuminated hotel switch (module), the nominal current 10 (2) A Relay required ! Only for Simon 54 Premium frames	10 / 5

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)
colours: white, cream/metallized



Roller blind switch with key

To control external roller blinds or awnings and fitted with key against unauthorized access.

	DW1K.01/..	Single pole switch with a key (module) 2 positioned "0-I", contact N/O, 5 A, 250 V~ The key removable in every position	10 / 5
	DP1K.01/..	Momentary single switch with a key (module) 2 positioned "0-I", contact N/O, 5 A, 250 V~ The key removable in 0 position	10 / 5
	DWZK.01/..	Roller blind control switch with a key (module) 3 positioned "I-0-II", 2 contacts N/O 5 A, 250 V~ The key removable in every position	10 / 5
	DPZK.01/..	Roller blind control switch with a key (module) 3 positioned "I-0-II", 2 contacts N/O 5 A, 250 V~ The key removable only in "0" position	10 / 5

SOCKETS (MODULES)

	DGZ2MZ.01/..	Double socket outlet with earthing and shutters (module) 16 A, 250 V~, screw clamps Only for Simon 54 Premium frames	10 / 5
	DGZ2MZN.01/.. <small>NEW</small>	Double socket outlet with earthing and shutters (module) 16 A, 250 V~, screw clamps Only for Simon 54 Nature frames	10 / 5
	DG2MZ.01/..	Double socket outlet without earthing, with shutters (module) 16 A, 250 V~, screw clamps Only for Simon 54 Premium frames	10 / 5
	DG2MZN.01/.. <small>NEW</small>	Double socket outlet without earthing, with shutters (module) 16 A, 250 V~, screw clamps Only for Simon 54 Nature frames	10 / 5
	DGZ1Z.01/..	Socket outlet with earthing and shutters (module) 16 A, 250 V~, screw clamps	10 / 5
	DGZ1CZ.01/..	Socket outlet with earthing and shutters (module) 16 A, 250 V~, push-in fitting	10 / 5

* In order to obtain IP44 splash-proofness, a frame sealing from page 48 should be applied. It concerns all switches and push-buttons. Additionally, in double switches a sealing insert from page 49 should be applied (except DW5B.01, DW5BL.01 and DW5ABL.01).

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)
colours: white, cream/metallized

DGZ1Z.01/22 Socket outlet with earthing and shutters (module) 16 A, 250 V~, push-in fitting. In red 10 / 5

DGZ1Z.01/.. Socket outlet without earthing, with shutters (module) 16 A, 250 V~, screw clamps 10 / 5



IP44 splash-proof socket outlet

Keeps safety standards in places of direct contact with water near where power is needed.

DGZ1BUZ.01/..A IP44 socket outlet with shutters, without sealing, 16 A, 250 V~, screw clamps, transparent flap
Frame sealing required - see page 48 10 / 5








DGZ1BUZ.01/.. IP44 socket outlet with shutters, without sealing, 16 A, 250 V~, screw clamps, white or cream flap
Frame sealing required - see page 48
AVAILABLE ONLY IN COLORS: 11 41 10 / 5

DGZ1BZ.01/..A IP44 socket outlet with shutters and frame sealing (module), 16 A, 250 V~ 16 A, 250 V~, screw clamps, transparent lid
Seal suitable for pastel, metal and metallized frames
Only for Simon 54 Premium frames 10 / 5

Simon 54
Simon Basic
Simon Classic
Simon 15
Simon 27 Play
Simon Akord
Simon Aquarius
Technical information










How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)
colours: white, cream/metallized

	DGZ1BZ.01/..	IP44 socket outlet with shutters and frame sealing (module) 16 A, 250 V~ 16 A, 250 V~, screw clamps, white or cream flap ■ Seal suitable for pastel, metal and metallized frames ■ Only for Simon 54 Premium frames	10 / 5
	DGZ1BUZ.01/22 <small>NEW</small>	IP44 socket outlet with shutters, without sealing 16 A, 250 V~, screw clamps, red ■ Frame sealing required - see page 48	10 / 5
	DGZ1BUZ.01/33 <small>NEW</small>	IP44 socket outlet with shutters, without sealing 16 A, 250 V~, screw clamps, green ■ Frame sealing required - see page 48	10 / 5
	DGZ1BUZ.01/32 <small>NEW</small>	IP44 socket outlet with shutters, without sealing 16 A, 250 V~, screw clamps, orange ■ Frame sealing required - see page 48	10 / 5
	DGD1.01/..	DATA socket outlet with socket protection element (module) 16 A, 250 V~, screw clamps	10 / 5
	DGD1.01/22	DATA socket outlet with socket protection element (module) 16A, 250 V~, screw clamps, red	10 / 5
	DGD1B.01/22	IP44* DATA socket outlet with socket protection element (module) 16 A, 250 V~, screw clamps DATA sign on the lid, red ■ Frame sealing required - see page 48	10 / 5

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)
colours: white, cream/metallized

	DGD1B.01/33	IP44* DATA socket outlet with socket protection element (module) 16 A, 250 V~, screw clamps DATA sign on the lid, green ■ Frame sealing required - see page 48	10 / 5
	DGE1.02/..	Equipotential socket outlet. Connection: 2, 5, 4, 6 mm² (module)	10 / 5
	00965591PEHA	Equipotential plug, sold separately	
	DGSZ1Z.01/..	Shuko socket outlet with shutters (module) 16 A, 250 V~, screw clamps	10 / 5
	DGSZ1CZ.01/..	Schuko socket outlet with shutters (module) 16 A, 250 V~, push-in fittings	10 / 5
	DGSZ1BZ.01/..A <small>NEW</small>	IP44 schuko socket outlet with shutters and frame sealing (module) 16 A, 250 V~ 16 A, 250 V~, screw clamps, transparent lid	
	DGSZ2Z/..	Double Schuko socket outlet with shutters (module) 16 A, 250 V~, screw clamps	10 / 5
	EGSZ2PZ/..	Double socket outlet with Schuko earthing, flush mounted, with shutters, 16 A, 250 V~, screw terminals (Scandinavian version)	
	EGSZ2SPZ/..	Double socket outlet with Schuko earthing, flush mounted, with shutters, 16 A, 250 V~, push-in fittings (Scandinavian version)	

Simon 54
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How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)
colours: white, cream/metallized

	EGSZ2NZ/.. EGSZ2SNZ/..	Double socket outlet with Schuko earthing, wall mounted, with shutters, 16 A, 250 V~, screw terminals (Scandinavian version) Double socket outlet with Schuko earthing, wall mounted, with shutters, 16 A, 250 V~, push-in fittings (Scandinavian version)
	EGSZ4NZ/..	Quadruple socket outlet with Schuko earthing, wall mounted with shutters, 16 A, 250 V~, screw terminals (Scandinavian version)
	EGSZ4SNZ/..	Quadruple socket outlet with Schuko earthing, wall mounted with shutters, 16 A, 250 V~, push-in fittings (Scandinavian version)
	EGSZ2NZB/..	IP 44 double socket outlet with Schuko earthing, wall mounted, with shutters, 16 A, 250 V~, screw terminals (Scandinavian version)

AERIAL, LOUDSPEAKER AND HDMI SOCKETS (MODULES)

	DAK.01/..	RTV final aerial socket, separated (module) 1 dB	10 / 5
	DAPxx.01/..	RTV aerial pass-through socket (module), xx = 10, 14, 16, 18, 20, 23 dB	10 / 5
	DAZ.01/..	RTV final pass-through aerial socket (module) 10 dB	10 / 5
	DASK.01/..	RTV-SAT final aerial socket (module) rTV 1.0 dB, SAT 10 dB	10 / 5
	DASP.01/..	RTV-SAT pass through aerial socket (module) r 11 dB, TV-SAT 10 dB	10 / 5

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)
colours: white, cream/metallized

	Double SAT socket	Allows to watch and record two different channels at the same time. Required with digital TV box.	
	DASK2.01/..	Double R-TV SAT-SAT final aerial socket (module)	10 / 5
	DAD.01/..	RTV DATA socket (module) input frequency 5-862 MHz	10 / 5
	DAD1.01/.. <small>NEW</small>	TV-Data socket, two output ports type "F" (module), input frequency 5-100 MHz	
	DAK1.01/..	Single TV aerial socket (module)	10 / 5
	DASF1.01/..	Single SAT aerial socket (module)	10 / 5

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)
colours: white, cream/metallized

	DASF2.01/.. <small>NEW</small>	Double aerial socket type „F“ (module)	
	DASFRJ45.01/.. <small>NEW</small>	Aerial socket type „F“ + RJ45 socket cat.6 (module)	
	DGL31.01/..	Single loudspeaker socket (module) for connecting 1 loudspeaker - input and output wires up to 2,5 mm²	10 / 5
	DGL32.01/..	Double loudspeaker socket (module) for connecting 2 loudspeakers - input and output wires up to 2,5 mm²	10 / 5
	DGL34.01/..	Quadruple loudspeaker socket (module) for connecting 4 loudspeakers - input and output wires up to 2,5 mm²	10 / 5
	DGL2.01/.. <small>NEW</small>	Single Loudspeaker socket, (module), output wire up to 6 mm²	10 / 5
	DGHDMI.01/..	HDMI socket (module)	10 / 5

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)
colours: white, cream/metallized

	DGHDMI2.01/..	Double HDMI socket (module)	10 / 5
	DGHRJ45.01/.. <small>NEW</small>	HDMI socket + RJ45 socket cat.6. (module)	








IT / TELEPHONE SOCKETS (MODULES)

	DT1.01/..	Single RJ12 telephone socket (module)	10 / 5
	DT2.01/..	Double RJ12 telephone socket (module)	10 / 5
<p>IT socket RJ45 With anti-dust covers to protect socket contacts.</p>			
	D61.01/..	Single computer socket RJ45 6 category, with antidust cover (module)	10 / 5

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How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)
colours: white, cream/metallized

	D61E.01/..	Single computer socket RJ45, 6 category STP, shielded, with antidust cover (module)	10 / 5
	D62.01/..	Double computer socket RJ45, 6 category, with antidust cover (module)	10 / 5
	D62E.01/..	Double computer socket RJ45, 6 category, shielded with antidust cover (module)	10 / 5
	D5T.01/..	RJ45 Computer socket, 5e category + RJ12 telephone socket (module)	10 / 5
	DKP2.01/..	Double Keystone flat IT/telephone socket cover (module) ■ Dedicated RJ45 inserts below	
	DKP15.01/..	IT/telephone Keystone, diagonal socket cover with descriptive field (module) ■ Dedicated RJ45 inserts below	
	BWB/..	Blind for RJ45/RJ12 IT/telephone socket	

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour






Packaging unit (pcs)
colours: white, cream/metallized

IT / TELEPHONE SOCKETS INSERTS




Telephone sockets inserts

	RJ12	RJ12 telephone socket insert, Leviton
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Category 5e – UTP (unshielded)

	CJ545U	RJ45 computer socket insert, 5e category UTP, AMP
	ARJ455e	RJ45 computer socket insert, 5e category UTP, AMP
	KRJ455e	RJ45 computer socket insert, 5e category, UTP, Krone, type H ■ Apply with single, slanted cover DKP15.01/..
	LRJ455e	RJ45 computer socket insert, 5e category UTP, Leviton
	MRJ455e	RJ45 computer socket insert, 5e category UTP, Molex

Category 5e – FTP/STP (shielded)





	CJ545FM	RJ45 computer socket insert, cat. 5e FTP, Simon Connect ■ Apply with single, slanted cover DKP15.01/..
	KRJ455ekr	RJ45 computer socket insert, cat. 5e STP, Krone type HK ■ Apply with single, slanted cover DKP15.01/..
	LRJ455ekr	RJ45 computer socket insert, cat. 5e STP, Leviton

Category 6 – UTP (unshielded)




	CJ645u	RJ45 computer socket insert, cat. 6 UTP, Simon Connect
---	--------	--

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour


Packaging unit (pcs)
colours: white, cream/metallized

	ARJ456	RJ45 computer socket insert, cat. 6 UTP, AMP
	KRJ456	RJ45 computer socket insert, cat. 6 UTP, Krone type KM8 Apply with single, slanted cover DKP1S.01/..
	LRJ456	RJ45 computer socket insert, cat.6 UTP, Leviton
	MRJ456	RJ45 computer socket insert, cat.6 UTP, Molex



Category 6 – FTP/STP (shielded)

	CJ645FM	RJ45 computer socket insert, cat.6a FTP, Simon Connect Apply with single, slanted cover DKP1S.01/..
	KRJ456ekr	RJ45 computer socket insert, cat. 6 UTP, Krone type KM8 Apply with single, slanted cover DKP1S.01/..
	LRJ456ekr	RJ45 computer socket insert, cat. 6 STP (shielded), Leviton

Category 6a – UTP (unshielded)

	LRJ456A	RJ45 computer socket insert, cat. 6a UTP (shielded), Leviton
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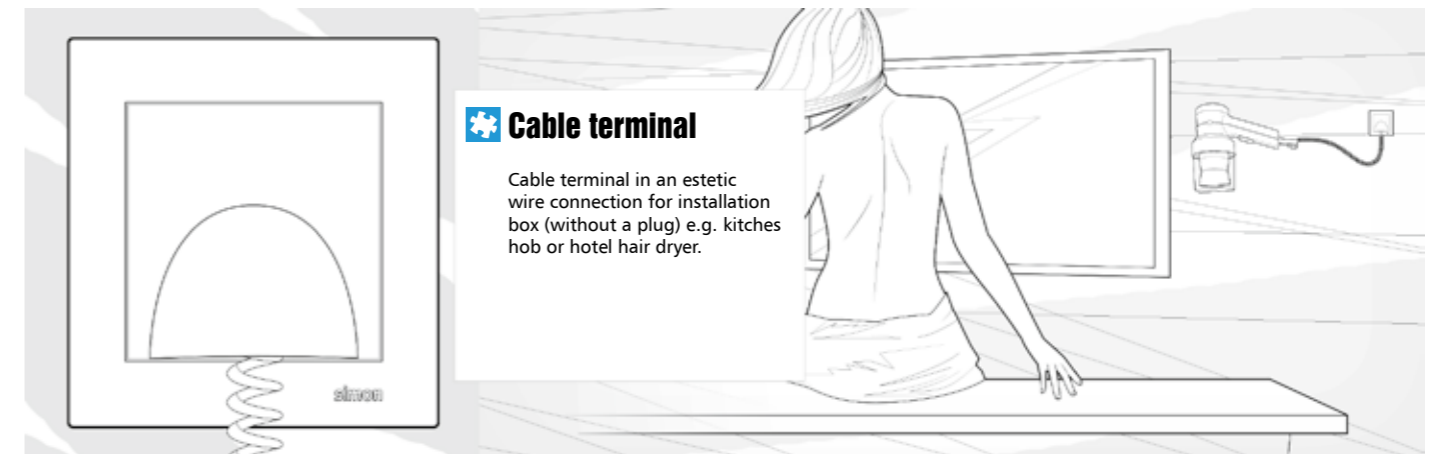
Category 6a – FTP/STP (shielded)






	FRJ456Aekr	RJ45 computer socket insert, cat. 6a STP, FMT
	LRJ456Aekr	RJ45 computer socket insert, cat. 6a STP, Leviton

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)
colours: white, cream/metallized








OTHER PRODUCTS



	DPK1.01/..	Cable terminal (module) Max. diameter of wire connected 6,2 - 14,5 mm	10 / 5
	DA45.01/.. <small>NEW</small>	Accessory adapter for standard 45 × 45 mm	10 / 5
	DPS.01/.. DP/..	Frame blind (module). Assembly with screws or claws Frame blind without bridge - latch assembly to the frame. For inner modules in multiple frames	
	DKW1/.. <small>NEW</small>	Single rocker for switches and push buttons	
	DKW1L/..	Single rocker with an eye for illuminated switches and push buttons	



How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)
colours: white, cream/metallized




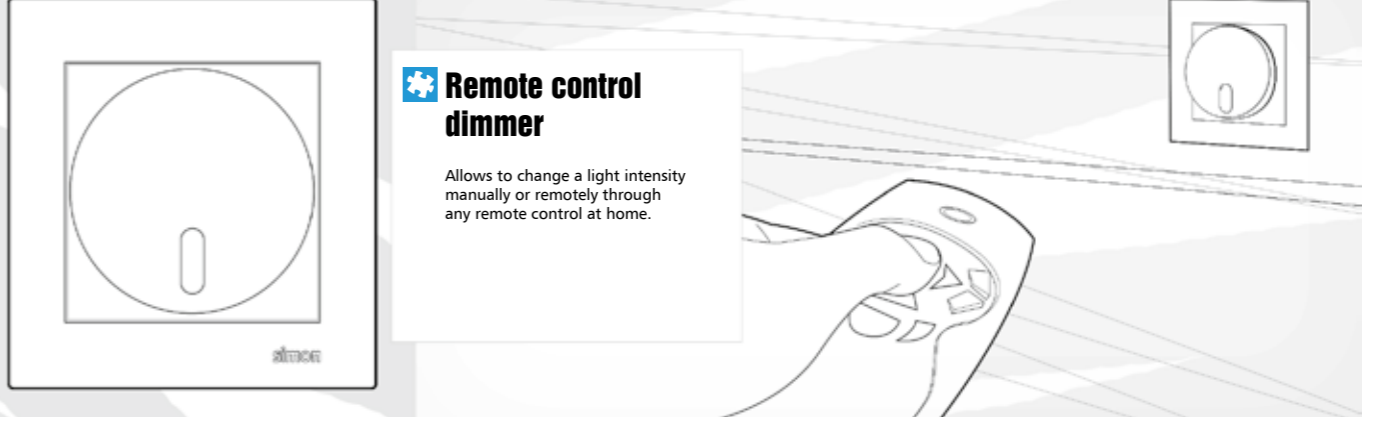

	DKWK1/.. <small>NEW</small>	Single rocker with key pictogram for switches and push buttons; white
	DKW1/22 <small>NEW</small>	Single rocker for switches and push buttons; red
	DKW1/32 <small>NEW</small>	Single rocker for switches and push buttons; orange
	DKW1/33 <small>NEW</small>	Single rocker for switches and push buttons; green
	DKW5/..	Rockers for double switches and push buttons ! Not suitable for double two-way switch and double intermediate switch
	DKW5L/..	Rockers with an eye for illuminated double switches and push buttons ! Not suitable for double two-way switch and double intermediate switch
	DKW5/22 <small>NEW</small>	Rockers for double switches and push buttons, red ! Not suitable for double two-way switch and double intermediate switch

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)
colours: white, cream/metallized

	DKW5/32 <small>NEW</small>	Rockers for double switches and push buttons, orange ! Not suitable for double two-way switch and double intermediate switch
	DKW5/33 <small>NEW</small>	Rockers for double switches and push buttons, green ! Not suitable for double two-way switch and double intermediate switch

ELECTRONIC PRODUCTS (MODULES)

	DS9T.01/..	Push-rotary dimmer (module), 20-500 W 	10 / 5
	DS9V.01/..	Regulator 1-10 V~ (module), for switching on and controlling light with control feeders 1-10 V~ 	10 / 5
	DS9L2.01/.. <small>NEW</small>	Bipolar rotary dimmer. Designed to use for dimmable LED 230V (module) 5-215W ! 3 or 4-wire installation required 	10 / 5
 <div data-bbox="1982 1402 2309 1486" data-label="Section-Header"> <p>Remote control dimmer</p> </div> <div data-bbox="2012 1495 2279 1558" data-label="Text"> <p>Allows to change a light intensity manually or remotely through any remote control at home.</p> </div>			
	DS13T.01/..	Remote control dimmer (module) 20-500 W 	10 / 5

Simon 54
Simon Basic
Simon Classic
Simon 15
Simon 27 Play
Simon Akord
Simon Aquarius
Technical information

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)
colours: white, cream/metallized

	DWP10P.01/..	Remote control switch with rely (module) 8 (2) A, 230 V~ 3-wire installation required maks. 2000 W maks. 1000 W maks. 450 VA	10 / 5
	DWP10T.01/..	Remote control switch (module) 20-500 W maks. 20+500 W	10 / 5
	DCR10P.01/..	Motion sensor switch with rely (module) 8 (2) A, 230 V~ 3-wire installation required maks. 2000 W maks. 1000 W maks. 450 VA	10 / 5
	DCR10T.01/..	Motion sensor switch (module) 20-500 W maks. 20+500 W	10 / 5
	DCR11P.01/..	Motion sensor switch with rely and control elements, unauthorised access protection (module) 8 (2) A, 230 V~, recommended for public buildings 3-wire installation required maks. 2000 W maks. 1000 W maks. 450 VA	10 / 5
	DCR11T.01/..	Motion sensor switch and control elements, unauthorised access protection (module) 20-500 W, recommended for public buildings maks. 20+500 W	10 / 5
	DWC10P.01/..	Time switch with rely. Switching off delay from 30 seconds to 99 minutes. regulated gradually every 1 minute (module) 8 (2) A, 230 V~ 3-wire installation required maks. 2000 W maks. 1000 W maks. 450 VA	10 / 5
	DWC10T.01/..	Time switch. Switching off delay from 15 seconds to 10 minutes. regulated smoothly (module) 20-500 W maks. 20+500 W	10 / 5
	DWC20P.02/.. NEW	Time switch with relay (module) 16 A, 230 230 V~, regulated smoothly 1-15 min 3 or 4-wire installation required	

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

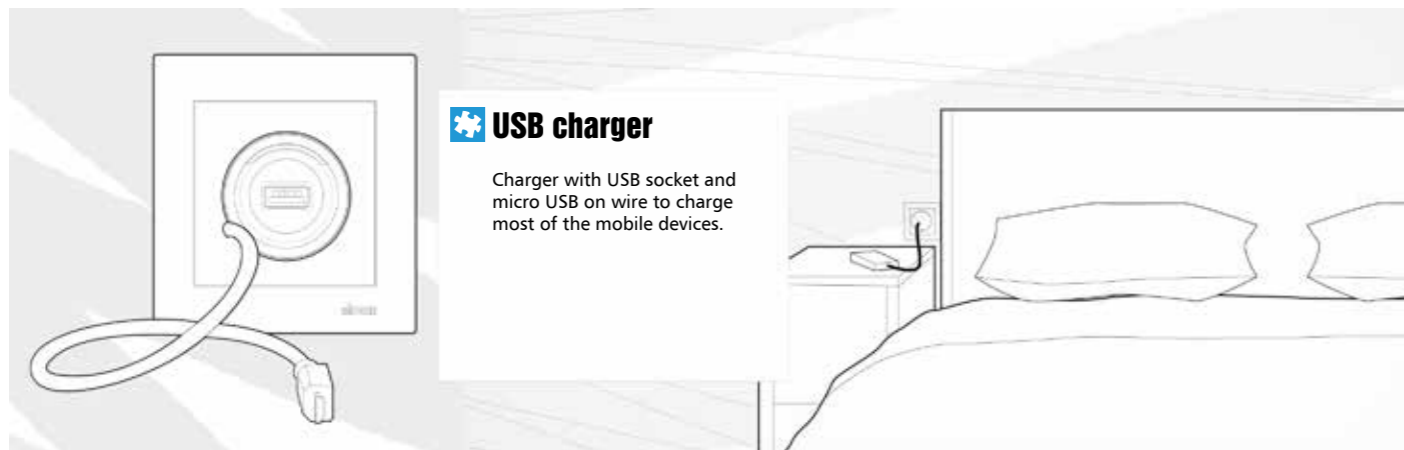
Packaging unit (pcs)
colours: white, cream/metallized

	DSS1.01/..	LED light indicator - white light (module) 230 V~	10 / 5
	DSS2.01/..	LED light indicator - red light (module) 230 V	10 / 5
	DSS3.01/..	LED light indicator - green light (module) 230 V~	10 / 5
	DRT10W.02/..	Temperature regulator with inner detector (module) 16 (2) A, 230 V~, assembly with screws	10 / 5
	DRT10Z.02/..	Temperature regulator with outer detector (module) 16 (2) A, 230 V~, outer sensor (sounder) included. Assembly with screws	10 / 5
	DDS1.01/..	Electronic bell (module) 230 V~	10 / 5
	DDT1.01/..	Electronic bell (module) 8-12 V~	10 / 5

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)
colours: white, cream/metallized

ELECTRONIC PRODUCTS WITH FRAME ADAPTOR (MODULES)



USB charger

Charger with USB socket and micro USB on wire to charge most of the mobile devices.



D75405.01/..
NEW

USB and micro-USB charger with collar for cable. Dedicated for smartphones, cameras, etc.

- 1 x USB type A
- 1x micro USB on 30 cm cable
- output voltage 5 V DC
- output current for 1 slot: max 1400 mA
- output current for both slots working at the same time: max 1500 mA
- input voltage 100-240 V~ / 50-60 Hz protected with overload fuse

■ Frame adaptor in color of the module included

■ AVAILABLE ONLY IN COLORS: 43 44 46 48



D75310.01/..

Two button dimmer (module) 40-500 W. Large rocker activates 100% of light intensity, small rocker from 10%-90% (gradually by 10%)

For controlling:

- incandescent and halogen lamps 230 V~ (40-500 W)
- halogen lamps powered by electromagnetic transformer (50-500 VA)
- halogen lamps powered by electronic transformer (50-300 VA)

Possibility of applying contact button

■ Frame adaptor in color of the module included

■ AVAILABLE ONLY IN COLORS: 43 44 46 48



D75817.01/..

Digital thermostat with outer temperature sensor (module)

- for air conditioning or central heating
- automatic mode: 8 programmes hour/day of the week
- temperature modes: comfort (day), saving (night), anti-freezing (2°C)
- 3 languages: English, Spanish, Portuguese
- power supply: 230 V~
- rely output 8 (2) A, break contact

■ Frame adaptor in color of the module included

■ AVAILABLE ONLY IN COLORS: 43 44 46 48

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)
colours: white, cream/metallized



D75815.01/..

Digital alarm clock (module)

- 2 independent time/day/week alarms
- automatic summer/winter time change
- power supply 230 V~

■ Frame adaptor in color of the module included

■ AVAILABLE ONLY IN COLORS: 43 44 46 48



D75818.01/..

Digital programmer (module)

- manual mode: on/off
- automatic mode: 20 programmes (10 - on/10 - off), hour, minute/day of the week
- random mode: presence simulator
- 3 languages: English, Spanish, Portuguese
- automatic summer/winter time change
- power supply: 230 V~
- rely output 8 (2) A, break contact!

■ Frame adaptor in color of the module included

■ AVAILABLE ONLY IN COLORS: 43 44 46 48



D75820.01/..

Digital programmer for controlling roller blinds (module)

- manual mode
- programmed blinds rolling up/down(10 up/10 down), according to days of the week
- random mode: presence simulator
- 3 languages: English, Spanish, Portuguese
- power supply: 230 V~
- rely output 5 (1) A

■ Frame adaptor in color of the module included

■ AVAILABLE ONLY IN COLORS: 43 44 46 48



D75252.01/..

Digital radio with display (module)

- RDS with memory
- headphone output
- automatic switching off
- mono output power 1 W, impedance 16 Ω,
- power supply: 230 V~

Work with one loudspeaker code 05562-39 or 05562-39 or two loudspeakers code 05072-39

■ Frame adaptor in color of the module included

■ AVAILABLE ONLY IN COLORS: 43 44 46 48









D05562.01/..

Loudspeaker 2 W, 16 Ω (module)

■ AVAILABLE ONLY IN COLORS: 43 44 46 48

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)
colours: white, cream/metallized

	05563-30	Loudspeaker 2" W 16 Ω for false ceilings Ø = 65 mm
	05072-39	Loudspeaker 5", 10 W, 32 Ω
	05505-30	5" Loudspeaker cover
	05705-39	5" Loudspeaker box
	D75420.01/..	<p>Surge protector (module)</p> <ul style="list-style-type: none"> • class D protection • protection: 1,5 kV (L/n) • discharge current: 2,5 kA (L/n) - 8/20 μs • light indicating correct/incorrect arrester condition • power supply: 230 V~ <p>■ Frame adapter in color of the module included</p> <p>■ AVAILABLE ONLY IN COLORS: 43 44 46 48</p>
	D75861.01/..	<p>Gas detector (module)</p> <p>Gas detector designed in conformity with UnE-En 50194, allows detecting the presence of toxic and explosive gases, such as: butane, propane, town gases, natural gases and others</p> <ul style="list-style-type: none"> • alarm indicated by red LED diode and sound signal, green LED diode indicates correct functioning • being able to control electro valve for the automatic gas supply closure (product code: 81871-39) <p>■ Each gas detector requires individual power supply (art. D75870.01-..)</p> <p>■ Frame adapter in color of the module included</p> <p>■ AVAILABLE ONLY IN COLORS: 43 44 46 48</p>


How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)
colours: white, cream/metallized

		<p>Flood sensor</p> <p>Alarm module together with floor sensor prevents from flooding by detecting a leakage and closing remotely a water valve.</p>
	D75860.01/..	<p>Flood detector (module) with one flood sensor</p> <ul style="list-style-type: none"> • alarm indicated by red LED diode and sound signal • automatic water supply closure, after applying electrovalve (art. 81870-39/..) • connect up to 3 flood sensors (art. 81864-39) • green diode indicates correct functioning <p>■ Every flood sensor requires individual power supply (art. D75870.01-..)</p> <p>■ Frame adapter in color of the module included</p> <p>■ AVAILABLE ONLY IN COLORS: 43 44 46 48</p>
	81871-39	<p>Gas electrovalve 3/4"</p> <p>Automatic gas supply closure, after applying gas detector (art. D75861.01/..)</p> <p>Usually open for controlling the gas supply</p> <p>Manual reset</p> <p>Power supply: 230 V~</p> <p>Protection degree: IP54</p>
	81864-39	Additional flood sensor for Flood detector
	81870-39	<p>Water electrovalve 3/4"</p> <p>Automatic water supply closure, after applying flood souden (art. D75861.01/..)</p> <p>Usually open for controlling the water supply</p> <p>Automatic reset</p> <p>Power supply: 230 V~</p> <p>Protection degree: IP65</p>

How to order: SYMBOL../. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)
colours: white, cream/metallized


	D75870.01/..	Power supply 12 V~ (module)
		For flood detector (art. D75860-01) and gas detector (art. D75861-01) Every sensor requires individual power supply Green diode indicates correct functioning ■ Frame adapter in color of the module included ■ AVAILABLE ONLY IN COLORS: 43 44 46 48

Frame clinging to the wall surface




SIMON 54 PREMIUM FRAMES

IP20/IP44* pastel frames


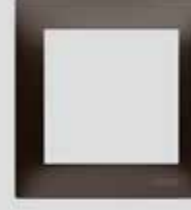
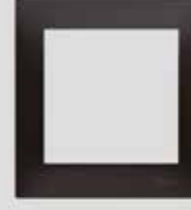
	DR1/11	White	DRK1/11	For plasterboard boxes
	DR2/11	<input type="checkbox"/>	DRK2/11	<input type="checkbox"/>
	DR3/11	<input type="checkbox"/>	DRK3/11	<input type="checkbox"/>
	DR4/11	<input type="checkbox"/>	DRK4/11	<input type="checkbox"/>
	DR5/11	<input type="checkbox"/>	DRK5/11	<input type="checkbox"/>
	DR1/41	Cream	DRK1/41	For plasterboard boxes
	DR2/41	<input type="checkbox"/>	DRK2/41	<input type="checkbox"/>
	DR3/41	<input type="checkbox"/>	DRK3/41	<input type="checkbox"/>
	DR4/41	<input type="checkbox"/>	DRK4/41	<input type="checkbox"/>
	DR5/41	<input type="checkbox"/>	DRK5/41	<input type="checkbox"/>

IP20/IP44* metallized frames




	DR1/43	Silver matt	DRK1/43	For plasterboard boxes
	DR2/43	<input type="checkbox"/>	DRK2/43	<input type="checkbox"/>
	DR3/43	<input type="checkbox"/>	DRK3/43	<input type="checkbox"/>
	DR4/43	<input type="checkbox"/>	DRK4/43	<input type="checkbox"/>
	DR5/43	<input type="checkbox"/>	DRK5/43	<input type="checkbox"/>

How to order: SYMBOL../. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)
colours: white, cream/metallized

	DR1/44	Gold matt	DRK1/44	For plasterboard boxes
	DR2/44	<input type="checkbox"/>	DRK2/44	<input type="checkbox"/>
	DR3/44	<input type="checkbox"/>	DRK3/44	<input type="checkbox"/>
	DR4/44	<input type="checkbox"/>	DRK4/44	<input type="checkbox"/>
	DR5/44	<input type="checkbox"/>	DRK5/44	<input type="checkbox"/>
	DR1/46	Bronze matt	DRK1/46	For plasterboard boxes
	DR2/46	<input type="checkbox"/>	DRK2/46	<input type="checkbox"/>
	DR3/46	<input type="checkbox"/>	DRK3/46	<input type="checkbox"/>
	DR4/46	<input type="checkbox"/>	DRK4/46	<input type="checkbox"/>
	DR5/46	<input type="checkbox"/>	DRK5/46	<input type="checkbox"/>
	DR1/48	Anthracite	DRK1/48	For plasterboard boxes
	DR2/48	<input type="checkbox"/>	DRK2/48	<input type="checkbox"/>
	DR3/48	<input type="checkbox"/>	DRK3/48	<input type="checkbox"/>
	DR4/48	<input type="checkbox"/>	DRK4/48	<input type="checkbox"/>
	DR5/48	<input type="checkbox"/>	DRK5/48	<input type="checkbox"/>

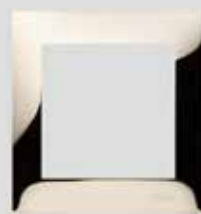
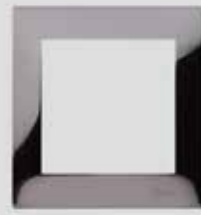
IP20/IP44* metal frames

	DR1/36	Rustic copper	<input type="checkbox"/>
	DR2/36	<input type="checkbox"/>	<input type="checkbox"/>
	DR3/36	<input type="checkbox"/>	<input type="checkbox"/>
	DR4/36	<input type="checkbox"/>	<input type="checkbox"/>
	DR1/61	Inox	<input type="checkbox"/>
	DR2/61	<input type="checkbox"/>	<input type="checkbox"/>
	DR3/61	<input type="checkbox"/>	<input type="checkbox"/>
	DR4/61	<input type="checkbox"/>	<input type="checkbox"/>
	DR1/63	Chrome	<input type="checkbox"/>
	DR2/63	<input type="checkbox"/>	<input type="checkbox"/>
	DR3/63	<input type="checkbox"/>	<input type="checkbox"/>
	DR4/63	<input type="checkbox"/>	<input type="checkbox"/>





* In order to obtain IP44 splash-proofness, a frame sealing from page 48 should be applied.

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)
colours: white, cream/metallized



	DR1/66 DR2/66 DR3/66 DR4/66	Gold □ □□ □□□ □□□□	
	DR1/67 DR2/67 DR3/67 DR4/67	Dark steel □ □□ □□□ □□□□	FRAME DIMENSIONS dingle frame 87 x 82 mm double frame 87 x 153 mm triple frame 87 x 224 mm quadruple framee 87 x 295 mm 5-gang frame 87 x 366 mm

Surface mounted boxes for Simon 54 Premium

	DPNR2/.. <small>NEW</small>	Double corner installation box
	DSC/.. <small>NEW</small>	Assembled surface mounted wall box (40 mm), element "C" AVAILABLE IN COLORS: 11 41 43 44 46 48
	DSH/.. <small>NEW</small>	Assembled surface mounted wall box (40 mm), element "H" AVAILABLE IN COLORS: 11 41 43 44 46 48
	DPN1/..	Single surface mounted box, 35 mm deep AVAILABLE IN COLORS: 11 41 43 44 46 48





How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)
colours: white, cream/metallized

	DPN2/..	Double surface mounted box, 35 mm deep AVAILABLE IN COLORS: 11 41 43 44 46 48
	DPN3/..	Triple surface mounted box, 35 mm deep AVAILABLE IN COLORS: 11 41 43 44 46 48

SIMON 54 NATURE FRAMES

Glass frames

	DRN1/70 DRN2/70 DRN3/70 DRN4/70 DRN5/70	Pearl white □ □□ □□□ □□□□ □□□□□	TEMPERED GLASS ★★★★★	5 5 5 5 5
	DRN1/90 DRN2/90 DRN3/90 DRN4/90 DRN5/90	Sorbet lime □ □□ □□□ □□□□ □□□□□	TEMPERED GLASS ★★★★★	5 5 5 5 5
	DRN1/89 DRN2/89 DRN3/89 DRN4/89 DRN5/89	Tempting plum □ □□ □□□ □□□□ □□□□□	TEMPERED GLASS ★★★★★	5 5 5 5 5
	DRN1/71 DRN2/71 DRN3/71 DRN4/71 DRN5/71	Silver mist □ □□ □□□ □□□□ □□□□□	TEMPERED GLASS ★★★★★	5 5 5 5 5

Simon 54
Simon Basic
Simon Classic
Simon 15
Simon 27 Play
Simon Akord
Simon Aquarius
Technical information

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)

	DRN1/72	Storm cloud	5
	DRN2/72		5
	DRN3/72		5
	DRN4/72		5
	DRN5/72		5
TEMPERED GLASS ★★★★★			
	DRN1/74	Moon lava	5
	DRN2/74		5
	DRN3/74		5
	DRN4/74		5
	DRN5/74		5
TEMPERED GLASS ★★★★★			
	DRN1/73	Frozen lava	5
	DRN2/73		5
	DRN3/73		5
	DRN4/73		5
	DRN5/73		5
TEMPERED GLASS ★★★★★			

Metal frames

	DRN1/79	Satin glare	5
	DRN2/79		5
	DRN3/79		5
	DRN4/79		5
	DRN5/79		5
	DRN1/80	Satin dusk	5
	DRN2/80		5
	DRN3/80		5
	DRN4/80		5
	DRN5/80		5
	DRN1/77	Classic Inox	5
	DRN2/77		5
	DRN3/77		5
	DRN4/77		5
	DRN5/77		5

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)

	DRN1/78	Inox Yin	5
	DRN2/78		5
	DRN3/78		5
	DRN4/78		5
	DRN5/78		5
	DRN1/76	Inox Yang	5
	DRN2/76		5
	DRN3/76		5
	DRN4/76		5
	DRN5/76		5

Wooden Frames






	DRN1/84	Silver venge	5
	DRN2/84		5
	DRN3/84		5
	DRN4/84		5
	DRN5/84		5
	DRN1/85	Golden venge	5
	DRN2/85		5
	DRN3/85		5
	DRN4/85		5
	DRN5/85		5
	DRN1/86	Golden walnut	5
	DRN2/86		5
	DRN3/86		5
	DRN4/86		5
	DRN5/86		5

	FRAME DIMENSIONS
	single frame 96 x 92 mm
	double frame 96 x 163 mm
	triple frame 96 x 234 mm
	quadruple frame 96 x 305 mm
	5-gang frame 96 x 376 mm

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)







IP44 FRAME SEALS FOR SIMON 54 PREMIUM AND SIMON 54 NATURE

	DU1 DUN1 NEW	Single IP44 frame seal Single IP44 seal for Nature frame
	DU2 DUN2 NEW	Double IP44 frame seal Double IP44 seal for Nature frame
	DU3 DUN3 NEW	Triple IP44 frame sealing set Triple IP44 seal for Nature frame
	DU4 DUN4 NEW	Quadruple IP44 frame seal Quadruple IP44 seal for Nature frame
	DU5 DUN5 NEW	5-gang IP44 frame seal 5-gang IP44 seal for Nature frame

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)

ACCESSORIES

	WKSL NEW	Bursts eliminator for energy saving bulbs and LEDs. Dedicated to equipment Contact-Simon
	DPRZ/..	Decorative frame
	DU1W	Sealing insert for double IP44 switches
	GL3Z/.. NEW	Blind for loudspeaker socket; DGL3.01/..
	XT100.KEY	Crimping tool for RJ45 computer socket inserts: D61.01/.., D61E.01/.., D62.01/.., D62E.01/.., BM 61.01/.., BM 61E.01/.., BM 62.01/.., BM 62E.01/.., 1591553-.., 1591563-.., 1591554-.., 1591564-..
	DUL	Blue LED illumination system for switches and push-buttons

FRAMES **Simon Basic**
NEOS



FRAMES **Simon Basic**
STANDARD



- 62 IP20 AND IP44 SWITCHES
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- 67 SOCKETS
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AND SIMON BASIC STANDARD
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KONTAKT simon

SIMON BASIC NEOS IS A COMBINATION OF ONE OF THE MOST FUNCTIONAL SERIES ON THE MARKET WITH MODERN DESIGN AND RICH COLOR PALETTE. COMBINING MODULES WITH FRAMES WE GET MODERN, SOFT AND ELEGANT PRODUCT. IN SIMON BASIC NEOS THERE IS 15 COLORS OF FRAMES AND 7 COLORS OF MODULES. WHITE SWITCHES AND SOCKETS SELECTED BY THE RESIDENT PERFECTLY FULFIELD ITS FUNCTION. IN SCANDINAVIAN STYLE APARTMENT MODERN ACCESSORIES OFTEN DETERMINATE THE DOMINANT COLOR OF THE INTERIOR.



KONTAKT simon

FUNCTIONALITY AND CLASSIC LOOK ARE MAIN CHARACTERISTICS OF BASIC MODULE SERIES WHICH WILL EVEN WORK IN UNUSUAL ARRANGEMENT. LIMITED, BUT ELEGANT COLOR PALETTE ALLOWS SUBTLE INCORPORATION OF SWITCHES AND SOCKETS IN PLACES LIKE APARTMENT, FLAT, LIVING ROOM OR OFFICE. SERIES INCLUDES A SINGLE FRAME AND MULTIPLE (UP TO 5-GANG), WHICH CAN BE MOUNTED EITHER HORIZONTALLY AND VERTICALLY. FUNCTIONALITY OF BASIC MODULE WAS IDEAL FOR OWNERS OF 300 YEARS OLD SERVANTS BUILDING CONVERTED IN TO SPACIOUS APARTMENT.



Simon Basic STANDARD



FRAMES **Simon Basic**
NEOS

FRAMES **Simon Basic**
STANDARD

Frame color: White
Module color: White



Frame color: Beige
Module color: Beige



Frame color: Inox steel
Module color: Inox steel



Frame color: Satin
Module color: Satin



Frame color: Silver matt
Module color: Silver matt



Frame color: Graphite matt
Module color: Graphite matt



Frame color: Chocolate
Module color: Chocolate



Frame color: Mint
Module color: White



Frame color: Ruby
Module color: White



Frame color: Sunny
Module color: White



Frame color: Lavender
Module color: White



Frame color: Lime
Module color: White



Frame color: Oak
Module color: Satin



Frame color: Mahogany
Module color: Silver matt



Silver lava
DRN1/74



Frame color: White
Module color: White



Frame color: Beige
Module color: Beige



Frame color: Inox steel
Module color: Inox steel



Frame color: Satin
Module color: Satin



Frame color: Inox steel
Module color: White



Frame color: Satin
Module color: White



Frame color: Inox steel
Module color: Graphite matt



Frame color: White
Module color: Silver matt



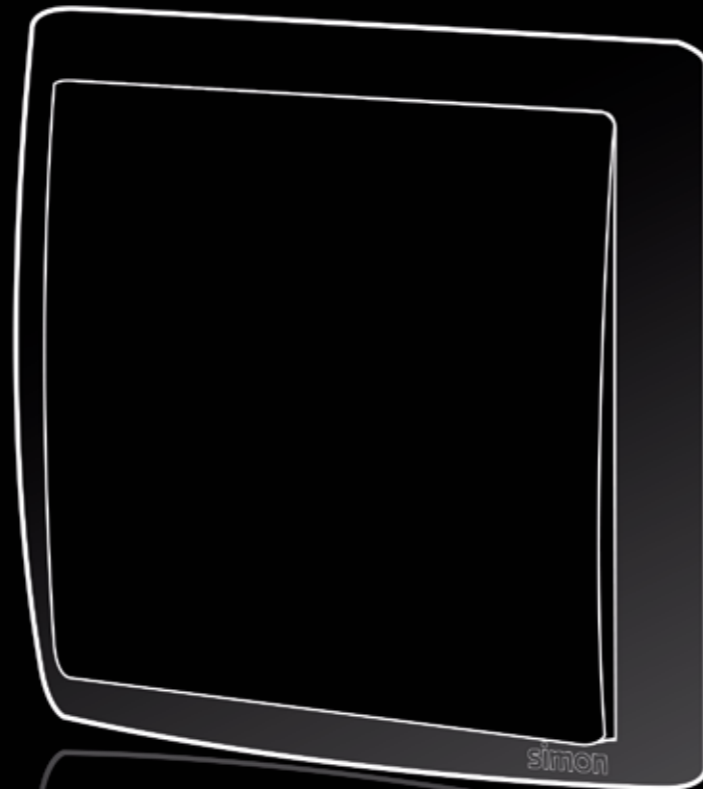
KONTAKT simon
**SWITCHES
 AND SOCKETS**
**TECHNICAL
 ADVANTAGES**



Safe sockets
 Protected against inserting objects other than the plug.



Multiple frames
 Can be used horizontally and vertically.



Modular double socket
 for multiple frames allow to create a set with 10 sockets in one 5-gang frame.



4 colors including two metallized
 white, beige, inox steel, satin.



Simon Basic Neos
 15 frame colors, 7 rocker/cover colors.

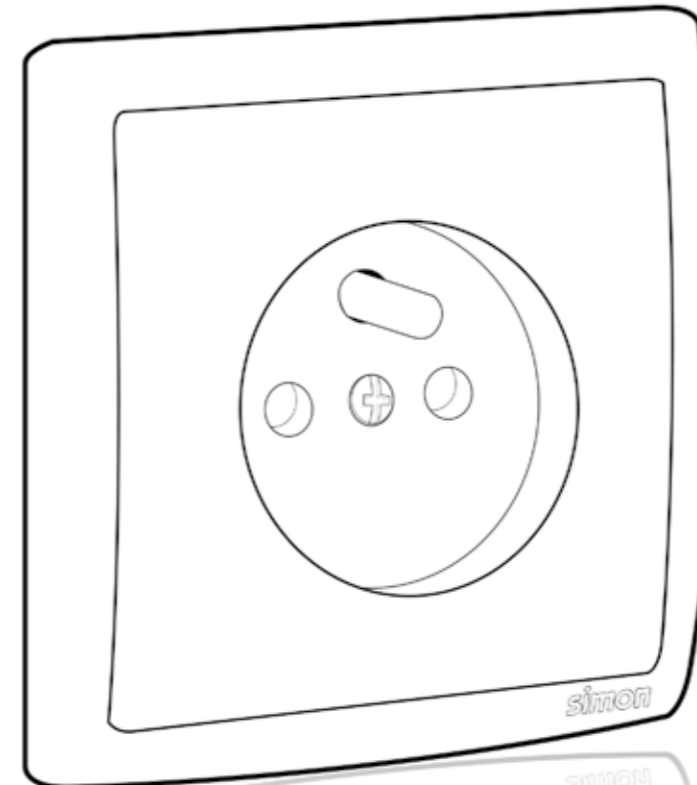
MODULES Simon Basic



Bridge base stripes
 help to keep the vertical and horizontal direction of multiple sets.



Metal mounting claws
 presses the frame to the bridge hiding imperfections in installation box and provide fast and reliable assembly.



Double socket
 fitted with shutters to minimize a risk of being electrocuted even with socket cover removed.



Simon Basic module K45
 This innovative series of electro-installation equipment allows expanding teletechnical installation. Elements with size 45 x 45, such as multimedia badges, switches or sockets used only in Simon Connect series, now can be integrated with Basic module series by means of special adaptor.

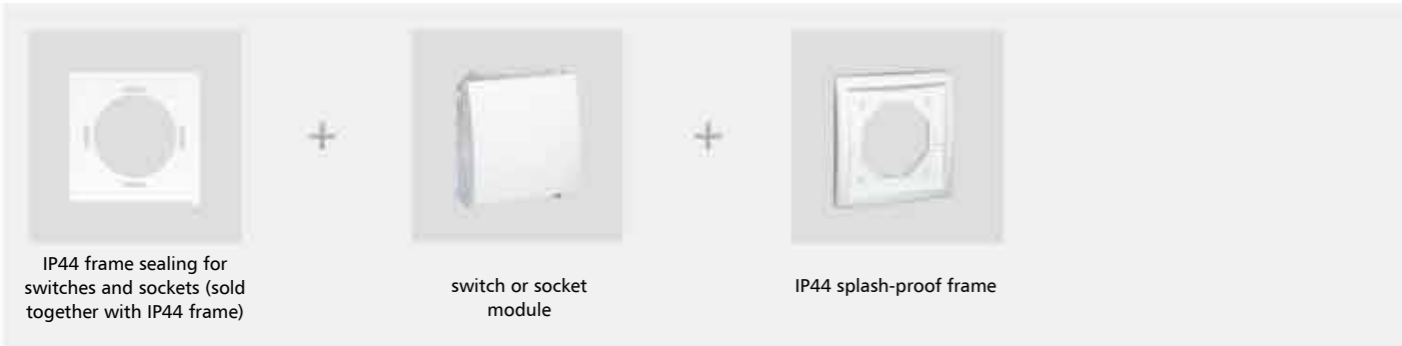
SWITCHES AND PUSH-BUTTONS



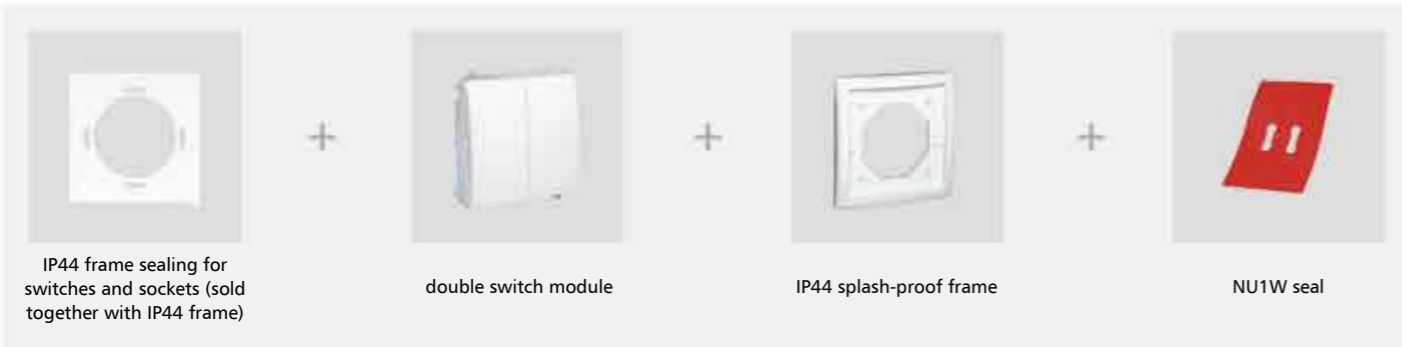
ILLUMINATED SWITCHES AND PUSH-BUTTONS



IP44 SINGLE SWITCHES AND PUSH BUTTONS (SPLASH PROOF)



IP44 DOUBLE SWITCHES AND PUSH BUTTONS (SPLASH PROOF)



SOCKETS



IP44 SOCKETS (SPLASH PROOF)



IT / TELEPHONE SOCKET OUTLETS



ELECTRONIC PRODUCTS



PRODUCTS MOUNTED IN THE SHALLOW SURFACE BOX




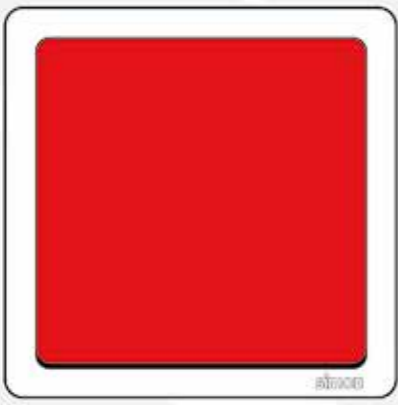





PRODUCTS MOUNTED IN THE DEEP SURFACE BOX PSC (2 PIECES IN 1 SET)



How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)




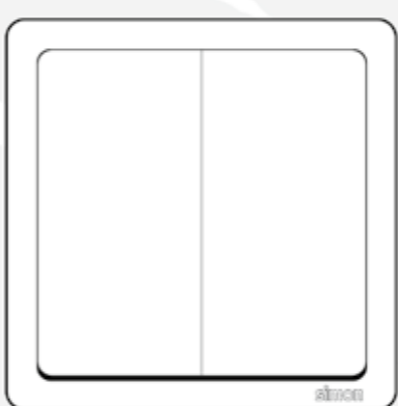
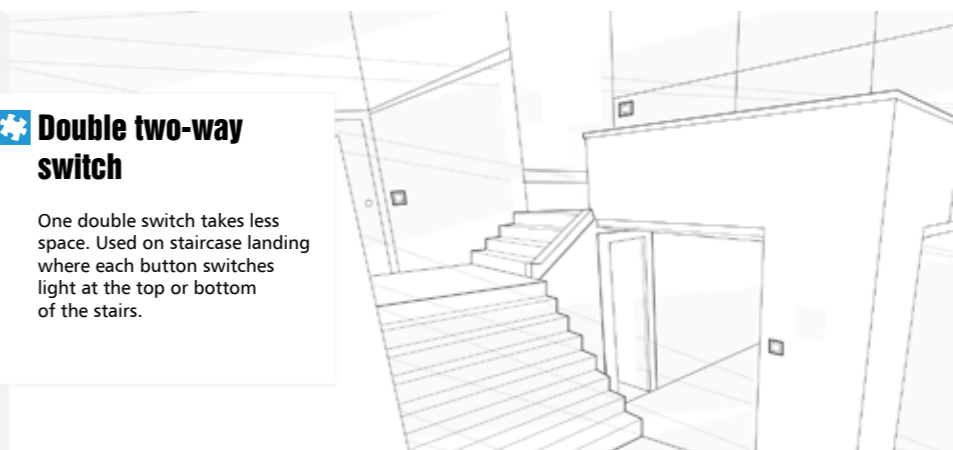


IP20 AND IP44* SWITCHES

	BMW1.01/..	Single pole switch (module), 10 AX, 250 V~, screw terminals	10
	BMW1A.01/..	Single pole switch (module), 16 AX, 250 V~, screw terminals	10
 <p>Single pole switch</p> <p>Switch or push button in red dedicated for alarm systems.</p> 			
	BMW1.01/22	Single pole switch (module), 10 AX, 250 V~, screw terminals, red	10
	BMW1L.01/..	Illuminated single pole switch (module), 10 AX, 250 V~, screw terminals	10
	BMW1ZL.01/..	Illuminated single pole switch (module), 10 AX, 250 V~, screw terminals	10
	BMW5.01/..	Two-circuit switch (module), 10 AX, 250 V~, screw terminals.**	10
	BMW5A.01/..	Two-circuit switch (module), 16 AX, 250 V~, screw terminals.**	10
	BMW5L.01/..	Illuminated two-circuit switch (module), 10 AX, 250 V~, screw terminals	10
	BMW5.01/22	Two-circuit switch (module), 10 AX, 250 V~, screw terminals, in red**	10
	NEW BMW5.01/33	Two-circuit switch (module), 10 AX, 250 V~, screw terminals, green**	10

* IP splash proofness after applying IP44 frames with seal (page 81-86).
 ** IP44 splash proofness after applying additional rocker sealing NU1W (see accessories, page 89).

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)

	BMW6.01/..	Two-way switch (module), 10 AX, 250 V~, screw terminals	10
	BMW6A.01/..	Two-way switch (module), 16 AX, 250 V~, screw terminals	10
	BMW6.01/22	Two-way switch (module), 10 AX, 250 V~, screw terminals, red	10
	BMW6L.01/..	Illuminated two-way switch (module), 10 AX, 250 V~, screw terminals	10
 <p>Double two-way switch</p> <p>One double switch takes less space. Used on staircase landing where each button switches light at the top or bottom of the stairs.</p> 			
	BMW6/2.01/..	Double two-way switch (module), 10 AX, 250 V~, screw terminals.**	10
	BMW6/2L.01/..	Illuminated double two-way switch (module), 10 AX, 250 V~, screw terminals	10
	BMW7.01/..	Intermediate switch (module), 10 AX, 250 V~, screw terminals	10

* IP splash proofness after applying IP44 frames with seal (page 81-86).
 ** IP44 splash proofness after applying additional rocker sealing NU1W (see accessories, page 89).

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How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour Packaging unit (pcs)

	BMW7L.01/..	Illuminated intermediate switch (module), 10 AX, 250 V~, screw terminals	10
	BMD1.01/..	Single "bell" push button (module), 10 AX, 250 V~, screw terminals	10
	BMD1A.01/..	Single "bell" push button (module), 16 AX, 250 V~, screw terminals	10
	BMD1L.01/..	Illuminated single "bell" push button (module), 10 AX, 250 V~, screw terminals	10
	BMS1.01/..	Single "light" push button (module), 10 AX, 250 V~, screw terminals	10
	BMS1A.01/..	Single "light" push button (module), 16 AX, 250 V~, screw terminals	10
	BMS1.01/22	Single "light" push button (module), 10 AX, 250 V~, screw terminals, red	10
	BMS1L.01/..	Illuminated single "light" push button (module), 10 AX, 250 V~, screw terminals	10
	BMS1L24V.01/.. NEW	Illuminated single "light" push button (module), 10 AX, 24 V, screw terminals	10
	BMP1.01/..	Single contact push button without pictogram (module) 10 AX, 250 V~, screw terminals	10

* IP splash proofness after applying IP44 frames with seal (page 81-86).
 ** IP44 splash proofness after applying additional rocker sealing NU1W (see accessories, page 89).


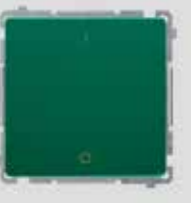

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour Packaging unit (pcs)

	BMP1L.01/..	Illuminated single contact push button without pictogram (module) 10 AX, 250 V~, screw terminals	10
	BMP2.01/..	Double, two-circuit push button (module) 10 AX, 250 V~, screw terminals.**	10
<p>Single break push button</p> <p>Used in systems with electromagnet to break the current connected all the time.</p>			
	BMPR1.01/..	Single, break push button without pictogram (module) 10 AX, 250 V~, screw terminals	10
	BMZ1.01/..	Roller blind push button (module), 10 AX, 250 V~, screw terminals.**	10
	BMWZ1.01/..	Roller blind switch (module), 10 AX, 250 V~, screw terminals.**	10
	BMW2.01/..	Double pole switch (module), 10 AX, 250 V~, screw terminals	10
	BMW2A.01/..	Double pole switch (module), 16 AX, 250 V~, screw terminals	10



* IP splash proofness after applying IP44 frames with seal (page 81-86).
 ** IP44 splash proofness after applying additional rocker sealing NU1W (see accessories, page 89).

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	BMW2.01/22	Double pole switch (module), 10 AX, 250 V~, screw terminals, red	10
	BMW2.01/33	Double pole switch (module), 10 AX, 250 V~, screw terminals, green	10
	BMW2L.01/..	Illuminated double pole switch (module), 10 AX, 250 V~, screw terminals	10

IP20 SWITCHES

	BMW1.02/..	Illuminated single hotel room switch, I _{max} 10(2) A. Assembly with screws	10
	BMW2.02/..	Illuminated double hotel room switch I _{max} 10(2) A. Assembly with screws	10
	BMW1K.01/..	Single pole switch with a key, 2 position "0-I", contact N/O, key removable in every position	20
	BMP1K.01/..	Single pole momentary switch with a key, 2 position "0-I", contact N/O, key removable only in "0" position	20
	BMWZK.01/..	Roller blind switch with a key, 3 position "I-0-II", 2 contacts N/O, key removable in every position	20
	BMPZK.01/..	Roller blind momentary switch with a key, 3 position "I-0-II", 2 contacts N/O, key removable only in "0" position	20










How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour Packaging unit (pcs)

SOCKETS





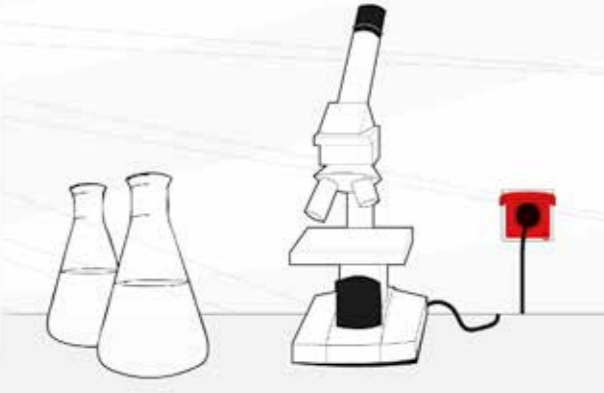


	BMGZ2M.01/..	Double socket outlet with earthing (module), Σ16 A, 250 V~, screw terminals	10
	BMGZ2Mz.01/..	Double socket outlet with earthing and shutters (module), Σ16 A, 250 V~, screw terminals	10
	BMG2M.01/..	Double socket outlet without earthing (module), Σ16 A, 250 V~, screw terminals	10
	BMG2Mz.01/..	Double socket outlet without earthing, with shutters (module), Σ16 A, 250 V~, screw terminals	10
	BMGZ2/.. NEW	Double socket outlet with earthing (complete), Σ16 A, 250 V~, screw terminals ! Not suitable for multiple frames	10
	BMGZ2z/.. NEW	Double socket outlet with earthing and shutters (complete), Σ16 A, 250 V~, screw terminals ! Not suitable for multiple frames	10
	BMG2/.. NEW	Double socket outlet without earthing (complete), Σ16 A, 250 V~, screw terminals ! Not suitable for multiple frames	10
	BMG2z/.. NEW	Double socket outlet without earthing, with shutters (complete), Σ16 A, 250 V~, screw terminals ! Not suitable for multiple frames	10
	BMGZ1.01/..	Socket outlet with earthing (module), 16 A, 250 V~, screw terminals	10
	BMGZ1z.01/..	Socket outlet with earthing, with shutters (module), 16 A, 250 V~, screw terminals	10
	BMGZ1c.01/..	Socket outlet with earthing (module), 16 A, 250 V~, push-in fittings	10
	BMGZ1cz.01/..	Single socket outlet without earthing, with shutters, (module), 16 A, 250 V~, push-in fittings	10
	BMGZD.01/22	Socket outlet with earthing (module), 16 A, 250 V~, screw terminals, red	10
	BMGZ1z.01/22	Socket outlet with earthing, with shutters (module), 16 A, 250 V~, screw terminals, red	10

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	BMGZ1z.01/33	Socket outlet with earthing, with shutters (module) 16 A, 250 V~, screw terminals, green	10
	BMG1.01/..	Socket outlet without earthing (module), 16 A, 250 V~, screw terminals	10
	BMG1z.01/..	Socket outlet without earthing, with shutters (module), 16 A, 250 V~, screw terminals	10
	BMGZ1B.01/..	IP44 splash-proof socket outlet with earthing, (module) 16A, 250 V~, screw terminals White or beige flap IP44 class only with frames: 1. splash-proof frames with seal: BMR1B/.., BMR2B/.., BMR3B/.. or 2. BWR1/.., BMR2/.., BMR3/.., BMR4/.., BMR5/.. + additional frame seal respectively: NU1, NU2, NU3, NU4, NU5	10
	BMGZ1Bz.01/..	IP44 splash-proof socket outlet with earthing, with shutters (module), 16A, 250 V~, screw terminals. White or beige flap IP44 class only with frames: 1. splash-proof frames with seal: BMR1B/.., BMR2B/.., BMR3B/.. or 2. BWR1/.., BMR2/.., BMR3/.., BMR4/.., BMR5/.. + additional frame seal respectively: NU1, NU2, NU3, NU4, NU5	10
	BMGZ1B.01/..a	IP44 splash-proof socket outlet with earthing, (module) 16A, 250 V~, screw terminals Transparent flap IP44 class only with frames: 1. splash-proof frames with seal: BMR1B/.., BMR2B/.., BMR3B/.. or 2. BWR1/.., BMR2/.., BMR3/.., BMR4/.., BMR5/.. + additional frame seal respectively: NU1, NU2, NU3, NU4, NU5	10
	BMGZ1Bz.01/..a	IP44 splash-proof socket outlet with earthing, with shutters (module), 16A, 250 V~, screw terminals. Transparent flap IP44 class only with frames: 1. splash-proof frames with seal: BMR1B/.., BMR2B/.., BMR3B/.. or 2. BWR1/.., BMR2/.., BMR3/.., BMR4/.., BMR5/.. + additional frame seal respectively: NU1, NU2, NU3, NU4, NU5	10
	BMGZ1Bz.01/22a	IP44 splash-proof socket outlet with earthing, with shutters (module), 16A, 250 V~, screw terminals, red. Transparent flap IP44 class only with frames: 1. splash-proof frames with seal: BMR1B/.., BMR2B/.., BMR3B/.. or 2. BWR1/.., BMR2/.., BMR3/.., BMR4/.., BMR5/.. + additional frame seal respectively: NU1, NU2, NU3, NU4, NU5	10
	BMGZ1Bz.01/33a	IP44 splash-proof socket outlet with earthing, with shutters (module), 16A, 250 V~, screw terminals, green. Transparent flap IP44 class only with frames: 1. splash-proof frames with seal: BMR1B/.., BMR2B/.., BMR3B/.. or 2. BWR1/.., BMR2/.., BMR3/.., BMR4/.., BMR5/.. + additional frame seal respectively: NU1, NU2, NU3, NU4, NU5	10

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour Packaging unit (pcs)





	BMGD1.01/..	DATA socket outlet with earthing and socket protection element (module), 16 A, 250 V~, screw terminals	10
	BMGD1.01/22	DATA socket outlet with earthing and socket protection element (module), 16 A, 250 V~, screw terminals, red	10
	BMGD1.01/33	DATA socket outlet with earthing and socket protection element (module), 16 A, 250 V~, screw terminals, green	10
 <p>DATA socket</p> <p>Red DATA socket for separated circuits to plug only an authorized devices.</p> 			
	BMGD1B.01/22 NEW	IP44 DATA socket outlet with earthing and socket protection element (module), 16 A, 250 V~, screw terminals, red. DATA symbol on flap IP44 class only with frames: 1. splash-proof frames with seal: BMR1B/.., BMR2B/.., BMR3B/.. or 2. BWR1/.., BMR2/.., BMR3/.., BMR4/.., BMR5/.. + additional frame seal respectively: NU1, NU2, NU3, NU4, NU5	10
	BMGE.02/..	Equipotential socket (module), screw terminals	10

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How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour Packaging unit (pcs)

	BMGSz1.01/.. BMGSz1z.01/..	Socket outlet with Schuko earthing (module), 16 A, 250 V~, screw terminals Socket outlet with Schuko earthing, with shutters (module), 16 A, 250 V~, screw terminals	10 10
	BGSZ2/.. BGSZ2Z/..	Double socket outlet with Schuko earthing (complete), 16 A, 250 V~, screw terminals Not suitable for multiple frames Double socket outlet with Schuko earthing, with shutters (complete), 16 A, 250 V~, screw terminals Not suitable for multiple frames	10 10

AERIAL, LOUDSPEAKER AND HDMI SOCKETS

	BMZAR1/1.01/.. BMZAPxx/1.01/.. BMZAK10/1.01/..	R-TV final aerial socket, separated (module), attenuation TV- 1.0 dB, R-1.5 dB R-TV pass-through aerial socket, (module), attenuation xx = 10, 14, 16, 18, 20, 23 dB R-TV final aerial socket for pass-through sockets (module), attenuation TV-10 dB, R-11 dB	10 10 10
	BMZAR-SAT1.3/1.01/.. BMZAR-SAT10/P.01/..	R-TV-SAT final aerial socket (module) attenuation: SAT, TV and R-1.5 dB. Can be use as pass-through socket R-TV-SAT pass-through aerial socket (module) attenuation: SAT-8 dB, TV-10 dB, R-12 dB	10 10
	BMZAR+SAT3.1-P2.01/..	Double final SAT-SAT-RTV aerial socket (module), attenuation: SAT-0.5 dB, SAT2-1.5 dB, RTV-0.5 dB. input frequency SAT: 5-2400 MHz; RTV: 5-862 MHz	10
	BMAD.01/..	R-TV-DATA socket (module), attenuation: DATA-3dB, TV-10dB, R-14dB, input frequency 5-862 MHz	10

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour Packaging unit (pcs)





	BMAK3.01/..	Single final aerial socket, (module) - replacing BMAK1.01	10
	BMAD1.01/..	DATA-TV aerial socket (module), two outputs type "F", attenuation: DATA-4 dB, TV-5 dB, input frequency 5-1000 MHz	10
	BMAF1.01/11 NEW	Single aerial socket (module), type „F“	10
	BMAF2.01/11 NEW	Double aerial socket (module), type „F“	10
	BMAFRJ45.01/11 NEW	Aerial socket type „F“ + RJ45 socket cat.6 (module)	10
	BMGL31.01/..	Single loudspeaker socket (module). Input and output wire up to 2,5 mm². Assembly with screws and claws	10

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How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

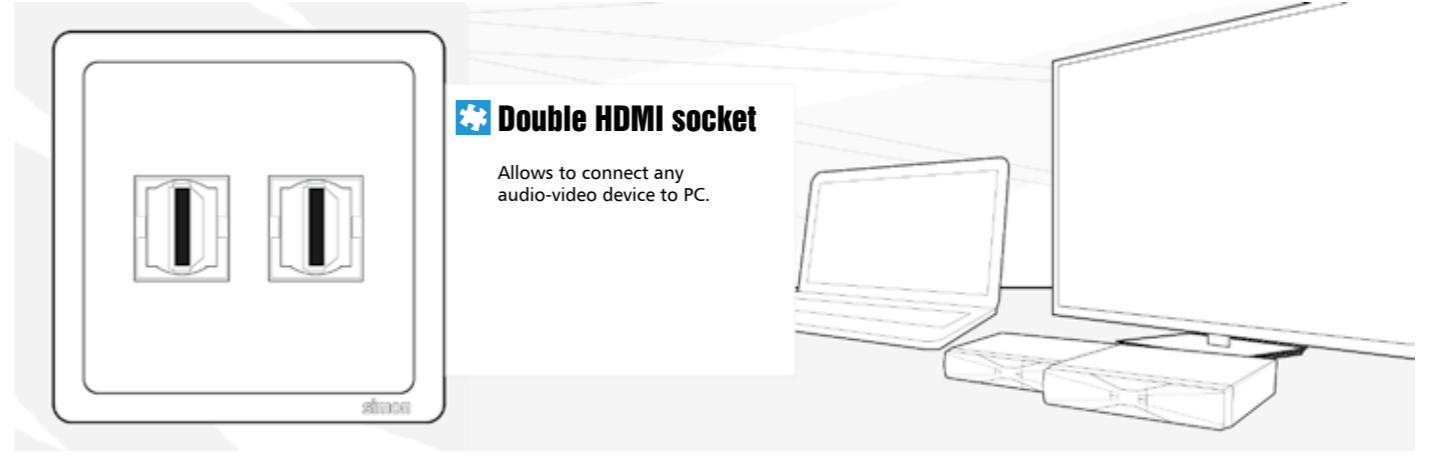
Packaging unit (pcs)






	BMGL3.01/..	Double loudspeaker socket (module). Input and output wire up to 2,5 mm ² . Assembly with screws and claws	10
	BMGL34.01/.. NEW	Quadruple loudspeaker socket (module). Input and output wire up to 2,5 mm ² . Assembly with screws and claws	10
	BMGL2.02/..	Single loudspeaker socket (module), output wire up to 6 mm ² , assembly only with screws	10
	BMGLP2.02/..	Double loudspeaker socket (module), assembly with screws and claws * Limited stock	10



How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)



	BMGHDMI.01/..	Single HDMI socket (module)	
	BMGHDMI2.01/..	Double HDMI socket (module)	
	BMGHRJ45.01/.. NEW	HDMI socket + RJ45 socket cat.6. (module)	

IT / TELEPHONE SOCKETS

	BMTU.01/..	RJ11 single universal telephone socket (module), assembly with screws and claws	10
	BMTO.01/..	RJ11 telephone socket with surge protection (module)	10
	BMTF1.02/..	RJ11 telephone socket (module), assembly with screws	10







How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)





	BMTF2.02/..	RJ11 double telephone socket (module), assembly with screws	10
	BMT1.02/..	RJ12 telephone socket (module) assembly with screws	10
	BMT2.02/..	RJ12 double telephone socket, assembly with screws	10
	BMF51.02/..	RJ45 single computer socket (module) cat. 5e, assembly with screws	10
	BMF52.02/..	RJ45 double computer socket (module) cat. 5e, assembly with screws	10
	BMF5T.02/..	RJ45 computer socket cat. 5e + RJ11 telephone socket (module), assembly with screws	10
	BM5T.02/.. <small>NEW</small>	RJ45 computer socket cat. 5e + RJ12 telephone socket (module), assembly with screws	10
	BM61.01/.. <small>NEW</small>	RJ45 single computer socket cat. 6, with antidust cover (module) Assembly with screws and claws	10

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour



Packaging unit (pcs)

	BM61E.01/.. <small>NEW</small>	RJ45 single computer socket cat. 6 (shielded), with antidust cover (module) Assembly with screws and claws	10
	BM62.01/.. <small>NEW</small>	RJ45 double computer socket cat. 6, with antidust cover (module) Assembly with screws and claws	10
 <p>IT socket RJ45 With anti-dust covers to protect socket contacts.</p>			
	BM62E.01/.. <small>NEW</small>	RJ45 double computer socket cat. 6 (shielded), with antidust cover (module) Assembly with screws and claws	10
	BMPT/..	Double flat IT/telephone socket cover, Keystone, assembly with screws or claws Dedicated RJ45 inserts below	10
	BMGK1P/..	Double flat IT/telephone socket cover, Keystone, assembly with screws Dedicated RJ45 inserts below	10

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour Packaging unit (pcs)





	BMGKS2P.01/..	Double angled cover for IT/Telephone socket with descriptive field, Keystone Assembly with screws or claws ■ Dedicated RJ45 inserts below	10
	BMGKS2P/..	Double angled cover for IT/Telephone socket with descriptive field, Keystone Assembly with screws or claws ■ Dedicated RJ45 inserts below	10
	BMGPS2P.02/.. NEW	Double angled cover for Telephone RJ12 type Pendult sockets with descriptive field Assembly with screws or claws	
	BWB/..	Cap for computer and telephone socket hole	50

TELEPHONE SOCKET INSERTS


	RJ11	RJ11 telephone socket insert ■ In BMPT cover - set claws in vertical position	100
	RJ12	RJ12 telephone socket insert, Leviton	100

IT SOCKET INSERTS




Category 5e – UTP (unshielded)

	CJ545U	RJ45 computer socket insert, cat. 5e UTP, Simon Connect	
	ARJ455e	RJ45 computer socket insert cat. 5e UTP, AMP	
	KRJ455e	RJ45 computer socket insert cat. 5e UTP, Krone type HK ■ In BMPT cover - set claws in vertical position	
	LRJ455e	RJ45 computer socket insert cat. 5e UTP, Leviton	






How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour Packaging unit (pcs)

	MRJ455e	RJ45 computer socket insert, cat. 5e UTP, Molex
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Category 5e – FTP/STP (shielded)

	CJ545FM	RJ45 computer socket insert cat. 5e UTP, AMP ■ In BMPT cover - set claws in vertical position
	KRJ455ekr	RJ45 computer socket insert, cat. 5e STP, Krone type HK ■ In BMPT cover - set claws in vertical position
	LRJ455ekr	RJ45 computer socket insert, cat. 5e STP, Leviton

Category 6 – UTP (unshielded)

	CJ645U	RJ45 computer socket insert, cat. 6 UTP, Simon Connect
	ARJ456	RJ45 computer socket insert, cat. 6 UTP, AMP
	KRJ456	RJ45 computer socket insert cat. 6 UTP, Krone, type KM8 ■ In BMPT cover - set claws in vertical position
	LRJ456	RJ45 computer socket insert cat. 6 UTP, Leviton
	MRJ456	RJ45 computer socket insert, cat.6 UTP, Molex

Category 6 – FTP/STP (shielded)

	CJ645FM	RJ45 computer socket insert cat. 6 FTP, Simon Connect ■ In BMPT cover - set claws in vertical position
	KRJ456kr	RJ45 computer socket insert cat. 6 STP, Krone, type KM8 ■ In BMPT cover - set claws in vertical position
	LRJ456kr	RJ45 computer socket insert, cat. 6 STP, Leviton

Simon 34
Simon Basic
Simon Classic
Simon 15
Simon 27 Play
Simon Akord
Simon Aquarius
Technical information



How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)


Category 6a – UTP (unshielded)

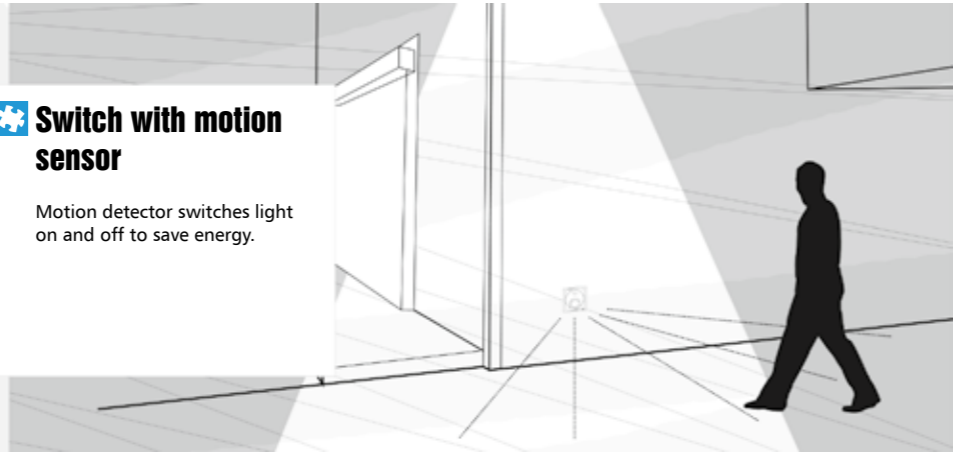
	LRJ456A	RJ45 computer socket insert, cat. 6a UTP, Leviton
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Category 6a – FTP/STP (shielded)

	FRJ456Aekr	RJ45 computer socket insert, cat. 6a STP, FMT
	LRJ456Aekr	RJ45 computer socket insert, cat. 6a STP, Leviton


ELECTRONIC PRODUCTS

	BMS9T.01/..	Rotary-push dimmer (module), 20-500 W, 230V~	10
	BMS9V.01/..	Regulator 1-10 V~ (module), for switching on and controlling light with control feeders 1-10 V~	10







Switch with motion sensor

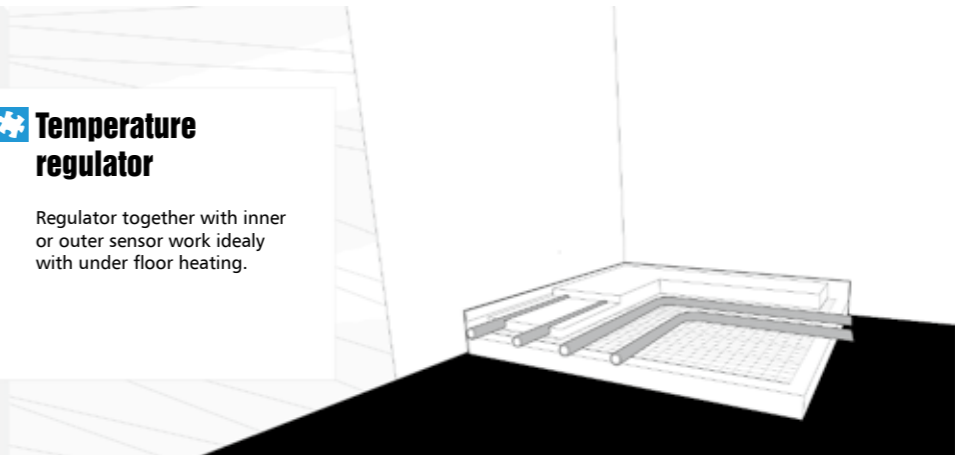
Motion detector switches light on and off to save energy.

	BMCR10P.01/..	Motion sensor switch with rely (module) 8 (2) A, 230 V~ 3-wire installation required	10
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How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour


Packaging unit (pcs)

	BMCR10T.01/..	Motion sensor switch with rely (module) 20-500 W	10
	BMCR11P.01/..	Motion sensor switch with rely protected agains unauthorised access (module), 8 (2) A, 230 V~ Dedicated for public buildings 3-wire installation required	10
	BMCR11T.01/..	Motion sensor switch with rely protected agains unauthorised access (module), 20-500 W Dedicated for public buildings	10
	BMRT10W.02/..	Temperature regulator with outer sensor (module), 16 A, 230 V~ Assembly with screws	10




Temperature regulator

Regulator together with inner or outer sensor work idealy with under floor heating.






	BMRT10Z.02/..	Temperature regulator with outer sensor (module) 16 A, 230 V~, outer sensor (sounder) code NTC-03 not included. Assembly with screws	10
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Simon 34
Simon Basic
Simon Classic
Simon 15
Simon 27 Play
Simon Akord
Simon Aquarius
Technical information



How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour Packaging unit (pcs)

	NTC-03	Outer sensor for MRT10Z/.. on 3mtr wire	15
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OTHER PRODUCTS




	BMA45/..	Adapter for moduls 45x45mm, assembly with screws	10
	BMA45M/..	Adapter for moduls 45x45mm, assembly with screws	10
	BMPS.01/..	Frame blind (module). Assembly with screws or claws	10
	BMP/..	Frame blind - assembly with latches to the frame	10
	BMKW1/22	Single red rocker	10
	BMKW1/33 <small>NEW</small>	Single green rocker	10

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour Packaging unit (pcs)

	BMKW1L/22	Single red rocker with an eye for illuminated switches and push buttons	10
	BMKW1L/33	Single green rocker with an eye for illuminated switches and push buttons	10
	BMKWK1/..	Single push button with "key" symbol	10


SIMON BASIC NEOS FRAMES


Classic line

	WHITE		
	BMRC1/11	Single Neos frame IP20	40
	BMRC1B/11	Single Neos frame IP44 with seal	20
	BMRC2/11	Double Neos frame IP20	25
	BMRC2B/11	Double Neos frame IP44 with seal	10
	BMRC3/11	Triple Neos frame IP20	20
	BMRC4/11	Quadruple Neos frame IP20	20
	BMRC5/11	5-gang Neos frame IP20	20
	BEIGE		
	BMRC1/12	Single Neos frame IP20	40
	BMRC1B/12	Single Neos frame IP44 with seal	20
	BMRC2/12	Double Neos frame IP20	25
	BMRC2B/12	Double Neos frame IP44 with seal	10
	BMRC3/12	Triple Neos frame IP20	20
	BMRC4/12	Quadruple Neos frame IP20	20
	BMRC5/12	5-gang Neos frame IP20	20


How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour


Packaging unit (pcs)

GRAPHITE MATT		
	BMRC1/28	Single Neos frame IP20 40
	BMRC1B/28	Single Neos frame IP44 with seal 20
	BMRC2/28	Double Neos frame IP20 25
	BMRC2B/28	Double Neos frame IP44 with seal 10
	BMRC3/28	Triple Neos frame IP20 20
	BMRC4/28	Quadruple Neos frame IP20 20
	BMRC5/28	5-gang Neos frame IP20 20

CHOCOLATE		
	BMRC1/47	Single Neos frame IP20 40
	BMRC1B/47	Single Neos frame IP44 with seal 20
	BMRC2/47	Double Neos frame IP20 25
	BMRC2B/47	Double Neos frame IP44 with seal 10
	BMRC3/47	Triple Neos frame IP20 20
	BMRC4/47	Quadruple Neos frame IP20 20
	BMRC5/47	5-gang Neos frame IP20 20


Metallized line

INOX STEEL		
	BMRC1/21	Single Neos frame IP20 40
	BMRC1B/21	Single Neos frame IP44 with seal 20
	BMRC2/21	Double Neos frame IP20 25
	BMRC2B/21	Double Neos frame IP44 with seal 10
	BMRC3/21	Triple Neos frame IP20 20
	BMRC4/21	Quadruple Neos frame IP20 20
	BMRC5/21	5-gang Neos frame IP20 20


SATIN		
	BMRC1/29	Single Neos frame IP20 40
	BMRC1B/29	Single Neos frame IP44 with seal 20
	BMRC2/29	Double Neos frame IP20 25
	BMRC2B/29	Double Neos frame IP44 with seal 10
	BMRC3/29	Triple Neos frame IP20 20
	BMRC4/29	Quadruple Neos frame IP20 20
	BMRC5/29	5-gang Neos frame IP20 20


How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour


Packaging unit (pcs)

SILVER MATT		
	BMRC1/43	Single Neos frame IP20 40
	BMRC1B/43	Single Neos frame IP44 with seal 20
	BMRC2/43	Double Neos frame IP20 25
	BMRC2B/43	Double Neos frame IP44 with seal 10
	BMRC3/43	Triple Neos frame IP20 20
	BMRC4/43	Quadruple Neos frame IP20 20
	BMRC5/43	5-gang Neos frame IP20 20

Decorative line

MAHOGANY		
	BMRC1/050	Single Neos frame IP20 40
	BMRC1B/050	Single Neos frame IP44 with seal 20
	BMRC2/050	Double Neos frame IP20 25
	BMRC2B/050	Double Neos frame IP44 with seal 10
	BMRC3/050	Triple Neos frame IP20 20
	BMRC4/050	Quadruple Neos frame IP20 20
	BMRC5/050	5-gang Neos frame IP20 20





OAK		
	BMRC1/051	Single Neos frame IP20 40
	BMRC1B/051	Single Neos frame IP44 with seal 20
	BMRC2/051	Double Neos frame IP20 25
	BMRC2B/051	Double Neos frame IP44 with seal 10
	BMRC3/051	Triple Neos frame IP20 20
	BMRC4/051	Quadruple Neos frame IP20 20
	BMRC5/051	5-gang Neos frame IP20 20

TITANIUM		
	BMRC1/052	Single Neos frame IP20 40
	BMRC1B/052	Single Neos frame IP44 with seal 20
	BMRC2/052	Double Neos frame IP20 25
	BMRC2B/052	Double Neos frame IP44 with seal 10
	BMRC3/052	Triple Neos frame IP20 20
	BMRC4/052	Quadruple Neos frame IP20 20
	BMRC5/052	5-gang Neos frame IP20 20

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

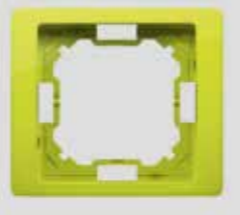
Packaging unit (pcs)

Color line

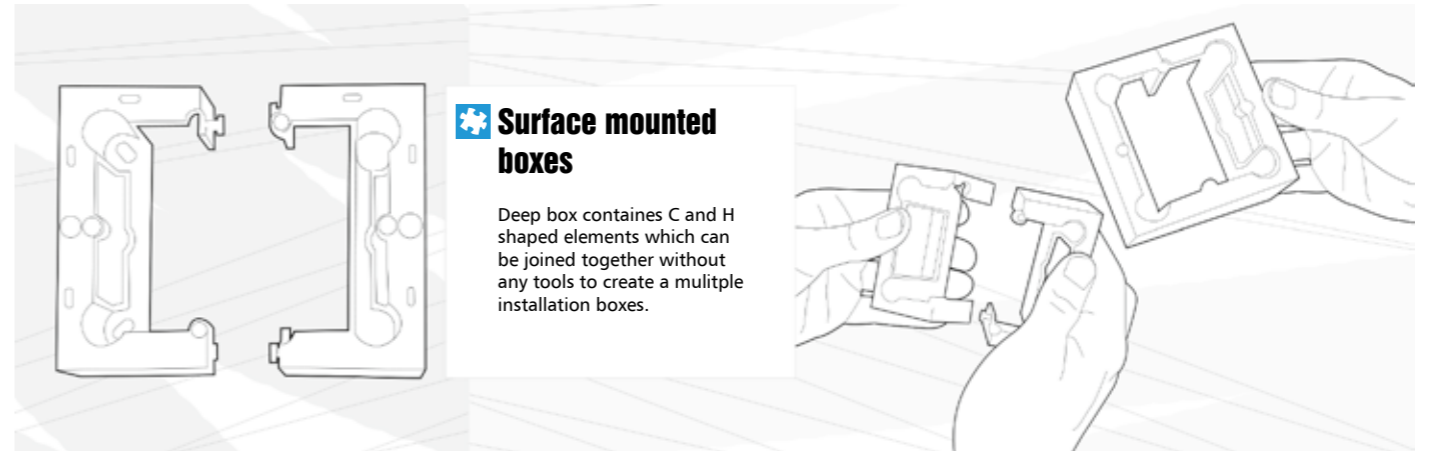
	BMRC1/032	MINT	Single Neos frame IP20	40
	BMRC1B/032	Single Neos frame IP44 with seal	20	
	BMRC2/032	Double Neos frame IP20	25	
	BMRC2B/032	Double Neos frame IP44 with seal	10	
	BMRC3/032	Triple Neos frame IP20	20	
	BMRC4/032	Quadruple Neos frame IP20	20	
	BMRC5/032	5-gang Neos frame IP20	20	
	BMRC1/033	RUBY	Single Neos frame IP20	40
	BMRC1B/033	Single Neos frame IP44 with seal	20	
	BMRC2/033	Double Neos frame IP20	25	
	BMRC2B/033	Double Neos frame IP44 with seal	10	
	BMRC3/033	Triple Neos frame IP20	20	
	BMRC4/033	Quadruple Neos frame IP20	20	
	BMRC5/033	5-gang Neos frame IP20	20	
	BMRC1/034	SUNNY	Single Neos frame IP20	40
	BMRC1B/034	Single Neos frame IP44 with seal	20	
	BMRC2/034	Double Neos frame IP20	25	
	BMRC2B/034	Double Neos frame IP44 with seal	10	
	BMRC3/034	Triple Neos frame IP20	20	
	BMRC4/034	Quadruple Neos frame IP20	20	
	BMRC5/034	5-gang Neos frame IP20	20	
	BMRC1/035	LAVENDER	Single Neos frame IP20	40
	BMRC1B/035	Single Neos frame IP44 with seal	20	
	BMRC2/035	Double Neos frame IP20	25	
	BMRC2B/035	Double Neos frame IP44 with seal	10	
	BMRC3/035	Triple Neos frame IP20	20	
	BMRC4/035	Quadruple Neos frame IP20	20	
	BMRC5/035	5-gang Neos frame IP20	20	

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)

	BMRC1/036	LIME	Single Neos frame IP20	40
	BMRC1B/036	Single Neos frame IP44 with seal	20	
	BMRC2/036	Double Neos frame IP20	25	
	BMRC2B/036	Double Neos frame IP44 with seal	10	
	BMRC3/036	Triple Neos frame IP20	20	
	BMRC4/036	Quadruple Neos frame IP20	20	
	BMRC5/036	5-gang Neos frame IP20	20	

Surface mounted boxes for Simon Basic Neos frames





	PSCS/.. NEW	Single surface mounted box deep (40 mm) for assembly (1 PSC = 2 pcs)	10
AVAILABLE IN COLORS: 11 12 21 28 29 43 47			
	PSH/.. NEW	Surface mounted box deep (40 mm) – "H" element for multiple frames	10
AVAILABLE IN COLORS: 11 12 21 28 29 43 47			

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)

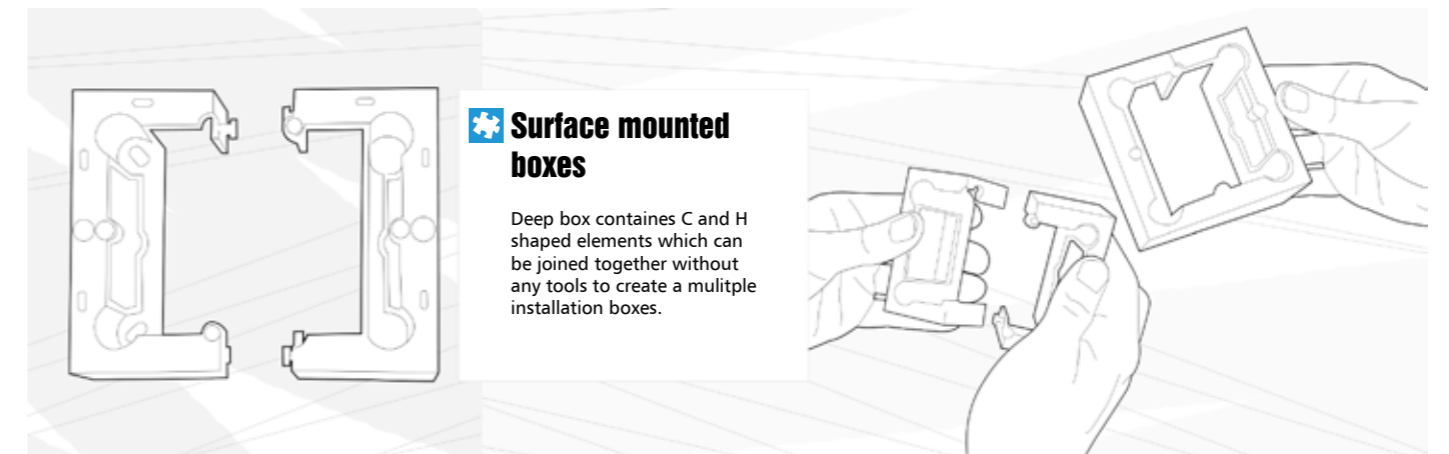
SIMON BASIC STANDARD FRAMES






WHITE		
	BMR1/11	Single Standard frame IP20 40
	BMR1B/11	Single Standard frame IP44 with seal 20
	BMR2/11	Double Standard frame IP20 25
	BMR2B/11	Double Standard frame IP44 with seal 10
	BMR3/11	Triple Standard frame IP20 20
	BMR3B/11	Triple Standard frame IP44 with seal 10
	BMR4/11	Quadruple Standard frame IP20 20
	BMR5/11	5-gang Standard frame IP20 20
BEIGE		
	BMR1/12	Single Standard frame IP20 40
	BMR1B/12	Single Standard frame IP44 with seal 20
	BMR2/12	Double Standard frame IP20 25
	BMR2B/12	Double Standard frame IP44 with seal 10
	BMR3/12	Triple Standard frame IP20 20
	BMR3B/12	Triple Standard frame IP44 with seal 10
	BMR4/12	Quadruple Standard frame IP20 20
	BMR5/12	5-gang Standard frame IP20 20
INOX STEEL		
	BMR1/21	Single Standard frame IP20 40
	BMR1B/21	Single Standard frame IP44 with seal 20
	BMR2/21	Double Standard frame IP20 25
	BMR2B/21	Double Standard frame IP44 with seal 10
	BMR3/21	Triple Standard frame IP20 20
	BMR3B/21	Triple Standard frame IP44 with seal 10
	BMR4/21	Quadruple Standard frame IP20 20
	BMR5/21	5-gang Standard frame IP20 20
SATIN		
	BMR1/29	Single Standard frame IP20 40
	BMR1B/29	Single Standard frame IP44 with seal 20
	BMR2/29	Double Standard frame IP20 25
	BMR2B/29	Double Standard frame IP44 with seal 10
	BMR3/29	Triple Standard frame IP20 20
	BMR3B/29	Triple Standard frame IP44 with seal 10
	BMR4/29	Quadruple Standard frame IP20 20
	BMR5/29	5-gang Standard frame IP20 20

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)

Surface mounted boxes for Simon Basic Standard frames








	PSC/.. NEW	Single surface mounted box deep (40 mm) for assembly (1 PSC = 2 pcs) AVAILABLE IN COLORS: 11 12 21 29	10
	PSH/.. NEW	Surface mounted box deep (40 mm) - "H" element for multiple frames AVAILABLE IN COLORS: 11 12 21 29	10
	MPN1/..	Single surface mounted box shallow (31 mm) AVAILABLE IN COLORS: 11 12 21 29	20
	MPN2/..	Double surface mounted box shallow (31 mm) AVAILABLE IN COLORS: 11 12 21 29	10
	MPN3/..	Triple surface mounted box shallow (31 mm) AVAILABLE IN COLORS: 11 12 21 29	6

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)




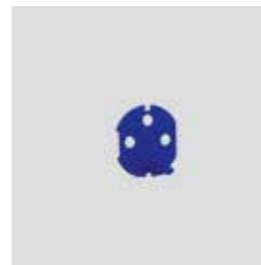
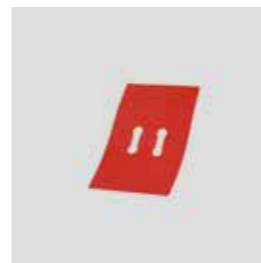
IP44 FRAME SEALS FOR SIMON BASIC NEOS AND SIMON BASIC STANDARD

	NUC1 NU1	Single frame seal for Neos frame IP44 splash-proof class only with socket BMGZ1B and BMGD1B.01/22 Single frame seal for Standard frame IP44 splash-proof class only with socket BMGZ1B and BMGD1B.01/22	15
	NUC2 NU2	Double frame seal for Neos frame IP44 splash-proof class only with socket BMGZ1B and BMGD1B.01/22 Double frame seal for Standard frame IP44 splash-proof class only with socket BMGZ1B and BMGD1B.01/22	10
	NUC3 NU3	Triple frame seal for Neos frame IP44 splash-proof class only with socket BMGZ1B and BMGD1B.01/22 Triple frame seal for Standard frame IP44 splash-proof class only with socket BMGZ1B and BMGD1B.01/22	10
	NUC4 NU4	Quadruple frame seal for Neos frame IP44 splash-proof class only with socket BMGZ1B and BMGD1B.01/22 Quadruple frame seal for Standard frame IP44 splash-proof class only with socket BMGZ1B and BMGD1B.01/22	10
	NUC5 NU5	5-gang frame seal for Neos frame IP44 splash-proof class only with socket BMGZ1B and BMGD1B.01/22 5-gang frame seal for Standard frame IP44 splash-proof class only with socket BMGZ1B and BMGD1B.01/22	10

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)

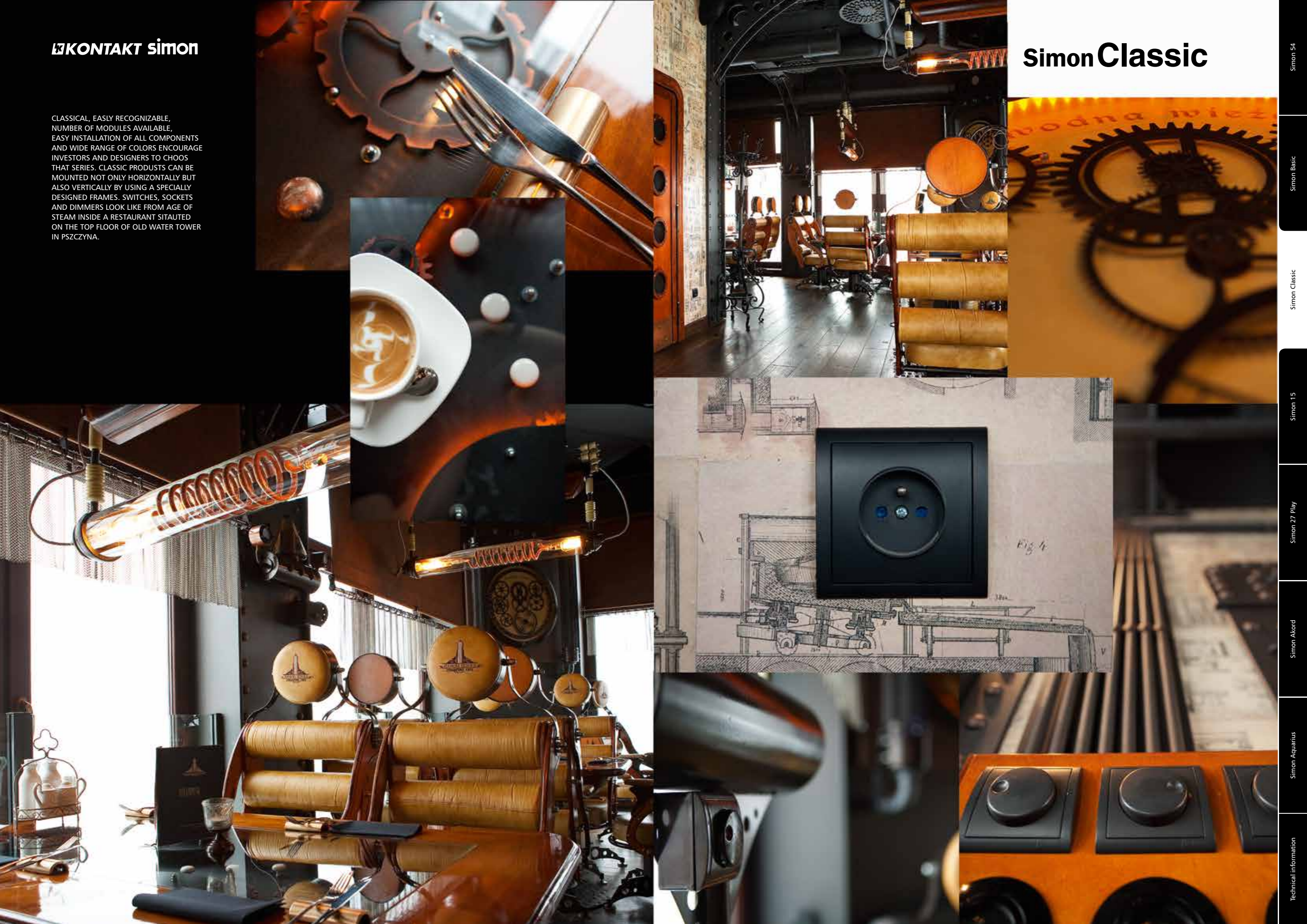
ACCESSORIES

	WKSL	Bursts eliminator for energy saving bulbs and LEDs. Dedicated to equipment Contact-Simon
	00965591PEHA	Equipotential plug, sold separately
	GL3	Additional inserts for loudspeaker socket BMGL3.01 (set of 2)
	KGD1	Plug protection element for DATA socket
	NU1W	Sealing insert for double IP44 switches



- 100 SWITCHES AND BUTTONS
- 102 SOCKETS
- 105 TV AND LOUDSPEAKER SOCKETS
- 106 IT / TELEPHONE SOCKETS
- 107 INSERTS FOR TELEPHONE SOCKETS
- 107 INSERTS FOR IT SOCKETS
- 109 OTHER PRODUCTS
- 109 ELECTRONIC PRODUCTS
- 112 FRAMES
- 113 IP44 FRAME SEALS
- 114 SURFACE MOUNTED BOXES
- 115 ACCESSORIES
- 116 COMPLETE IP20 SWITCHES AND BUTTONS
- 118 COMPLETE IP20 SOCKETS
- 119 COMPLETE IP44 SOCKETS
- 120 COMPLETE TV SOCKETS
- 121 COMPLETE LOUDSPEAKER SOCKETS
- 121 COMPLETE IT / TELEPHONE SOCKETS
- 124 COMPLETE ELECTRONIC PRODUCTS

CLASSICAL, EASILY RECOGNIZABLE, NUMBER OF MODULES AVAILABLE, EASY INSTALLATION OF ALL COMPONENTS AND WIDE RANGE OF COLORS ENCOURAGE INVESTORS AND DESIGNERS TO CHOOSE THAT SERIES. CLASSIC PRODUCTS CAN BE MOUNTED NOT ONLY HORIZONTALLY BUT ALSO VERTICALLY BY USING A SPECIALLY DESIGNED FRAMES. SWITCHES, SOCKETS AND DIMMERS LOOK LIKE FROM AGE OF STEAM INSIDE A RESTAURANT SITUATED ON THE TOP FLOOR OF OLD WATER TOWER IN PSZCZYNA.



CLASSIC LINE

White



Beige



Beige / White



METALLIZED LINE

Blue metallized



Copper metallized



Graphite metallized



Aluminum metallized



Platinum metallized



PASTEL LINE

Ecru



Sunny / Ecru



Pistachio / Ecru



Azure / Ecru



Walnut / Ecru



GRAPHITE LINE

Graphite matt



Platinum metallized / Graphite matt



Copper metallized / Graphite matt



Graphite metallized / Graphite matt



Aluminum metallized / Graphite matt



Simon Classic

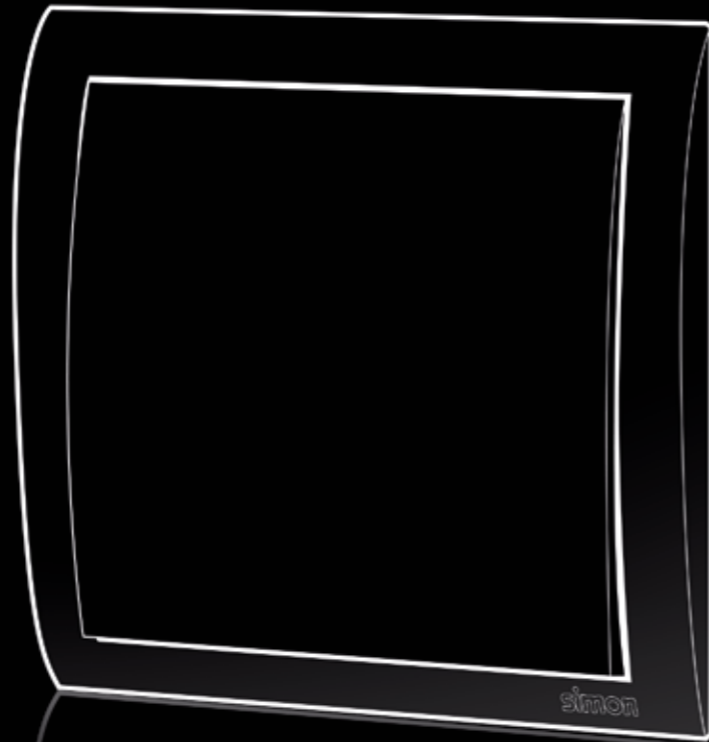
CLASSIC DESIGN OF THIS SERIES HAS BEEN ADMIRER FOR YEARS. CHOICE OF COLORS ALLOWS FAR BETTER INTEGRATION WITH THE SURROUNDINGS.



KONTAKT simon
**SWITCHES
 AND SOCKETS**
**TECHNICAL
 ADVANTAGES**



Safe sockets
 Protected against
 inserting objects
 other than the plug.



**13 frame colors
 and 9 rocker/cover colors**
 allow to create 117 color
 combinations.



Modular double socket
 for multiple frames
 allow to create a set
 with 10 sockets in one
 5-gang frame.

Simon Classic



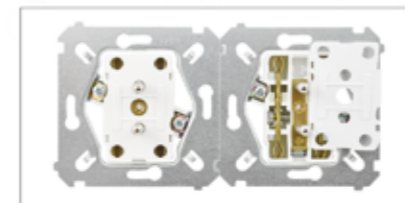
Bridge base stripes
 help to keep the vertical and horizontal
 direction of multiple sets.



Metal mounting claws
 presses the frame to the bridge
 hiding imperfections in installation
 box and provide fast and reliable
 assembly.

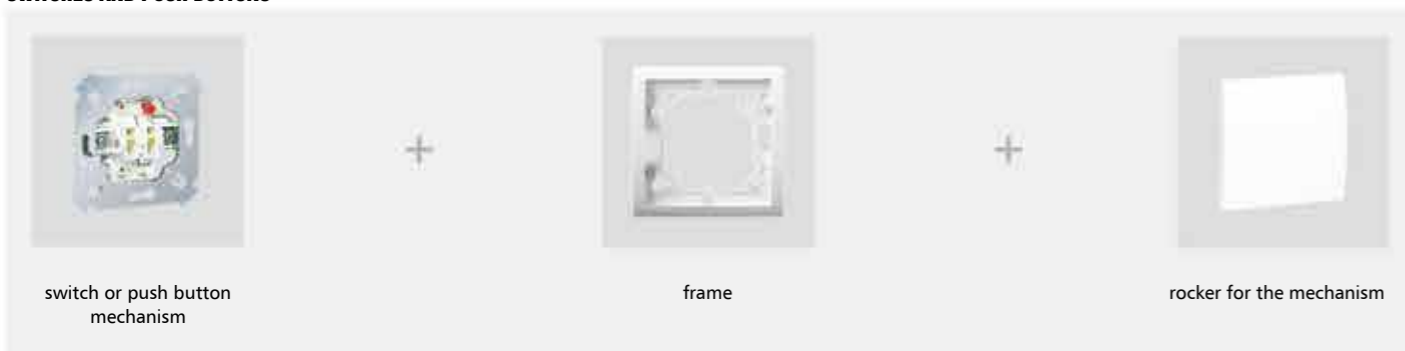


Single socket
 with screwless terminals.

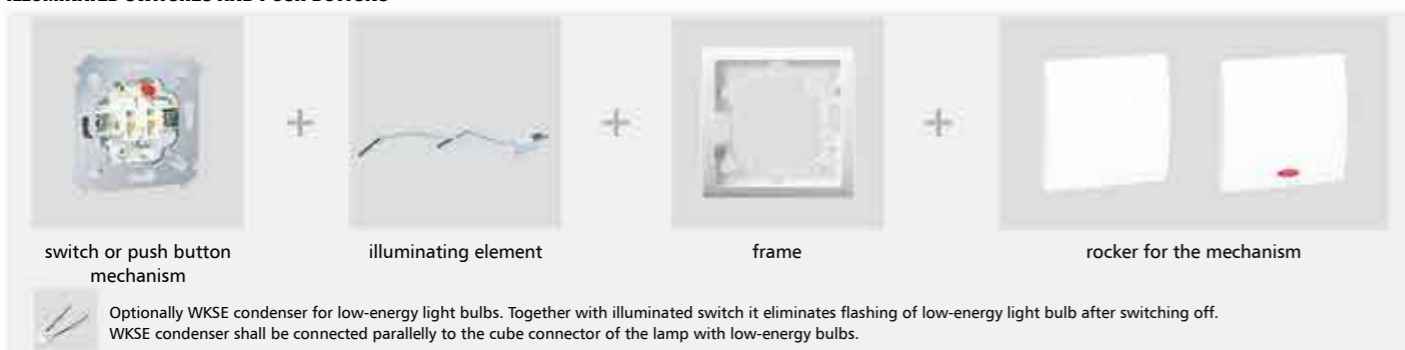


Double socket
 fitted with shutters
 to minimize a risk of being
 electrocuted even with
 socket cover removed.

SWITCHES AND PUSH BUTTONS



ILLUMINATED SWITCHES AND PUSH BUTTONS



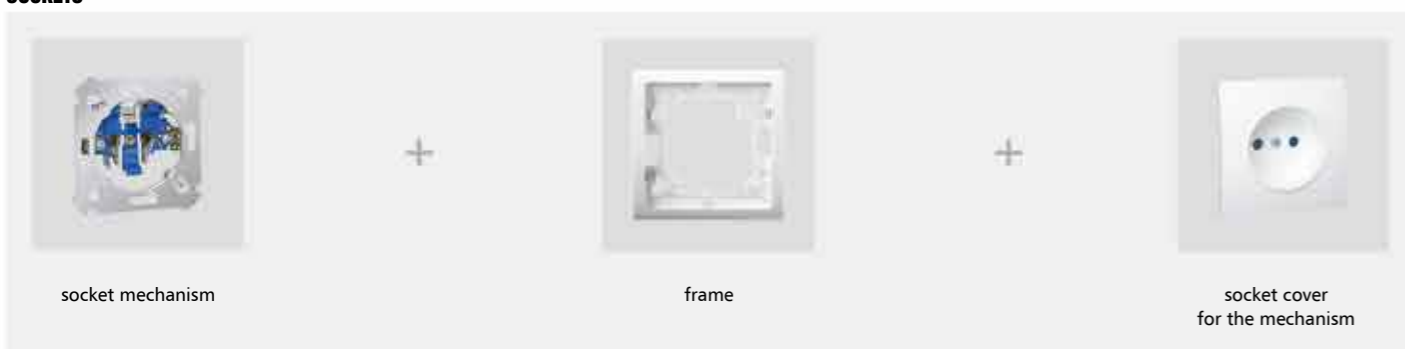
IP44 SINGLE SWITCHES AND PUSH BUTTONS (SPLASH PROOF)



IP44 DOUBLE SWITCHES AND PUSH BUTTONS (SPLASH PROOF)



SOCKETS



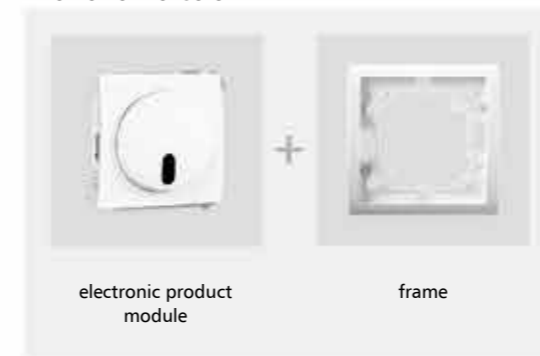
IP44 SOCKETS (SPLASH PROOF)



TELEPHONE AND IT SOCKET OUTLETS



ELECTRONIC PRODUCTS



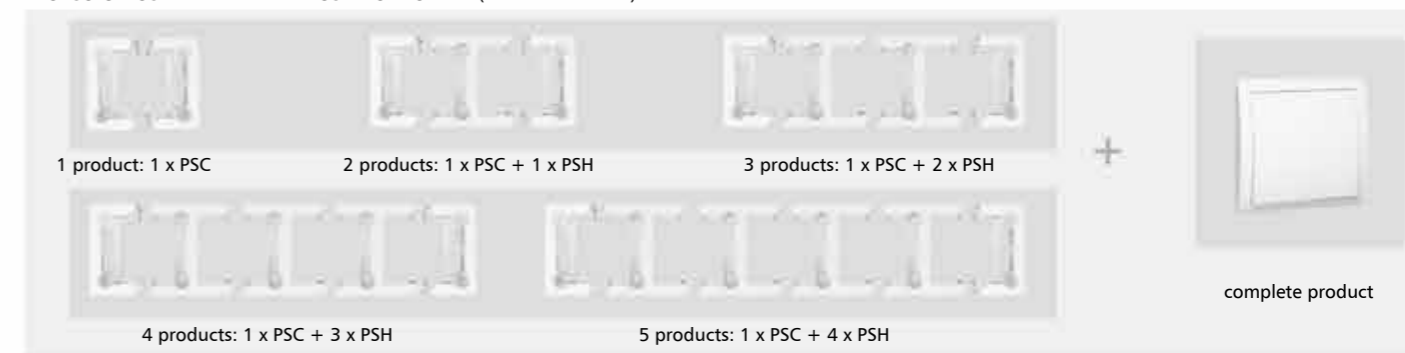
LOUDSPEAKER SOCKET OUTLET



PRODUCTS MOUNTED IN THE SHALLOW SURFACE BOX



PRODUCTS MOUNTED IN THE DEEP SURFACE BOX PSC (2 PIECES IN 1 SET)



How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)

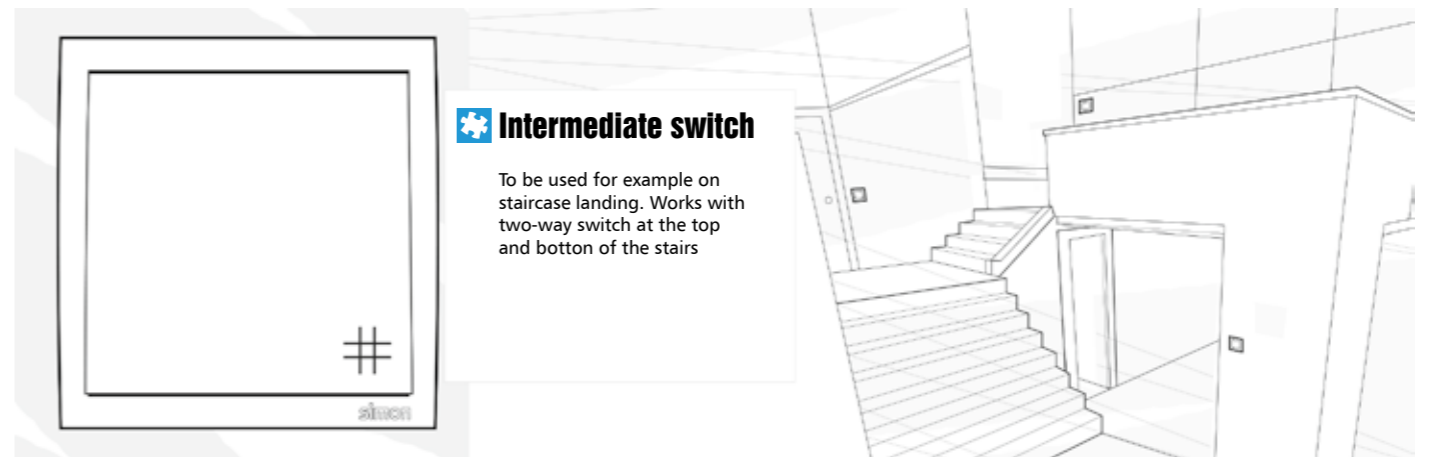
SWITCHES AND PUSH BUTTONS

	W1M	Single pole switch 10 AX, 250 V~, screwless terminals, as an option: illumination system UP1	10		<table border="1"> <tr> <td>MKW1/..</td> <td>10</td><td>11</td><td>12</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td> <td>pcs/outer</td> </tr> <tr> <td>MKW1L/..</td> <td>10</td><td>11</td><td>12</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td> <td>20</td> </tr> </table>	MKW1/..	10	11	12	23	24	25	26	27	28	pcs/outer	MKW1L/..	10	11	12	23	24	25	26	27	28	20
	MKW1/..	10	11			12	23	24	25	26	27	28	pcs/outer														
MKW1L/..	10	11	12	23	24	25	26	27	28	20																	
	W1ZLM	Single pole switch, illuminated, 10 AX, 250 V~, screwless terminals	10																								
	W1AM	Single pole switch 16 AX, 250 V~, screw terminals, as an option: illumination system UP1	10		<table border="1"> <tr> <td>MKW1/..</td> <td>10</td><td>11</td><td>12</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td> <td>pcs/outer</td> </tr> <tr> <td>MKW1L/..</td> <td>10</td><td>11</td><td>12</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td> <td>20</td> </tr> </table>	MKW1/..	10	11	12	23	24	25	26	27	28	pcs/outer	MKW1L/..	10	11	12	23	24	25	26	27	28	20
	MKW1/..	10	11			12	23	24	25	26	27	28	pcs/outer														
MKW1L/..	10	11	12	23	24	25	26	27	28	20																	
	W5M	Two-circuit switch 10 AX, 250 V~, screwless terminals, as an option: illumination system UP1 **	10		<table border="1"> <tr> <td>MKW5/..</td> <td>10</td><td>11</td><td>12</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td> <td>pcs/outer</td> </tr> <tr> <td></td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> <td>20</td> </tr> </table>	MKW5/..	10	11	12	23	24	25	26	27	28	pcs/outer											20
	MKW5/..	10	11			12	23	24	25	26	27	28	pcs/outer														
										20																	
	W5AM	Two-circuit switch 16 AX, 250 V~, screw terminals, as an option: illumination system UP1 **	10																								
	W6M	Two-way switch 10 AX, 250 V~, screwless terminals, as an option: illumination system UP1	10		<table border="1"> <tr> <td>MKW6/..</td> <td>10</td><td>11</td><td>12</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td> <td>pcs/outer</td> </tr> <tr> <td>MKW6L/..</td> <td>10</td><td>11</td><td>12</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td> <td>20</td> </tr> </table>	MKW6/..	10	11	12	23	24	25	26	27	28	pcs/outer	MKW6L/..	10	11	12	23	24	25	26	27	28	20
	MKW6/..	10	11			12	23	24	25	26	27	28	pcs/outer														
MKW6L/..	10	11	12	23	24	25	26	27	28	20																	
	W6AM	Two-way switch 16 AX, 250 V~, screw terminals, as an option: illumination system UP1	10																								
	W6/2M	Double two-way switch 10 AX, 250 V~, screw terminals, as an option: illumination system UP1 **	10		<table border="1"> <tr> <td>MKW5/..</td> <td>10</td><td>11</td><td>12</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td> <td>pcs/outer</td> </tr> <tr> <td></td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> <td>20</td> </tr> </table>	MKW5/..	10	11	12	23	24	25	26	27	28	pcs/outer											20
MKW5/..	10	11	12	23	24	25	26	27	28	pcs/outer																	
										20																	

* IP44 splash proofness after applying MR1B or MR2B frames (page 113).
 ** IP44 splash proofness after applying additional rocker sealing NU1W (see Accessories, page 115).

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)

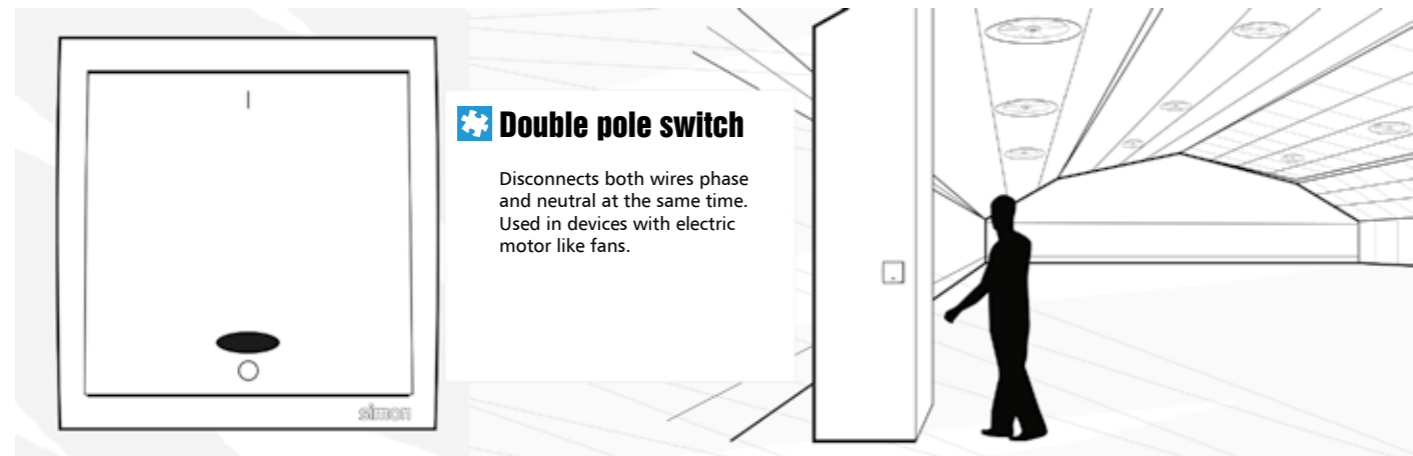


	W7M	Intermediate switch 10 AX, 250 V~, screwless terminals, as an option: illumination system UP1	10		<table border="1"> <tr> <td>MKW7/..</td> <td>10</td><td>11</td><td>12</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td> <td>pcs/outer</td> </tr> <tr> <td>MKW7L/..</td> <td>10</td><td>11</td><td>12</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td> <td>20</td> </tr> </table>	MKW7/..	10	11	12	23	24	25	26	27	28	pcs/outer	MKW7L/..	10	11	12	23	24	25	26	27	28	20
	MKW7/..	10	11			12	23	24	25	26	27	28	pcs/outer														
MKW7L/..	10	11	12	23	24	25	26	27	28	20																	
	PSDM	Single push button 10 AX, 250 V~, screwless terminals, as an option: illumination system UP1	10		<table border="1"> <tr> <td>MKS1/..</td> <td>10</td><td>11</td><td>12</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td> <td>pcs/outer</td> </tr> <tr> <td>MKD1/..</td> <td>10</td><td>11</td><td>12</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td> <td>20</td> </tr> </table>	MKS1/..	10	11	12	23	24	25	26	27	28	pcs/outer	MKD1/..	10	11	12	23	24	25	26	27	28	20
	MKS1/..	10	11			12	23	24	25	26	27	28	pcs/outer														
MKD1/..	10	11	12	23	24	25	26	27	28	20																	
	PSDAM	Single push button 10 AX, 250 V~, screw terminals, as an option: illumination system UP1	10																								
	P2M	Double push button, 10 AX, 250 V~, screwless terminals, as an option: illumination system UP1 **	10		<table border="1"> <tr> <td>MKW5/..</td> <td>10</td><td>11</td><td>12</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td> <td>pcs/outer</td> </tr> <tr> <td></td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> <td>20</td> </tr> </table>	MKW5/..	10	11	12	23	24	25	26	27	28	pcs/outer											20
	MKW5/..	10	11			12	23	24	25	26	27	28	pcs/outer														
										20																	
	Z1M	Roller blind push button 10 AX, 250 V~, screwless terminals	10		<table border="1"> <tr> <td>MKZ1/..</td> <td>10</td><td>11</td><td>12</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td> <td>pcs/outer</td> </tr> <tr> <td></td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> <td>20</td> </tr> </table>	MKZ1/..	10	11	12	23	24	25	26	27	28	pcs/outer											20
	MKZ1/..	10	11			12	23	24	25	26	27	28	pcs/outer														
										20																	
	WZ1M	Roller blind switch 10 AX, 250 V~, screwless terminals	10																								

* IP44 splash proofness after applying MR1B or MR2B frames (page 113).
 ** IP44 splash proofness after applying additional rocker sealing NU1W (see Accessories, page 115).

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)



Double pole switch

Disconnects both wires phase and neutral at the same time. Used in devices with electric motor like fans.

	W2M	Double pole switch 10 AX, 250 V~, screwless terminals, as an option: illumination system UP1	10	
	W2AM	Double pole switch 16 AX, 250 V~, screw terminals, as an option: illumination system UP1	10	
	MWH1.02/..	Single hotel card switch I_{max} 10 (2) A	10	
	MWH2.02/..	Double hotel card switch I_{max} 2 x 10 (2) A	10	
	MW1K.01/..	Single pole switch with key, 2 positions, "0-I". Possibility to remove the key in both positions	20	
	MP1K.01/..	Single push button with key, 2 positions, "0-I". Possibility to remove the key only in position 0	20	
	MWZK.01/..	Roller blind control switch with key, 3 positions "I-0-II". Possibility to remove the key in all positions	20	
	MPZK.01/..	Momentary roller blind control switch with key, 3 positions "I-0-II". Possibility to remove the key only in position 0	20	

SOCKETS

	GZ1M	Single socket outlet with earthing, 16 A, 250 V~, screw terminals	10	
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* IP44 splash proofness after applying MR1B or MR2B frames (page 113).
 ** IP44 splash proofness after applying additional rocker sealing NU1W (see Accessories, page 115).

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)

	GZ1M	Single socket outlet with earthing, 16 A, 250 V~, screw terminals	10	
	GZ1M	Single socket outlet with earthing, 16 A, 250 V~, screw terminals	10	
	G1M	Single socket outlet without earthing, 16 A, 250 V~, screw terminals	10	
	Socket outlet	Wires can be connected easily without the tools with push-in connectors or traditionally with screws.		
	GZ1CM	Single socket outlet with earthing, 16 A, 250 V~, screwless terminals	10	
	G1CM	Single socket outlet without earthing, 16 A, 250 V~, screwless terminals	10	

* IP44 splash proofness after applying MR1B or MR2B frames (page 113).
 ** IP44 splash proofness after applying additional rocker sealing NU1W (see Accessories, page 115).

Simon 34
Simon Basic
Simon Classic
Simon 15
Simon 27 Play
Simon Akord
Simon Aquarius
Technical information

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)

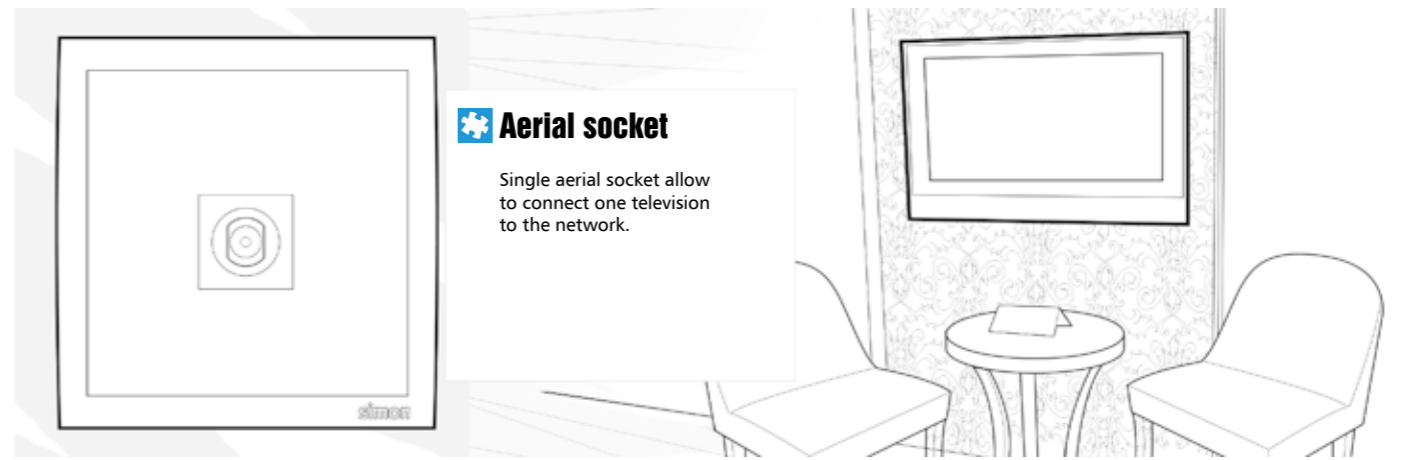
	GZM2M	Double socket outlet with earthing, module, Σ16 A, 250 V~, screw terminals	10																							
				<table border="0"> <tr> <td>MGZ2MP/..</td> <td>10</td> <td>11</td> <td>12</td> <td>23</td> <td>24</td> <td>25</td> <td>26</td> <td>27</td> <td>28</td> <td>pcs/outer</td> </tr> <tr> <td>MGZ2MzP/..</td> <td>10</td> <td>11</td> <td>12</td> <td>23</td> <td>24</td> <td>25</td> <td>26</td> <td>27</td> <td>28</td> <td>20</td> </tr> </table> <p>with shutters</p>	MGZ2MP/..	10	11	12	23	24	25	26	27	28	pcs/outer	MGZ2MzP/..	10	11	12	23	24	25	26	27	28	20
MGZ2MP/..	10	11	12	23	24	25	26	27	28	pcs/outer																
MGZ2MzP/..	10	11	12	23	24	25	26	27	28	20																
	GM2M	Double socket outlet without earthing, module, Σ16 A, 250 V~, screw terminals	10																							
				<table border="0"> <tr> <td>MG2MP/..</td> <td>10</td> <td>11</td> <td>12</td> <td>23</td> <td>24</td> <td>25</td> <td>26</td> <td>27</td> <td>28</td> <td>pcs/outer</td> </tr> <tr> <td>MG2MzP/..</td> <td>10</td> <td>11</td> <td>12</td> <td>23</td> <td>24</td> <td>25</td> <td>26</td> <td>27</td> <td>28</td> <td>20</td> </tr> </table> <p>with shutters</p>	MG2MP/..	10	11	12	23	24	25	26	27	28	pcs/outer	MG2MzP/..	10	11	12	23	24	25	26	27	28	20
MG2MP/..	10	11	12	23	24	25	26	27	28	pcs/outer																
MG2MzP/..	10	11	12	23	24	25	26	27	28	20																
	MGD1.01/..	DATA socket outlet with earthing, with socket protection element, red cover (module), 16 A, 250 V~, screw terminals	10																							
				10 11 12 23 24 25 26 27 28																						
	MGZD.01/..	DATA socket outlet with earthing, with shutters, red cover (module), 16 A, 250 V~, screw terminals	10																							
				22																						
	MGE.02	Equipotential socket (module), screw terminals	10																							
				10 11 12 23 24 25 26 27 28																						
	MGSz1.01/..	Socket outlet with Schuko earthing, with shutters, 16 A, 250 V~, screw terminals (module)	10																							
				10 11 12 23 24 25 26 27 28																						
	MGSz1e.01/..	Socket outlet with Schuko earthing, without shutters, 16 A, 250 V~, screw terminals (module)	10																							
				10 11 12 23 24 25 26 27 28																						

* IP44 splash proofness after applying MR1B or MR2B frames (page 113).
 ** IP44 splash proofness after applying additional rocker sealing NU1W (see Accessories, page 115).

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)

AERIAL AND LOUDSPEAKER SOCKETS



Aerial socket

Single aerial socket allow to connect one television to the network.


	MAK3.01/.. <small>NEW</small>	Single final aerial socket (module) Replacing MAK1.01/..	10	
				10 11 12 23 24 25 26 27 28
	MAP1.01/..	Single pass-through aerial socket (module)	10	
				10 11 12 23 24 25 26 27 28
	AK2M	Final R-TV aerial socket, separated (TV 1.5 dB; r 2.5 dB)	10	
				10 11 12 23 24 25 26 27 28
	APxxM	Pass-through R-TV aerial socket: attenuation xx = 10, 14, 16, 18, 20, 23 dB	10	
				10 11 12 23 24 25 26 27 28
	ZAR-SAT 1.3/1	Final RTV-SAT socket attenuation: R,TV, SAT - 1,5 dB) Can be used as a final socket for pass-through R-TV-SAT sockets	10	
				10 11 12 23 24 25 26 27 28
	ZAR-SAT 10/P	Pass-through R-TV-SAT socket, attenuation: SAT-8 dB, TV-10 dB, R-12 dB	10	
				10 11 12 23 24 25 26 27 28
	ZAR+SAT3.1-P2	Double final SAT-SAT aerial socket, attenuation: SAT1-0,5 dB, SAT2-1,5 dB, RTV-0,5 dB, input frequency SAT 5-2400 MHz, R-TV 5-862 MHz	10	
				10 11 12 23 24 25 26 27 28
	ADM	R-TV-DATA socket, attenuation: DATA-3 dB, TV-10 dB, R-14 dB, input frequency 5-862 MHz	10	
				10 11 12 23 24 25 26 27 28


* IP44 splash proofness after applying MR1B or MR2B frames (page 113).
 ** IP44 splash proofness after applying additional rocker sealing NU1W (see Accessories, page 115).

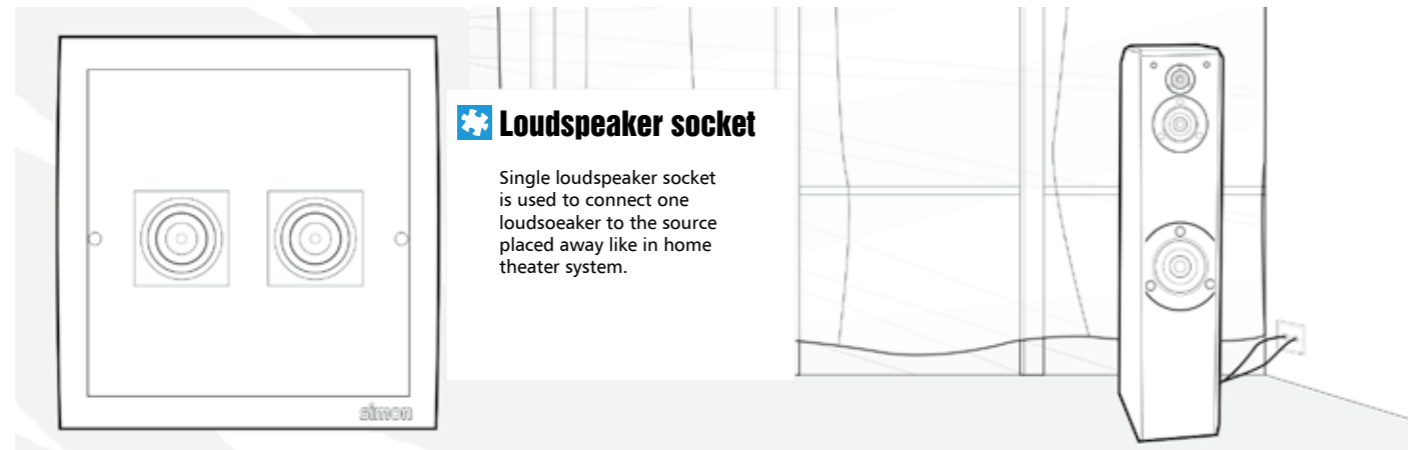
Simon 34
Simon Basic
Simon Classic
Simon 15
Simon 27 Play
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Simon Aquarius
Technical information


How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)



	MGL3.01/..	Double loudspeaker socket - can be extended to quadruple. Input and output wire up to 2,5 mm ² ., assembly with screws and claws	10	10 11 12 23 24 25 26 27 28
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	GL3	Additional inserts for loudspeaker socket MGL3.01 (set of 2)		
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	MGL2.02/..	Single loudspeaker socket (module), output wire up to 6 mm ² ., assembly only with screws	10	10 11 12 23 24 25 26 27 28
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IT / TELEPHONE SOCKETS

	MTU .01/..	Universal single telephone socket RJ11 (module), assembly with screws and claws	14	10 11 12 23 24 25 26 27 28
	MTO.01/..	Single telephone socket rJ11 with overcurrent protection, require a protective conductor, assembly with screws and claws	14	0 11 12 23 24 25 26 27 28

	MGK1P/..	Double flat cover for IT/Telephone socket, Keystone Assembly with screws only  Dedicated RJ45 inserts below	20	10 11 12 23 24 25 26 27 28
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How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)

	MGKS1P/..	Double angled cover for IT/Telephone socket with descriptive field, Keystone Assembly with screws only  Dedicated RJ45 inserts below	20	10 11 12 23 24 25 26 27 28
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	BWB/..	Blind for RJ45/RJ12 IT/telephone socket		10 11 12 23 24 25 26 27 28
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TELEPHONE SOCKET INSERTS

	RJ11	RJ11 telephone socket insert	100
	RJ12	RJ telephone socket insert, Leviton	100

IT SOCKET INSERTS

5e category (unshielded)




	CJ545U	RJ45 computer socket insert cat. 5e UTP, Simon Connect
	ARJ455e	RJ45 computer socket insert cat. 5e UTP, AMP
	KRJ455e	RJ45 computer socket insert cat. 5e UTP, Krone type HK  In BMPT cover - set claws in vertical position
	LRJ455e	RJ45 computer socket insert cat. 5e UTP, Leviton
	MRJ455e	RJ45 computer socket insert, cat. 5e UTP, Molex

Simon 34
Simon Basic
Simon Classic
Simon 15
Simon 27 Play
Simon Akord
Simon Aquarius
Technical information






How to order: SYMBOL/.. in place of the dotted line,
please insert the number of the selected colour

Packaging unit (pcs)




Category 5e - FTP/STP (shielded)

	CJ545FM	RJ45 computer socket insert cat. 5e FTP, Simon Connect In BMPT cover - set claws in vertical position
	KRJ455ekr	RJ45 computer socket insert, cat. 5e STP, Krone type HK In BMPT cover - set claws in vertical position
	LRJ455ekr	RJ45 computer socket insert, cat. 5e STP, Leviton

Category 6 - UTP (unshielded)

	CJ645U	RJ45 computer socket insert, cat. 6 UTP, Simon Connect
	ARJ456	RJ45 computer socket insert, cat. 6 UTP, AMP
	KRJ456	RJ45 computer socket insert cat. 6 UTP, Krone, type KM8 In BMPT cover - set claws in vertical position
	LRJ456	RJ45 computer socket insert cat. 6 UTP, Leviton
	MRJ456	RJ45 computer socket insert, cat.6 UTP, Molex


Category 6 - FTP/STP (shielded)

	CJ645FM	RJ45 computer socket insert cat. 6 FTP, Simon Connect In BMPT cover - set claws in vertical position
	KRJ456ekr	RJ45 computer socket insert cat. 6 STP, Krone, type KM8 In BMPT cover - set claws in vertical position
	LRJ456ekr	RJ45 computer socket insert, cat. 6 STP, Leviton



How to order: SYMBOL/.. in place of the dotted line,
please insert the number of the selected colour

Packaging unit (pcs)


Category 6a - UTP (unshielded)

	LRJ456A	RJ45 computer socket insert, cat. 6a UTP, Leviton
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







Category 6a - FTP/STP (shielded)

	FRJ456Aekr	RJ45 computer socket insert, cat. 6a STP, FMT
	LRJ456Aekr	RJ45 computer socket insert, cat. 6a STP, Leviton

OTHER PRODUCTS

	MPK1.02/..	Cable terminal (module) Assembly with screws only	10	10 11 12 23 24 25 26 27 28
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ELECTRONIC PRODUCTS

	MS9T.01/..	Rotary-push dimmer (module), 20-500 W, 230V~                 
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How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)

Presence simulator

For people frequently staying outside their homes. Normally used for switching light manually or remotely. Activated presence simulator plays a switching sequence from last few days.

MSO10.01/.. Remote control dimmer with motion sensor (module), 60-500W, 230V~ 10

Icons:

Color selection: 10 11 12 23 24 25 26 27 28

MWC10P.01/.. Time switch with rely. Switching off delay from 30 seconds to 99 minutes. regulated gradually every 1 minute (module) 8 (2) A, 230 V~ 10

NEW

Icons:

Color selection: 10 11 12 23 24 25 26 27 28

MWC10T.01/.. Time switch. Switching off delay from 15 seconds to 10 minutes. regulated smoothly (module), 20-500 W 10

NEW

Icons:

Color selection: 10 11 12 23 24 25 26 27 28

MCR10P.01/.. Motion sensor switch with rely (module) 8 (2) A, 230 V~ 8

Icons:

Color selection: 10 11 12 23 24 25 26 27 28

MCR10T.01/.. Motion sensor switch with rely (module) 20-500 W, 230 V~ 10

Icons:

Color selection: 10 11 12 23 24 25 26 27 28

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)

MDS1.01/.. Bell (module) 230 V~ 10

MDT1.01/.. Bell (module), 8-12 V~ 10

Color selection: 10 11 12 23 24 25 26 27 28

LED signal light

Used to mark rooms and exit routes. Energy efficient soft light with or without pictogram. Provides comfort and safety without turning on the main lighting at night.

MSI.02/.. Signal LED light, 230 V~(module) 10

Color selection: 10 11 12 23 24 25 26 27 28

Set of pictograms – included





MSS/1.01/.. Signal LED light - white, 230 V~ (module) 10

Color selection: 10 11 12 23 24 25 26 27 28





Ecu	White	Beige	Sunny	Pistachio	Azure	Walnut	Blue metallized	Copper metallized	Graphite metallized	Aluminum metallized	Platinum metallized	Graphite matt
10	11	12	13	15	17	18	23	24	25	26	27	28

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)

	MSS/2.01/..	Signal LED light - red, 230 V~ (module)	10	10 11 12 23 24 25 26 27 28
	MSS/3.01/..	Signal LED light - green, 230 V~ (module)	10	10 11 12 23 24 25 26 27 28





FRAMES

	MR1/..	Single frame	40	10 11 12 13 15 17 18 23 24 25 26 27 28
	MR2/..	Double frame	25	10 11 12 13 15 17 18 23 24 25 26 27 28
	MR3/..	Triple frame	20	10 11 12 13 15 17 18 23 24 25 26 27 28
	MR4/..	Quadruple frame	20	10 11 12 13 15 17 18 23 24 25 26 27 28



Ecu	White	Beige	Sunny	Pistachio	Azure	Walnut	Blue metallized	Copper metallized	Graphite metallized	Aluminum metallized	Platinum metallized	Graphite matt
10	11	12	13	15	17	18	23	24	25	26	27	28

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)




	MR5/..	5-gang frame	20	10 11 12 13 15 17 18 23 24 25 26 27 28
	MR2P/..	Double vertical frame	25	10 11 12 13 15 17 18 23 24 25 26 27 28
	MR3P/..	Triple vertical frame	20	10 11 12 13 15 17 18 23 24 25 26 27 28
	MR4P/..	Quadruple vertical frame	20	10 11 12 13 15 17 18 23 24 25 26 27 28
	MR1B/..	Single IP44 frame with seal	40	10 11 12 13 15 17 18 23 24 25 26 27 28
	MR2B/..	Double IP44 frame with seal	15	10 11 12 13 15 17 18 23 24 25 26 27 28

IP44 FRAME SEALS




	NU1	Single frame seal IP44 class only for sockets with MGZ1BP covers	15
	NU2	Double frame seal IP44 class only for sockets with MGZ1BP covers	10

How to order: SYMBOL/.. in place of the dotted line,
please insert the number of the selected colour

Packaging unit (pcs)



	NU3	Triple frame seal IP44 class only for sockets with MGZ1BP covers	10
	NU4	Quadruple frame seal IP44 class only for sockets with MGZ1BP covers	10
	NU5	5-gang frame seal IP44 class only for sockets with MGZ1BP covers	10

SURFACE MOUNTED BOXES





	PSC/..	Assembled surface mounted wall box (40 mm), element "C"	10	11 12
	PSH/..	Assembled surface mounted wall box (40 mm), element "H"	10	11 12
	MPN1/..	Single surface mounted box, 31mm deep	20	11 12 23 24 25 26 27 28

How to order: SYMBOL/.. in place of the dotted line,
please insert the number of the selected colour

Packaging unit (pcs)



	MPN2/..	Double surface mounted box, 31mm deep	10	11 12 23 24 25 26 27 28
	MPN3/..	Triple surface mounted box, 31mm deep	6	11 12 23 24 25 26 27 28

ACCESSORIES





	MP/..	Frame blind	50
	NU1W	Sealing insert for double IP44 switches	
	00965591PEHA	Equipotential plug, sold separately	
	UP1	Illumination element for switches and push buttons	

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)








	WKSL	Bursts eliminator for energy saving bulbs and LEDs. Dedicated to equipment Kontakt-Simon
	KGD1	Plug protection element for DATA socket

COMPLETE IP20 SWITCHES AND BUTTONS

	MW1/..	Single pole switch, 10 AX, 250 V~, screwless terminals	10
	MW1B/..	Splash-proof single pole switch, 10 AX, 250 V~, screwless terminals	10
	MW1L/..	Single pole switch illuminated, 10 AX, 250 V~, screwless terminals	10
	MW1BL/..	Splash-proof single pole switch illuminated, 10 AX, 250 V~, screwless terminals	10
	MW5/..	Two-circuit switch, 10 AX, 250 V~, screwless terminals	10
	MW5L/..	Two-circuit switch illuminated, 10 AX, 250 V~, screw terminals	10
	MW5B/..	Splash-proof two-circuit switch, 10 AX, 250 V~, screwless terminals	10
	MW6/2/..	Double two-way switch, 10 AX, 250 V~, screwless terminals	10
	MW6/2L/..	Double two-way switch illuminated, 10 AX, 250 V~, screw terminals	10
	MW6/..	Two-way switch, 10 AX, 250 V~, screwless terminals	10
	MW6B/..	Splash-proof two-way switch, 10 AX, 250 V~, screwless terminals	10




How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)




	MW6L/..	Two-way switch illuminated, 10 AX, 250 V~, screwless terminals	10
	MW6BL/..	Splash-proof two-way switch illuminated, 10 AX, 250 V~, screwless terminals	10
	MW7/..	Intermediate switch, 10 AX, 250 V~, screwless terminals	10
	MW7B/..	Splash-proof intermediate switch, 10 AX, 250 V~, screwless terminals	10
	MW7L/..	Intermediate switch illuminated, 10 AX, 250 V~, screwless terminals	10
	MW7BL/..	Splash-proof intermediate switch illuminated, 10 AX, 250 V~, screwless terminals	10
	MS1/..	Single "light" push button, 10 AX, 250 V~, screwless terminals	10
	MS1B/..	Splash-proof single "light" push button, 10 AX, 250 V~, screwless terminals	10
	MS1L/..	Illuminated single "light" push button, 10 AX, 250 V~, screwless terminals	10
	MS1BL/..	Splash-proof illuminated single "light" push button, 10 AX, 250 V~, screwless terminals	10
	MD1/..	Single "bell" push button, 10 AX, 250 V~, screwless terminals	10
	MD1B/..	Splash-proof single "bell" push button, 10 AX, 250 V~, screwless terminals	10
	MD1L/..	Illuminated single "bell" push button, 10 AX, 250 V~, screwless terminals	10
	MD1BL/..	Splash-proof illuminated single "bell" push button, 10 AX, 250 V~, screwless terminals	10

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)





	MZ1/..	Roller blind push button 10 AX, 250 V~, screwless terminals	10
	MZ1B/..	Splash-proof roller blind push button 10 AX, 250 V~, screwless terminals	10
	MW2/..	Double pole switch, 10 AX, 250 V~, screwless terminals	10
	MW2B/..	Splash-proof double pole switch, 10 AX, 250 V~, screwless terminals	10
	MW2L/..	Double pole switch illuminated, 10 AX, 250 V~, screwless terminals.	10
	MW2BL/..	Splash-proof double pole switch illuminated, 10 AX, 250 V~, screwless terminals	10

COMPLETE IP20 SOCKETS


	MGZ1/..	Socket outlet with earthing, with shutters, 16 A, 250 V~, screw terminals	10
	MGZ1C/..	Socket outlet with earthing, with shutters, 16 A, 250 V~, screwless terminals	10
	MG1/..	Socket outlet without earthing, with shutters, 16 A, 250 V~, screw terminals	10
	MG1e/..	Socket outlet without earthing, monoblock, 16 A, 250 V~, screw terminals	10
	MG1C/..	Socket outlet without earthing, with shutters, 16 A, 250 V~, screwless terminals	10
	MGD1/..	DATA socket outlet with earthing and socket protection element, with shutters, 16 A, 250 V~, screw terminals	10

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)





	MGZ2/..	Double socket outlet with earthing, without shutters, Σ16 A, 250 V~, screw terminals	10
	MG2/..	Double socket outlet without earthing, without shutters, Σ16 A, 250 V~, screw terminals	10
	MGZ2CZ/..	Double socket outlet with earthing, Czech pin system, without shutters, Σ16 A, 250 V~, screw terminals	10
	MGSz1/..	Socket outlet with Schuko earthing, with shutters, 16 A, 250 V~, screw terminals	10
	MGSz1e/..	Socket outlet with Schuko earthing, without shutters, 16 A, 250 V~, screw terminals	10
	MGSZ2N/..	Double socket outlet with Schuko earthing, Σ16 A, 250 V~, screw terminals.	10
	MGSZ2NZ/..	Double socket outlet with Schuko earthing, with shutters, Σ16 A, 250 V~, screw terminals	10

COMPLETE IP44 SOCKETS




	MGZ1B/..	Socket outlet with earthing, splash-proof, with shutters, 16 A, 250 V~, screw terminals	10
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How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)



	MGZ1B/..A	Socket outlet with earthing, splash-proof, with shutters, with transparent flap, 16 A, 250 V~, screw terminals	10
	MGD1B/..	DATA socket outlet with earthing and socket protection element, splash-proof, with shutters, 16 A, 250 V~, screw terminals	10
	MGSz1B/..	Socket outlet with Schuko earthing, splash-proof, with shutters, 16 A, 250 V~, screw terminals	10
	MGSz1B/..a	Socket outlet with Schuko earthing, splash-proof, with shutters, with transparent flap, 16 A, 250 V~, screw terminals	10

COMPLETE AERIAL SOCKETS



	MAK3/.. <small>NEW</small>	Single, final aerial socket (module) Replacing MAK1/..	10
	MAK2/..	R-TV final aerial socket, separated, attenuation TV: 1.5 dB; r: 2.5 dB	10
	MAxx/..	R-TV pass-through aerial socket, attenuation xx=10, 14, 16, 18, 20, 23 dB	10

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour




Packaging unit (pcs)

	MAS/..	RTV-SAT final aerial socket, attenuation RTV: 3.5 dB ; SAT: 1.8 dB	10
	MZAR+SAT3.1-P2/..	SAT-SAT-RTV double final aerial, final, input frequency: SAT 5-2400 MHz, RTV 5-862 MHz	10

COMPLETE LOUDSPEAKER SOCKETS








	MGL3/..	Double loudspeaker socket (module), can be extended to quadruple. Input and output wire up to 2,5 mm², assembly with screws and claws	10
	MGL2/..	Single loudspeaker socket, output wire up to 6 mm², assembly only with screws	10

COMPLETE IT / TELEPHONE SOCKETS

	MTU/..	Universal single telephone socket RJ11, assembly with screws and claws	10
	MTO/..	Single telephone socket RJ11 with overcurrent protection, require a protective conductor, assembly with screws and claws	10
	MT1/..	Single telephone socket RJ12, assembly with screws	10








How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)

	MT2/..	Double telephone socket RJ12, assembly with screws	10
	MTF1/..	Double telephone socket RJ12, assembly with screws	10
	MTF2/..	Double telephone socket RJ11, assembly with screws	10
	MFT1/..	Single telephone socket RJ11, assembly with screws	10
	M51/..	Single computer socket RJ45 cat. 5, assembly with screws	10
	M61A/..	Single computer socket RJ45 cat. 6, AMP, assembly with screws	10
	M52/..	Double computer socket RJ45 cat. 5, assembly with screws	10
	M5K1/..	Single computer socket RJ45 cat. 5e, Krone, assembly with screws	10



How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)






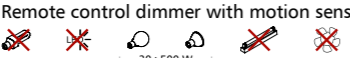

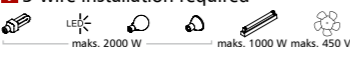
	M5K2/..	Double computer socket RJ45 cat. 5e, Krone, assembly with screws	10
	M5T/..	Computer socket RJ45 cat. 5 + telephone socket RJ12, assembly with screws	10
	MT1S/..	Single angled telephone socket RJ12, with descriptive field, assembly with screws	10
	MT2S/..	Double angled telephone socket RJ12, with descriptive field, assembly with screws	10
	M51S/..	Single angled computer socket RJ45 cat. 5e, with a descriptive field, assembly with screws	10
	M52S/..	Double angled computer socket RJ45 cat. 5e, with descriptive field, assembly with screws	10
	M51ES/..	Double angled computer socket RJ45 cat. 5e, Krone, with descriptive field, assembly with screws	10

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)


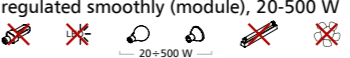

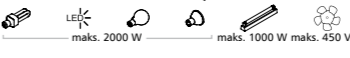

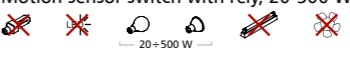





	M52ES/..	Double angled computer socket RJ45 cat. 5e, Krone, with descriptive field, assembly with screws	10
	M5TS/..	Angled computer socket RJ45, cat. 5e + angled telephone socket RJ12, with descriptive field, assembly with screws	10

COMPLETE ELECTRONIC PRODUCTS

	MS9T/..	Rotary-push dimmer, 20-500 W, 230V~  maks. 2000 W maks. 1000 W maks. 450 VA	10
	MS13T/..	Remote control dimmer, 20-500 W, 230V~  maks. 2000 W maks. 1000 W maks. 450 VA	10
	MSO10/..	Remote control dimmer with motion sensor, 60-500W, 230V~  maks. 2000 W maks. 1000 W maks. 450 VA	10
	MWC10P/..	Time switch with rely. Switching off delay from 30 seconds to 99 minutes regulated gradually every 1 minute (module) 8 (2) A, 230 V~ 3-wire installation required  maks. 2000 W maks. 1000 W maks. 450 VA	10


How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)

	MWC10T/..	Time switch. Switching off delay from 15 seconds to 10 minutes regulated smoothly (module), 20-500 W  maks. 2000 W maks. 1000 W maks. 450 VA	10
	MCR10P/..	Motion sensor switch with rely, 8 (2) A, 230 V~ 3-wire installation required  maks. 2000 W maks. 1000 W maks. 450 VA	8
	MCR10T/..	Motion sensor switch with rely, 20-500 W, 230 V~  maks. 2000 W maks. 1000 W maks. 450 VA	10
	MDS1/..	Bell, 230 V~	10
	MDT1/..	Bell, 8-12 V~	10
	MRT10W/..	Temperature regulator with inner sensor, 16 (2) A, 230 V~, assembly with screws	10
	MRT10Z/..	Temperature regulator with outer sensor, 16 (2) A, 230 V~, outer sensor (sounder) code NTC-03 not included. Assembly with screws	10
	NTC-03	Outer sensor for MRT10Z/.. on 3 meter wire	15

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)

	MSV/..	Signal light LED, 230 V~	10
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Set of pictograms – included



NEW

Simon Basic
NEOS

Simon Basic
STANDARD



YOU HAVE A CHOICE.

BECAUSE SIMON BASIC SERIES HAS BEEN UPGRADED WITH NEW NEOS FRAMES.
THE EXISTING FRAMES WILL BE NAMED STANDARD.
BOTH TYPES OF FRAMES FIT INTO THE SAME SIMON BASIC MODULES.

Simon Basic Neos: 15 frame colors / 7 module colors.



KONTAKT simon
**SWITCHES
AND SOCKETS**

SIMON 15

Simon 15



- 134 SWITCHES
- 136 ELECTRONIC PRODUCTS
- 137 SOCKETS
- 140 AERIAL SOCKETS
- 141 IT / TELEPHONE SOCKETS
- 143 INSERTS FOR IT / TELEPHONE SOCKETS
- 144 FRAMES
- 145 IP44 SEALS

Simon 34

Simon Basic

Simon Classic

Simon 15

Simon 27 Play

Simon Akord

Simon Aquarius

Technical information

THE HALLMARK OF THE SIMON15 IS A PURE DESIGN FORM, THROUGH WHICH SUBTLE AND ELEGANT PRODUCTS CAN COMPLETE ARRANGEMENT OF MANY SPACE – WHETHER IT'S RESIDENTIAL, OFFICE OR HORECA. THE UNIVERSALITY OF THE COLLECTION PROVIDES BOTH CLASSIC LOOK AND COLORS. AN EXAMPLE OF CONSCIOUS STYLISTIC USE OF SIMON 15 IS A BEAUTY SALON "PERFUME". SWITCHES, SOCKETS AND DIMMERS SELECTED BY THE OWNER PERFECTLY FIT INTO THE RELAXING ATMOSPHERE OF THE PLACE.

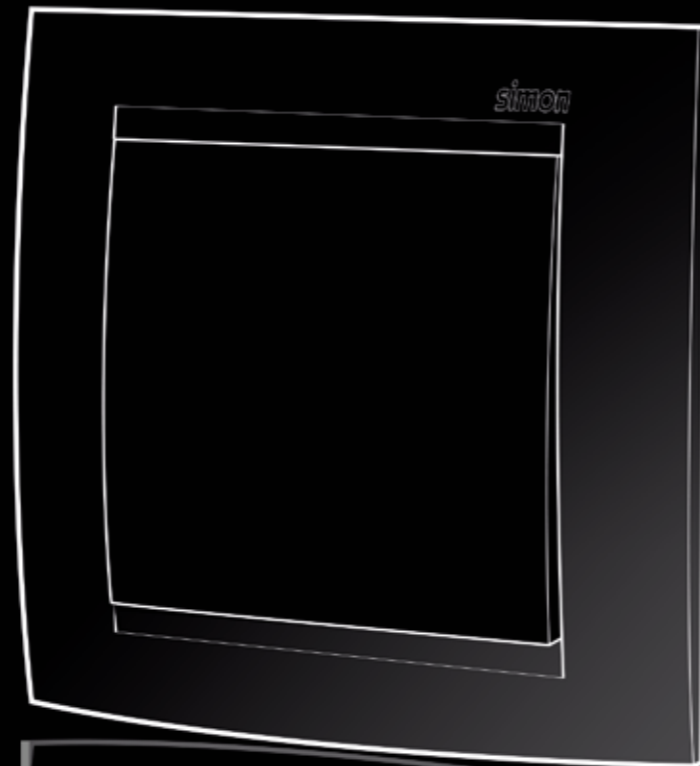


KONTAKT simon
SWITCHES
AND SOCKETS
TECHNICAL
ADVANTAGES



Safe sockets
 Protected against inserting objects other than the plug.

Modular double socket
 for multiple frames allow to create a set with 10 sockets in one 5-gang frame.



Multiple frames
 Can be used horizontally and vertically.



3 colors including 1 metallized
 White, beige, metallized aluminum.

Simon 15



Bridge base stripes
 help to keep the vertical and horizontal direction of multiple sets.

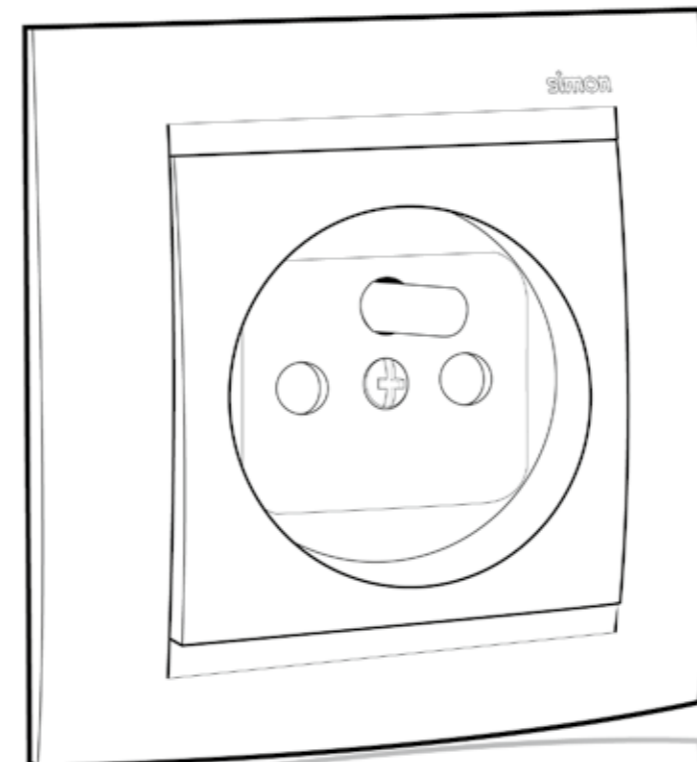
Independent illuminated buttons
 in double switch.

Three way switch
 allow to control 3 independent circuits.



Clear description on the switch body
 facilitate connections and product identification.

Small mechanism leaves more space in installation box.



Captive claw screws
 are not lost during the installation.








Diagonal claws in double sockets
 claws positioned away from screws and cable holes in installation box.



Rear wiring
 eliminates need of bending wires and allow to use short once.

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)

SWITCHES

	1591101- ...	Single pole switch (module) 10 AX, 250 V~, screw terminals	10
	1591101B- ...	Single pole switch IP44 (module), 10 AX, 250 V~, screw terminals Require frame seal	10
	1591104- ...	Single pole switch illuminated (module) 10 AX, 250 V~, screw terminals	10
	1591398- ...	Two-circuit switch (module) 10 AX, 250 V~, screw terminals	10
	1591398B- ...	Two-circuit switch IP44, (module) 10 AX, 250 V~, screw terminals Require frame seal	10
	1591392- ...	Two-circuit switch illuminated (module) 10 AX, 250 V~, screw terminals	10
	1591391- ...	Three way switch (module) 10 AX, 250 V~, screw clamps	10











Three way switch

allows to control three light circuits like main light, complementary lights and LED's.






How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)


	1591201- ...	Two-way switch (module) 10 AX, 250 V~, screw terminals	10
	1591201B- ... <small>NEW</small>	Two-way switch IP44 (module) 10 AX, 250 V~, screw terminals Require frame seal	10
	1591397- ...	Double two-way switch (module) 10 AX, 250 V~, screw terminals	10
	1591251- ...	Intermediate switch (module) 10 AX, 250 V~, screw terminals	10
	1591659- ...	Single push button "bell" (module) 10 AX, 250 V~, screw terminals	10
	1591659B- ...	Single push button "bell" IP44 (module) 10 AX, 250 V~, screw terminals Require frame seal	10
	1591162- ...	Single push button "bell" illuminated (module) 10 AX, 250 V~, screw terminals	10
	1591651- ...	Single push button "light" (module) 10 AX, 250 V~, screw terminals	10
	1591161- ...	Single push button "light" illuminated (module) 10 AX, 250 V~, screw terminals	10

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)

	1591150- ...	Single push button without pictogram (module) 10 AX, 250 V~, screw terminals	10
	1591160- ...	Single push button without pictogram, illuminated (module) 10 AX, 250 V~, screw terminals	10
	1591396- ... <small>NEW</small>	Double contact push button, two circuit: 2 inputs, 2 outputs (modul), 10 AX, 250V~, screw terminals	10
	1591335- ...	Roller blind push button (module) 10 AX, 250 V~, screw terminals	10
	1591332- ...	Roller blind switch (module), 10 AX, 250 V~, screw terminals	10

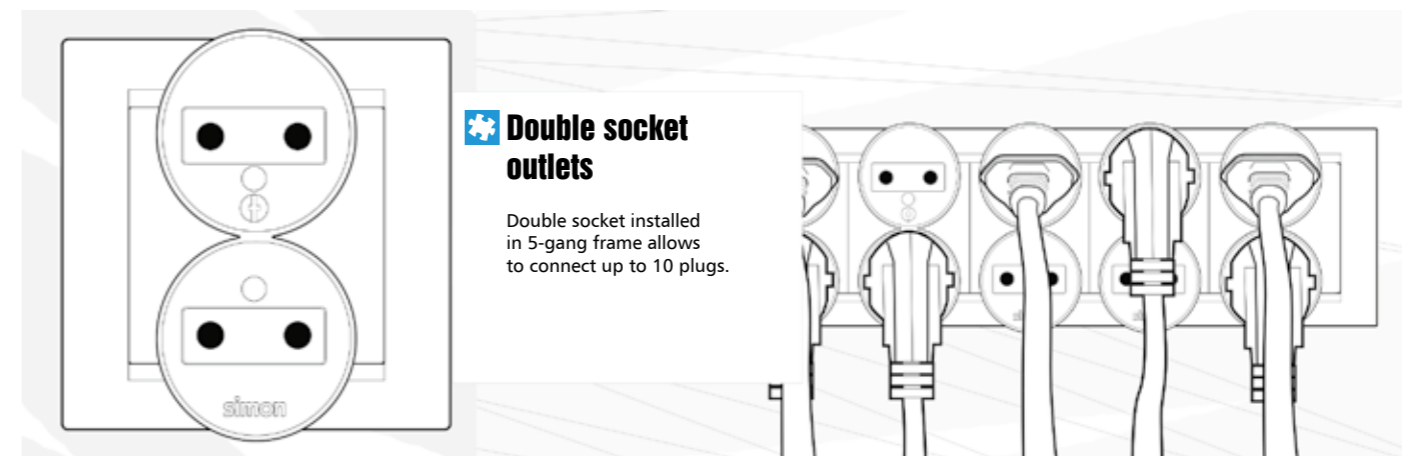
ELECTRONIC PRODUCTS


	1591311- ...	Rotary dimmer (module)	8
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How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)







SOCKETS



	1591462- ... <small>NEW</small>	Double socket outlet with earthing (module), 16 A, 250 V~, screw terminals	10
	1591461- ... <small>NEW</small>	Double socket outlet with earthing, with shutters (module), 16 A, 250 V~, screw terminals	10
	1591464- ... <small>NEW</small>	Double socket outlet without earthing (module), 16 A, 250 V~, screw terminals	10
	1591463- ... <small>NEW</small>	Double socket outlet without earthing, with shutters (module), 16 A, 250 V~, screw terminals	10
	1591456- ...	Double socket outlet with earthing (complete), 16 A, 250 V~, screw terminals ⚠ Not suitable for multiple frames	10
	1591451- ...	Double socket outlet with earthing, with shutters (complete), 16 A, 250 V~, screw terminals ⚠ Not suitable for multiple frames	10
	1591457- ...	Double socket outlet without earthing (complete), 16 A, 250 V~, screw terminals ⚠ Not suitable for multiple frames	10
	1591452- ...	Double socket outlet without earthing, with shutters (complete), 16 A, 250 V~, screw terminals ⚠ Not suitable for multiple frames	10


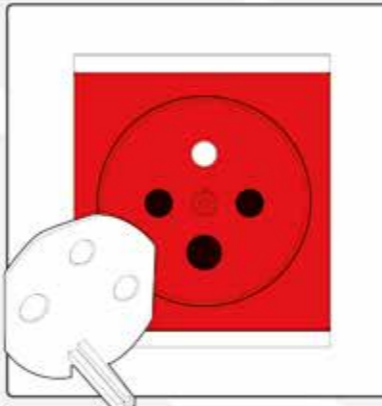
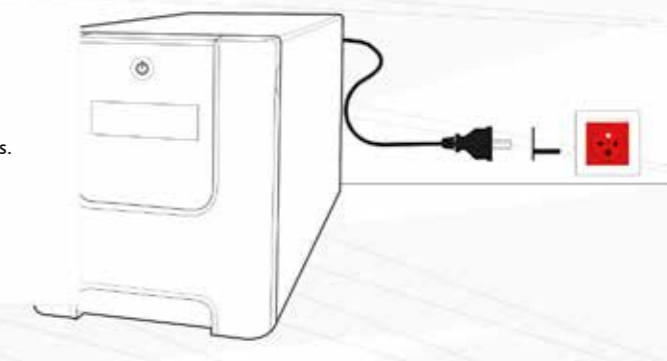




How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)

	1591408- ... <small>NEW</small>	Single socket outlet with earthing (module), 16 A, 250 V~, screw terminals	10
	1591418- ... <small>NEW</small>	Single socket outlet with earthing, with shutters (module), 16 A, 250 V~, screw terminals	10 10
	1591418-037 <small>NEW</small>	Single socket outlet with earthing, with shutters (module), 16 A, 250 V~, screw terminals, red	
	1591401- ... <small>NEW</small>	Single socket outlet without earthing (module), 16 A, 250 V~, screw terminals	10
	1591414- ... <small>NEW</small>	Single socket outlet without earthing, with shutters (module), 16 A, 250 V~, screw terminals	10 10
	1591940- ...A	Single socket outlet with earthing, IP44 with frame seal (module), transparent flap, 16 A, 250 V~, screw terminals	10
	1591950- ...A	Single socket outlet with earthing, with shutters, IP44 with frame seal (module), transparent flap, 16 A, 250 V~, screw terminals	10
	1591940- ...	Single socket outlet with earthing, IP44 with frame seal (module), 16 A, 250 V~, screw terminals Available only in white and beige	10
	1591950- ...	Single socket outlet with earthing, with shutters, IP44 with frame seal (module), 16 A, 250 V~, screw terminals Available only in white and beige	10
	1591940B- ...A	Single socket outlet with earthing, IP44 without frame seal (module), transparent flap, 16 A, 250 V~, screw terminals ■ Frame seal required	10
	1591950B- ...A	Single socket outlet with earthing, with shutters, IP44 without frame seal (module), transparent flap, 16 A, 250 V~, screw terminals ■ Frame seal required	10



How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)





	1591940B- ...	Single socket outlet with earthing, IP44 without frame seal (module), 16 A, 250 V~, screw terminals Available only in white and beige	10
	1591950B- ...	Single socket outlet with earthing, with shutters, IP44 without frame seal (module), 16 A, 250 V~, screw terminals Available only in white and beige	10
		DATA socket Red DATA socket for separated circuits to plug only an authorized devices.	
			
	1591460-037 <small>NEW</small>	Data socket outlet with socket protection element (module), 16 A, 250 V~, screw terminals, red	10
	1591460- ... <small>NEW</small>	Data socket outlet with socket protection element (module), 16 A, 250 V~, screw terminals	10
	1591453- ...	Double socket outlet with earthing, (complete) Czech pin system, 16 A, 250 V~, screw terminals ■ Not suitable for multiple frames	
	1591432- ...	Single socket outlet with Schuko earthing (module) 16 A, 250 V~, screw terminals	10
	1591443- ...	Single socket outlet with Schuko earthing, with shutters (module) 16 A, 250 V~, screw terminals	10

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)



	1591459- ...	Double socket outlet with Schuko earthing 16 A, 250 V~, screw terminals	10
	1591450- ...	Single socket outlet with Schuko earthing IP44, transparent flap 16 A, 250 V~, screw terminals	10

AERIAL SOCKETS





	1591486- ...	R-TV separated final aerial socket (module), attenuation: TV-1.0 dB, R-1.5 dB	10
	1591487- ...	R-TV pass-through aerial socket 10 dB (module)	10
	1591489- ...	R-TV pass-through aerial socket 14 dB (module)	10
	1591488- ...	R-TV final aerial sockets for pass-through sockets (module), attenuation: TV-10 dB, R-11 dB	10
	1591466- ...	R-TV-SAT final aerial socket (module), attenuation: SAT, TV i R - 1.5 dB. Can be use as final socket for pass-through sockets	10
	1591467- ...	R-TV-SAT pass-through aerial socket (module) attenuation: SAT-8 dB, TV-10dB, R-12 dB	10
	1591038- ...	SAT-SAT-RTV final aerial socket (module), attenuation: SAT-0.5dB, SAT2-1.5 dB, RTV-0.5 dB input frequency SAT: 5-2400 MHz; RTV: 5-862 MHz	10
	1591048- ...	R-TV-DATA socket (module), attenuation: DATA-3dB, TV-10 dB, R-14 dB input frequency 5-862 MHz	10

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)

	1591049- ...	DATA-TV aerial socket (module), two outputs type "F", attenuation: DATA-4 dB, TV-5 dB input frequency 5-1000MHz	10
	1591475- ...	Single aerial socket (module)	10

IT / TELEPHONE SOCKETS

	1591480- ...	Single telephone socket RJ11 (module)	10
	1591531- ... <small>NEW</small>	Single telephone socket RJ12 (module)	10
	1591589- ...	Double telephone socket RJ11 (module)	10
	1591532- ... <small>NEW</small>	Double telephone socket RJ12 (module)	10
	1591551- ... <small>NEW</small>	RJ45 single computer socket cat. 5e (module)	10
	1591561- ... <small>NEW</small>	RJ45 single computer socket cat. 6 (module)	10
	1591553- ... <small>NEW</small>	RJ45 single computer socket cat. 5e (shielded), with anti-dust cover (module)	10
	1591563- ... <small>NEW</small>	RJ45 single computer socket cat. 6, with anti-dust cover (module)	10

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)

	1591552-... <small>NEW</small>	RJ45 double computer socket cat. 5e (module)	10
	1591562-... <small>NEW</small>	RJ45 double computer socket cat. 6 (module)	
	1591554-... <small>NEW</small>	RJ45 double computer socket cat. 5e (shielded), with anti-dust cover (module)	10
	1591564-... <small>NEW</small>	RJ45 double computer socket cat. 6 (shielded), with anti-dust cover (module)	
	1591542-... <small>NEW</small>	RJ45 computer socket cat. 6 + RJ12 telephone socket (module)	10
	1591530-... <small>NEW</small>	Double Keystone flat IT/telephone socket cover (module) Dedicated RJ45 inserts below	10
	BWB-...	Blind for RJ45/RJ12 socket	50

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)

IT SOCKET INSERTS

5e category (unshielded)

	CJ545U	RJ45 computer socket insert, cat. 5e UTP, Simon Connect
	ARJ455e	RJ45 computer socket insert cat. 5e UTP, AMP
	MRJ455e	RJ45 computer socket insert, cat. 5e UTP, Molex
	LRJ455e	RJ45 computer socket insert cat. 5e UTP, Leviton

5e category (shielded)

	LRJ455ekr	RJ45 computer socket insert, cat. 5e STP, Leviton
--	-----------	---


6 category (unshielded)

	CJ645U	RJ45 computer socket insert, cat. 6 UTP, Simon Connect
	ARJ456	RJ45 computer socket insert, cat. 6 UTP, AMP
	LRJ456	RJ45 computer socket insert cat. 6 UTP, Leviton
	MRJ456	RJ45 computer socket insert, cat.6 UTP, Molex


6 category (shielded)

	CJ645FM	RJ45 computer socket insert cat. 6 FTP, Simon Connect
--	---------	---


How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour Packaging unit (pcs)


	LRJ456ekr	RJ45 computer socket insert, cat. 6 STP, Leviton
---	-----------	--

6a category (unshielded)


	LRJ456A	RJ45 computer socket insert, cat. 6a UTP, Leviton
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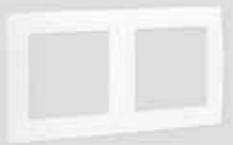
6a category (shielded)


	FRJ456Aekr	RJ45 computer socket insert, cat. 6a STP, FMT
---	------------	---


	LRJ456Aekr	RJ45 computer socket insert, cat. 6a STP, Leviton
---	------------	---

FRAMES


	1501610- ...	Single frame – horizontal and vertical	40
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	1501620- ...	Double frame – horizontal and vertical	25
---	--------------	--	----


	1501630- ...	Triple frame – horizontal and vertical	20
---	--------------	--	----


	1501640- ...	Quadruple frame – horizontal and vertical	20
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How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour Packaging unit (pcs)


	1501650- ...	5-gang frame – horizontal and vertical	20
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IP44 SEALS

	1501610U	Single frame seal for IP44 switches and sockets	15
---	----------	---	----

	1501620U	Double frame seal for IP44 switches and sockets	10
---	----------	---	----



	1501630U	Triple frame seal for IP44 switches and sockets	10
---	----------	---	----

	1501640U	Quadruple frame seal for IP44 switches and sockets	10
---	----------	--	----

	1501650U	5-gang frame seal for IP44 switches and sockets	10
---	----------	---	----

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)

	<p>PSC-... NEW</p>	<p>Assembled surface mounted wall box (40 mm), element "C" 10 ! AVAILABLE IN COLORS: 030 031 026</p>
	<p>PSH-... NEW</p>	<p>Assembled surface mounted wall box (40 mm), element "H" 10 ! AVAILABLE IN COLORS: 030 031 026</p>



Nature likes touch

KONTAKT simon
**SWITCHES
AND SOCKETS**

SIMON 27 PLAY

Simon 27
play



- 158 SWITCHES 10AX 250 V~
- 159 ROLLER BLIND SWITCHES
- 160 SOCKETS
- 161 RTV-SAT SOCKETS
- 161 IT / TELEPHONE SOCKETS
- 162 INSERTS FOR IT / TELEPHONE SOCKETS
- 164 DIMMERS / REMOTE CONTROL PRODUCTS 230 V~
- 165 SWITCHES WITH MOTION SENSOR
- 166 ELECTRONIC PRODUCTS
- 167 OTHER PRODUCTS
- 167 ACCESSORIES
- 168 BASE FRAMES
- 168 SANITARY SOLUTIONS
- 169 BUTTONS
- 170 COVERS

Simon 34

Simon Basic

Simon Classic

Simon 15

Simon 27 Play

Simon Akord

Simon Aquarius

Technical information

SIMON 27 PLAY IS AN ALTERNATIVE FOR PEOPLE WHO ARE LOOKING FOR UNUSUAL SOLUTIONS. COLLECTION HAS A WIDE RANGE OF DECORATIVE COVERS AND TRANSPARENT ONCE IN WHICH YOU CAN PLACE YOUR OWN PHOTOGRAPH SO SWITCHES AND SOCKETS CAN BE A FAMILY ALBUM OR OWNER'S PORTFOLIO. SIMON 27 PLAY IS PERFECT FOR ARTIST'S HOME, KINDERGARTEN OR ANY SPACE WHERE MONOLITHIC ARRANGEMENT CALLS FOR A BREAK. THE POTENTIAL OF THE PRODUCTS HAS BEEN SKILLFULLY USED BY THE OWNER OF THE HOUSE IN THE COUNTRYSIDE WHERE A QUIET, SUBDUED SPACE WAS EMBELLISHED WITH COLORED AND PATTERNED FRAMES OF SWITCHES AND SOCKETS.



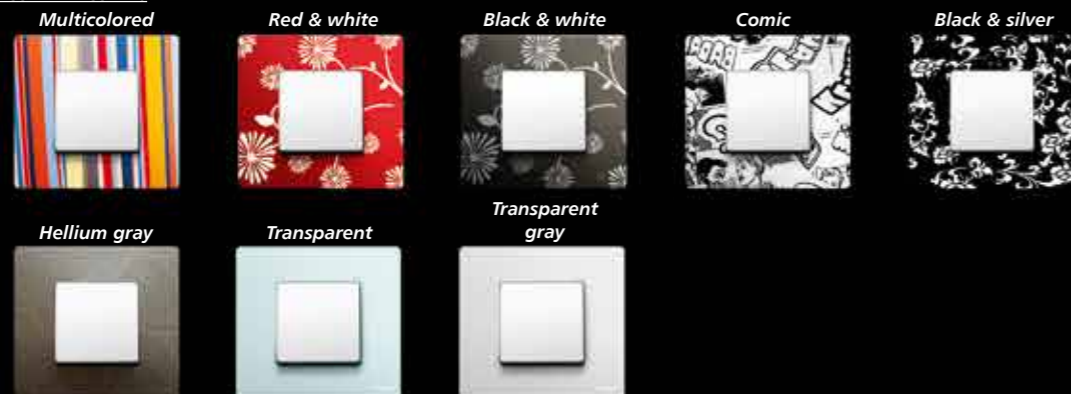
PASTEL COVERS



MATALLIZED COVERS



DECORATIVE COVERS



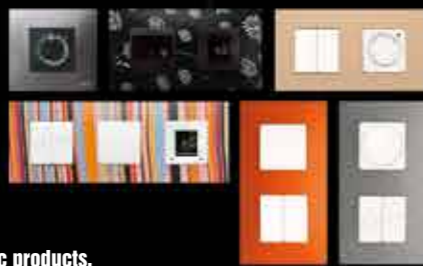
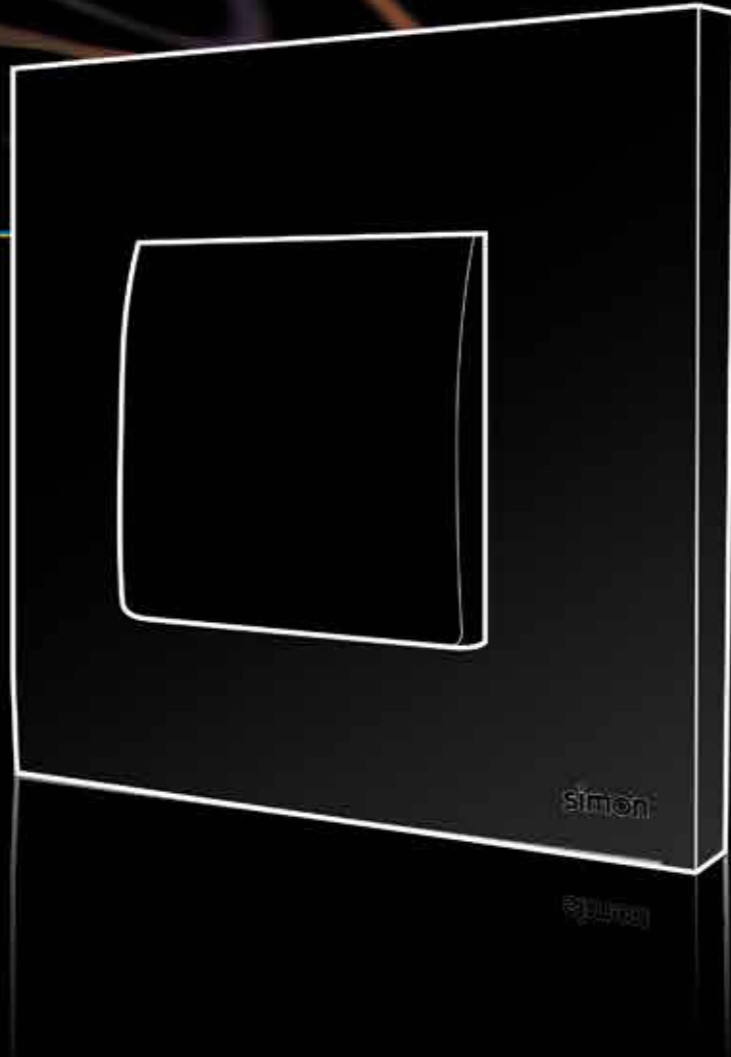
Simon 27 play

INNOVATIVE, MULTICOLOR FRAMES FULL OF PASTELS, METALLIC GLOSS AND PATTERNS HAVE BECOME AN INTERIOR ACCESSORY WHICH CAN BE ADAPTED TO ANY, EVEN THE MOST ECCENTRIC ARRANGEMENT.



KONTAKT simon
SWITCHES
AND SOCKETS
TECHNICAL
ADVANTAGES

The most designer-friendly series
on the market.

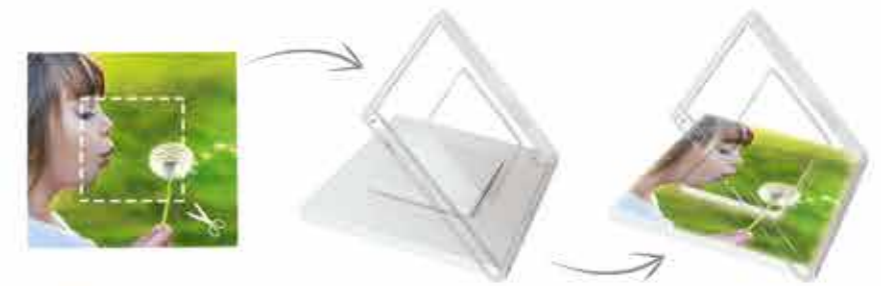
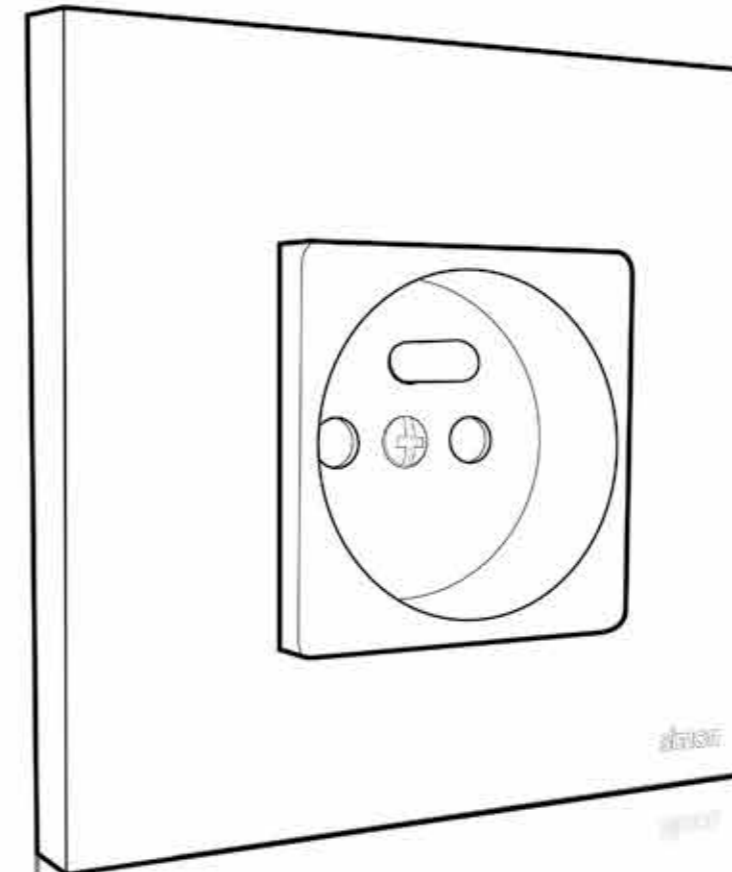


Can be adapted to modern electronic products.

Simon 27
play



24 coloured covers
the easy way to change
a look of product.



**Transparent frame
and button cover**
allow to place inside
any photograph.



SWITCHES



IP44 SINGLE SWITCHES AND PUSH BUTTONS (SPLASH PROOF) Assembly only with screws!



SOCKETS



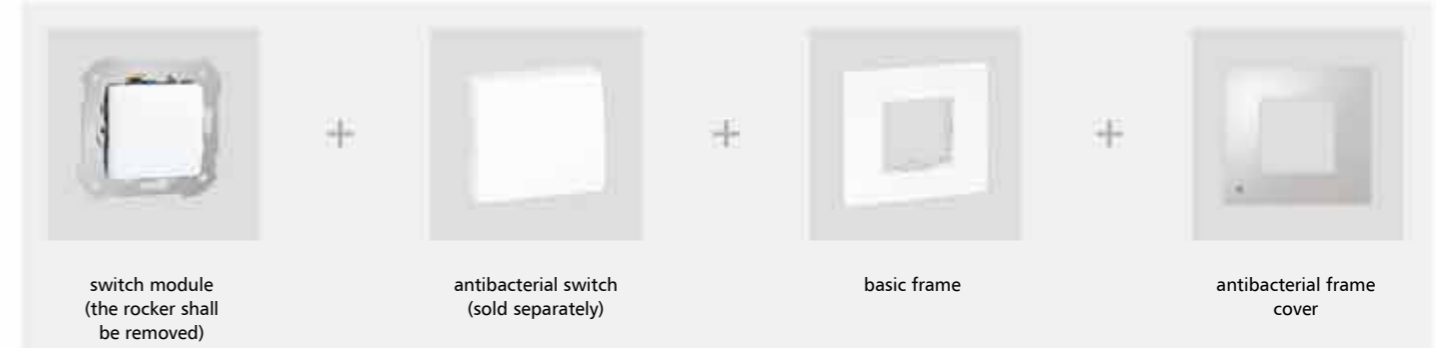
IP44 SOCKETS (SPLASH PROOF) Assembly only with screws



TELEPHONE SOCKET OUTLET



ANTIBACTERIAL SWITCH



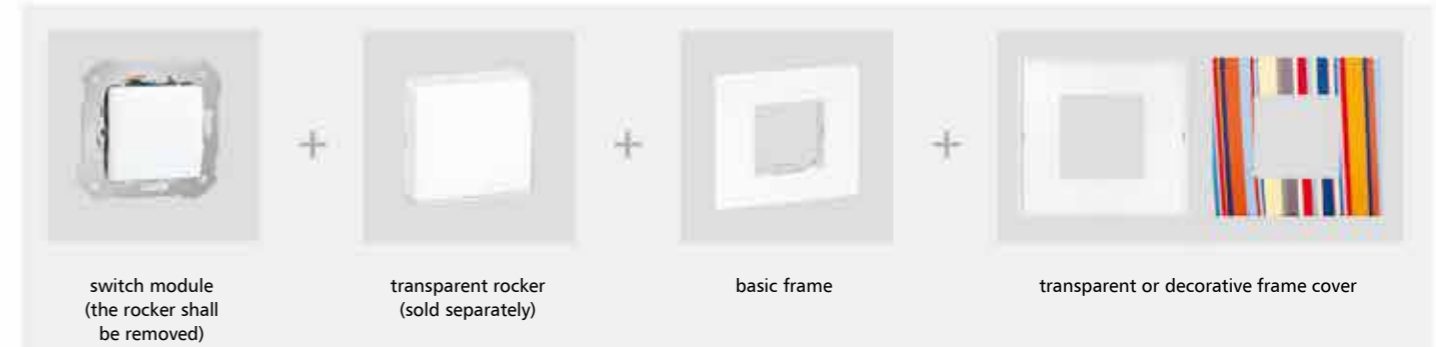
IT / TELEPHONE SOCKET OUTLETS



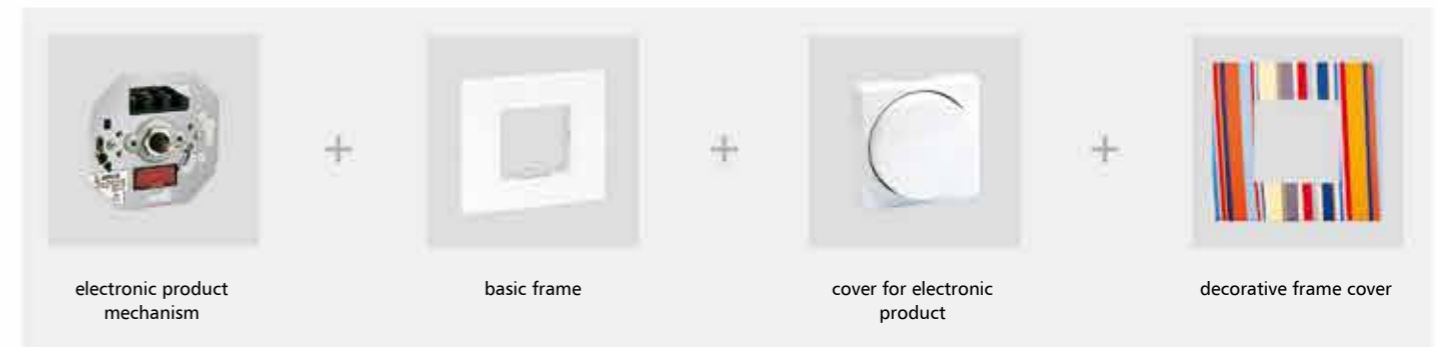
SWITCHES WITH GRAPHITE ROCKERS



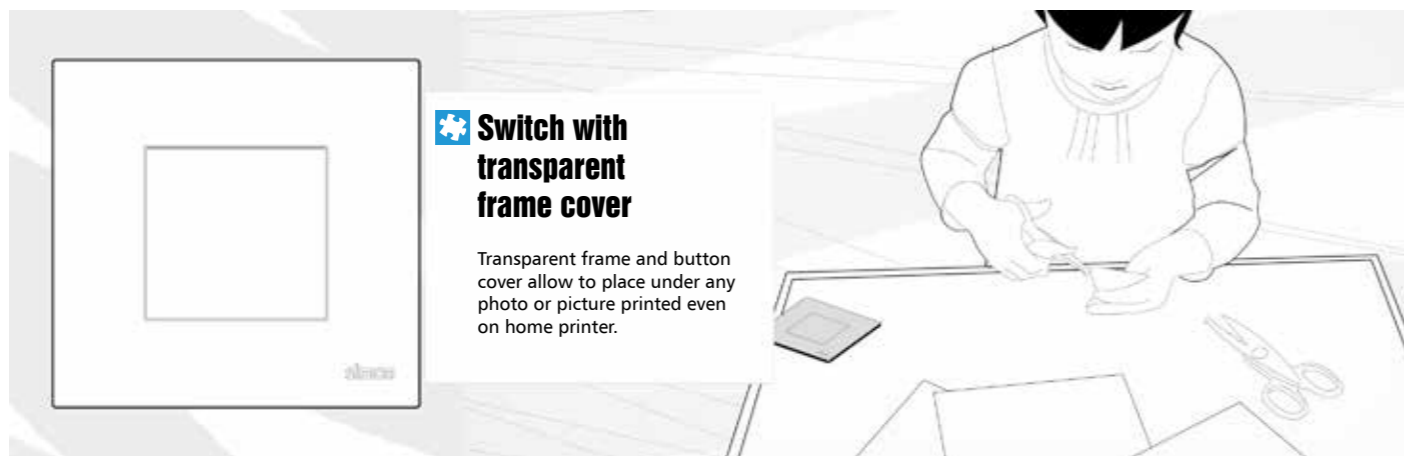
TRANSPARENT SWITCHES











ELECTRONIC PRODUCTS





SWITCHES 10AX 250 V~



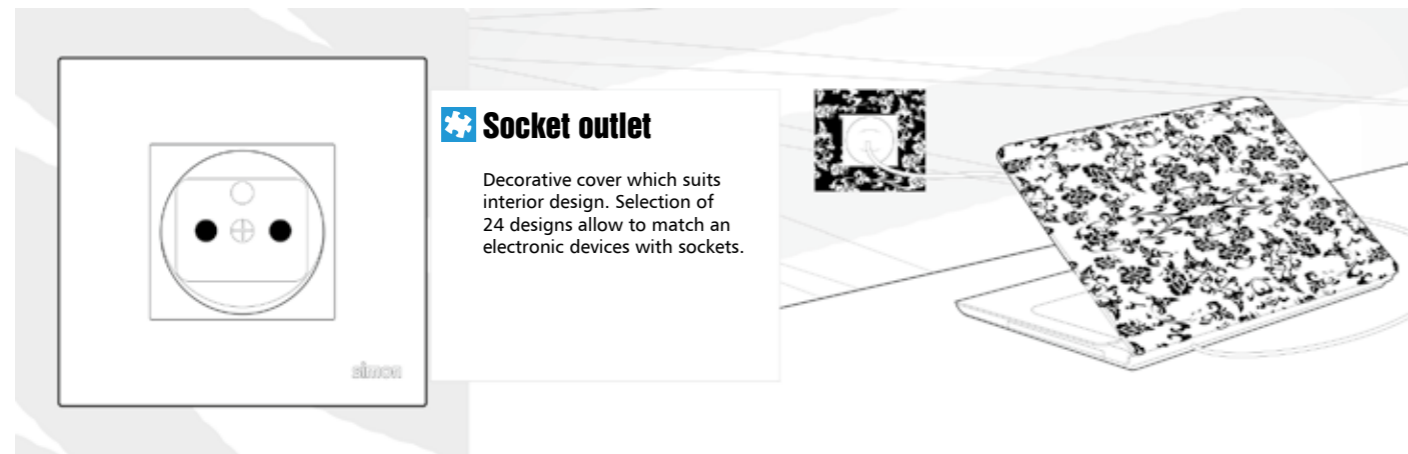
	27101-01 -65	Single pole switch (module)	8
	27398-01 -65	Two-circuit switch (module)	8
	27201-01 -65	Two-way switch (module)	8
	27397-01 -65	Double two-way switch (module)	8
	27251-01 -65	Intermediate switch (module)	8





	27150-01 -65	Single "bell" push button (module)	8
	27151-01 -65	Single "light" push button (module)	8
	27659-01 -65	Single contact push button without pictogram (module)	8

ROLLER BLIND SWITCHES





	27332-01 -65	Single roller blind push button (module)	8
	27333-01 -65	Three position roller blind switch (module)	8

SOCKETS




	27458-01 -35	Single socket outlet with earthing, with shutters (module)	8
	27431-01 -65	Single socket outlet without earthing, with shutters (module)	8
	27469-01 -58	Single DATA socket outlet with earthing and socket protection element (module), red	10
	27432-01 -65 <small>NEW</small>	Single socket outlet with Schuko earthing, with shutters (modul)	8

AERIAL SOCKETS

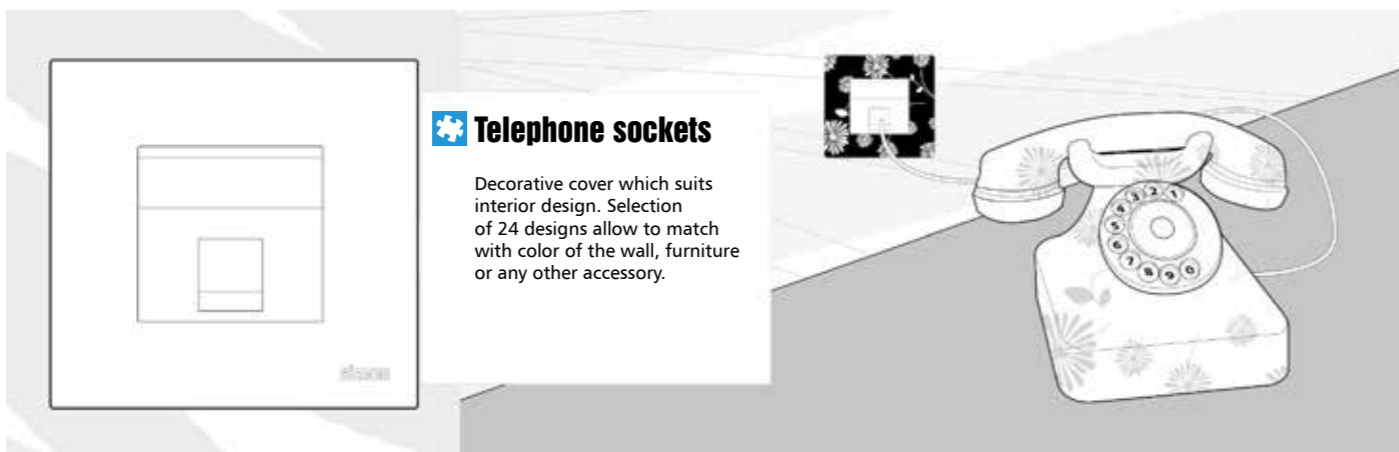
	RTV-SAT sockets			
	75486 -39	Final RTV-SAT socket (RT V-0,6 dB, SAT -1,5 dB) – mechanism		10
	75487 -39	Pass-through RTV-SAT socket (RTV-8,5 dB, SAT-10) – mechanism		10
	75488 -39	End RTV-SAT socket (RTV-4 dB, SAT -5 dB) – mechanism	10	
			27097 -34 pcs/outer 20	
	RTV-SAT socket (module)			
	75466 -69	Final RTV-SAT socket (RTV-2 dB, SAT -3,5 dB) – mechanism		10
			27097 -34 pcs/outer 20	







IT / TELEPHONE SOCKETS

	4490783 -035	Simon 27 IP55 surface mounted casing	1
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How to use it:









	27481-01 -35	Telephone socket RJ12 (module). Assembly with screws or claws	8
	27087-01 -35	Cover for RJ45 or RJ11/12 socket (module). Assembly with screws or claws  Dedicated RJ45 inserts below	8
	27486-01 -35	Cover for 1 or 2 RJ45 or RJ11/12 socket (module). Assembly with screws or claws  Dedicated RJ45 inserts below	8
	27800-01 -35 <small>NEW</small>	Frame blind (module). Assembly with screws or claws	


IT / TELEPHONE SOCKET INSERTS

	75528L -39	RJ12 telephone socket insert, Leviton
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Category 5e – UTP (unshielded)

	75540L -39	RJ45 computer socket insert, cat. 5e, Leviton
	CJ545U	RJ45 computer socket insert, cat. 5e UTP, Simon Connect
	ARJ455e	RJ45 computer socket insert cat. 5e UTP, AMP
	LRJ455e	RJ45 computer socket insert cat. 5e UTP, Leviton



Category 5e – FTP/STP (shielded)

	CJ545FM	RJ45 computer socket insert cat. 5e FTP, Simon Connect
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Category 6 – UTP (unshielded)

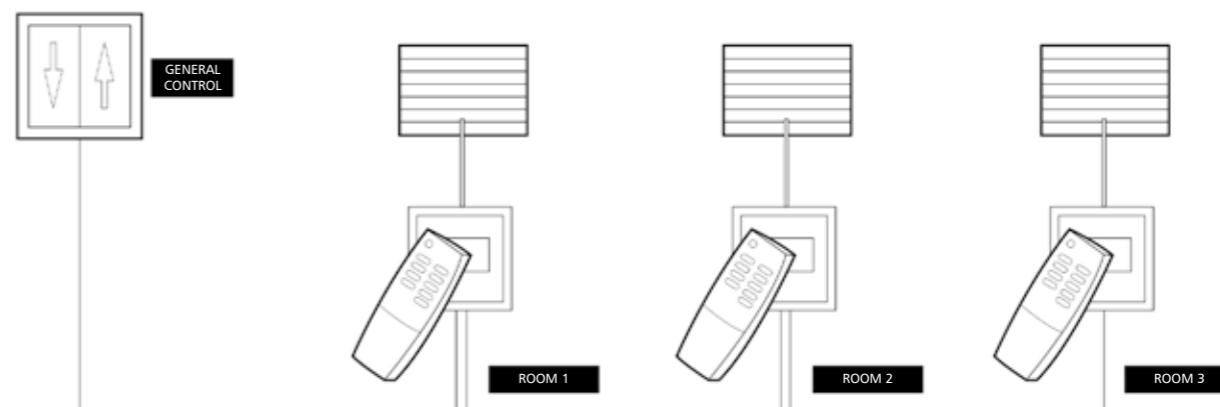
	CJ645U	RJ45 computer socket insert cat. 6 UTP, Simon Connect
	KRJ456	RJ45 computer socket insert cat. 6 UTP, Krone, type KM8
	LRJ456	RJ45 computer socket insert cat. 6 UTP, Leviton


Category 6 – FTP/STP (shielded)

	CJ645FM	RJ45 computer socket insert cat. 6 FTP, Simon Connect
	KRJ456kr	RJ45 computer socket insert cat. 6 STP, Krone, type KM8



DIMMERS / REMOTE CONTROL PRODUCTS 230 V~

	75313 -39	Rotary-Push dimmer 40–500 W/VA (mechanism) for: • incandescent lamps • halogen lamps 230 V~ • halogens lamps with electromagnetic transformers (max. 350 W) Can work with two-way switch Protection fuse T 2,5 A	1			
	75311 -39	Rotary-Push dimmer 40–300 W/VA (mechanism) for: • incandescent lamps • halogen lamps 230 V~ • halogens lamps with electromagnetic transformers (max. 200 W) Protection fuse T 2,5 A	1	27054 -35		pcs/outer 10
	75317 -39	Rotary-Push dimmer 40–300 W/VA (mechanism max. 3A) for fluorescent lamps powered with electronic ballast Protection fuse T 2,5 A	1			
	75319 -39	Universal rotary-pusk dimmer 40–420 W/VA (mechanism) for: • incandescent lamps • halogen lamps 230 V~ • halogens lamps with electromagnetic transformers (max. 200 W) • halogens lamps with electronic transformers Can work with two-way switch Protection fuse T 2,5 A	1			
	75355 -39	Illuminated push dimmer, to work with remote control, 40–500 W/VA (mechanism) for: • incandescent lamps • halogen lamps 230 V~ • halogens lamps with electromagnetic transformers (max. 350 W) Can work with two-way switch Manual switch-on delay from 0 to 999 min Protection fuse T 2,5 A Can be use with any remote control	1	27997 -39		pcs/outer 10
	75358 -39	Electronic roller blind switch (mechanism) 700 W/VA, 230 V~. Can be use with remote control Work as a central unit with switch 75331-39 to control roller blinds	1	27997 -39		pcs/outer 10

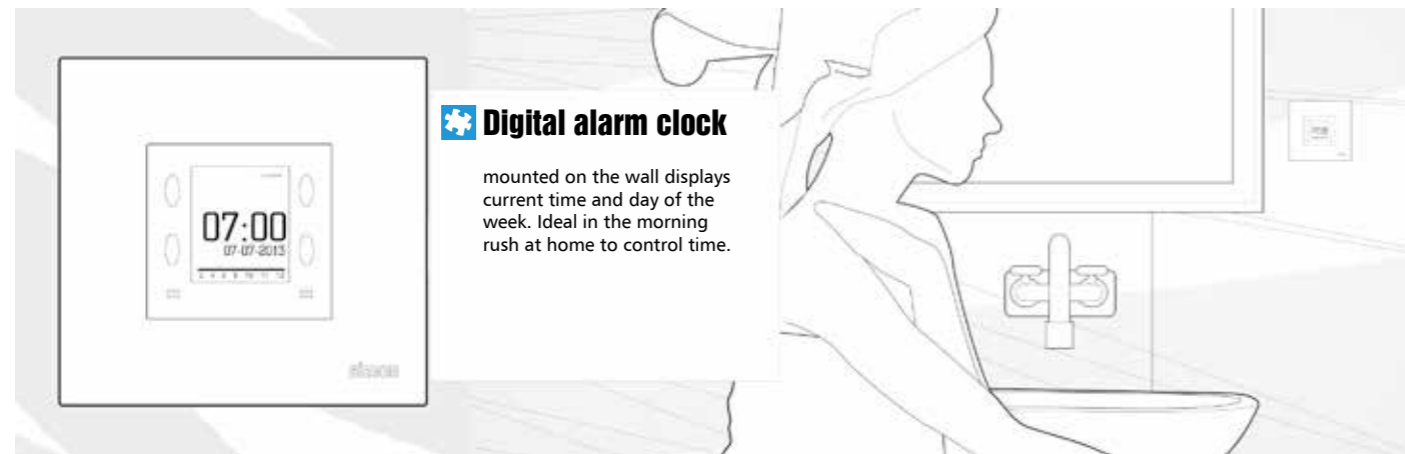


	75350 -69	Infrared remote control: • control up to 10 channels • range from 6 to 9 meters • emission angle 60 degrees • light regulation: 25%, 100% or gradually • powered by: 1 battery 3V CR2025 (included)	1	
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SWITCH WITH MOTION SENSOR

	75343 -39	Switch with motion sensor for: • incandescent and halogen lamps 230 V~ (up to 2600 W) • halogen lamps powered by electric/electromagnetic transformers (up to 650/550 VA) • fluorescent lamps (max. 520 VA) • engines (up to 3 A) Power supply 230 V~, detector emission angle 180° Max. detector range: 9 meters. Configuration time – 4 seconds to 10 minutes. Light intensity regulation 0–1000 lx *3-wire installation required	1	27060 -35		pcs/outer 10
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ELECTRONIC PRODUCTS




	75500 -39	Rotary thermostat for central heating 16 (8 A). Temperature range 5–35°C	1		27505	-35	pcs/outer 10
	75815 -39	Digital alarm clock (mechanism): • 2 independent alarms: hour, minute/day of the week • display with hours and minutes • Operation: home: alarm snooze – 5 minutes hotel: single alarm • automatic summer/winter time change • power supply 230 V~	1		27555	-35	pcs/outer 10
	75817 -39	Digital thermostat with display (mechanism): • for air conditioning or central heating • automatic mode: 8 programmes hour/day of the week • temperature modes: comfort (day), saving (night), anti-freezing (2°C) • 3 languages: English, Spanish, Portuguese • power supply: 230 V~ • rely output 8 (2) A, break contact	1		27555	-35	pcs/outer 10
	75818 -39	Digital programmer (mechanism): • manual mode: on/off • automatic mode: 20 programmes (10 – on/10 – off), hour, minute/day of the week • random mode: presence simulator • 3 languages: English, Spanish, Portuguese • automatic summer/winter time change • power supply: 230 V~ • rely output 8 (2) A, break contact!	1		27555	-35	pcs/outer 10

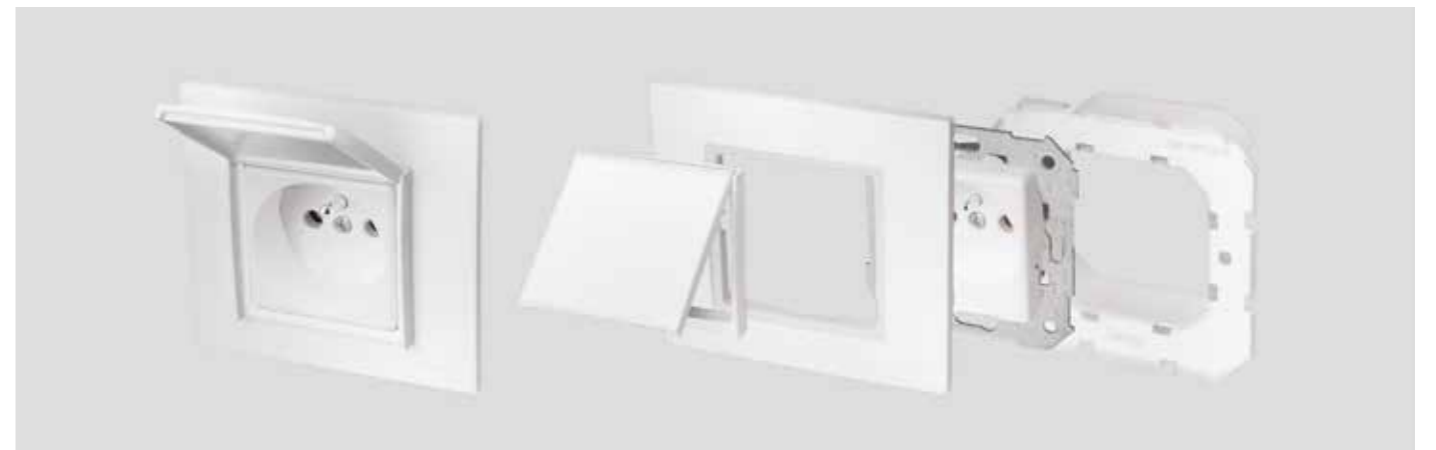
	75820 -39 NEW	Digital programmer for controlling roller blinds (mechanism): • manual mode • programmed blinds rolling up/down(10 up/10 down) accordind to days of the week • random mode: presence simulator • 3 languages: English, Spanish, Portuguese • power supply: 230 V~ • rely output 5 (1) A	1		27555	-35	pcs/outer 10
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OTHER PRODUCTS

	27801-01 -35	Cable terminal (module)	1				
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ACCESSORIES

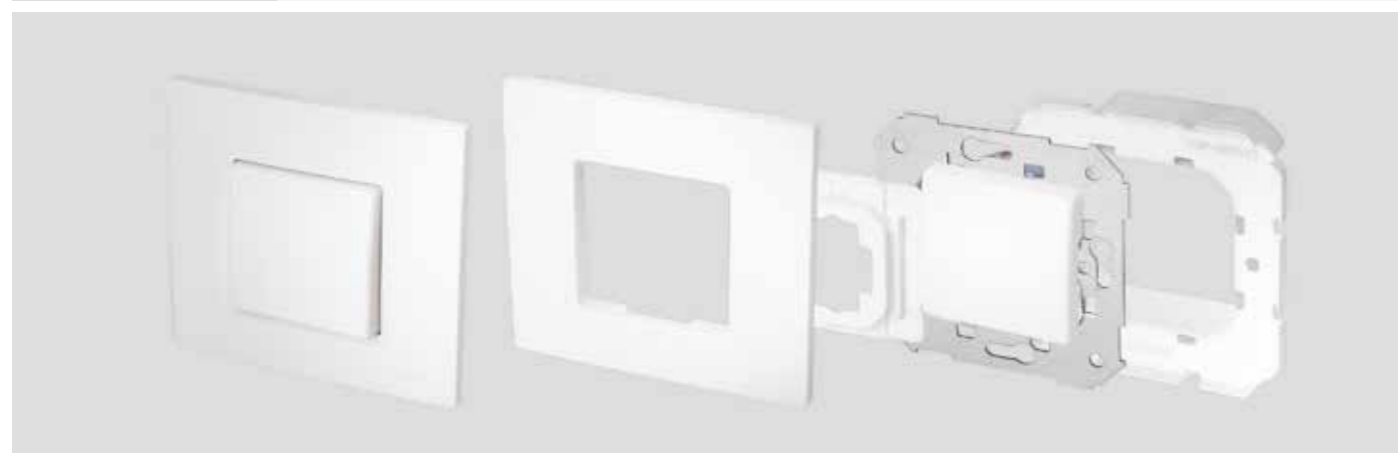
	2700950 -030	IP44 seal for sockets (IP44 sockets – assembly with screws)	10				
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Packaging unit (pcs)

Packaging unit (pcs)




	2700951 -030	IP44 seal for switches (IP44 switches – assembly with screws)	10
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BASIC FRAMES

	2709610 -030	Single frame (white) – horizontal or vertical	20
	2709620 -030	Double frame (white) – horizontal or vertical	10
	2709630 -030	Triple frame (white) – horizontal or vertical	10
	2709640 -030	Quadruple frame (white) – horizontal or vertical	10
	2701610 -030	Single IP44 frame (white) – not suitable for decorative covers	20
	2701620 -030	Double IP44 frame (white) – not suitable for decorative covers	10
	2701630 -030	Triple IP44 frame (white) – not suitable for decorative covers	10
	2701640 -030	Quadruple IP44 frame (white) – not suitable for decorative covers	10

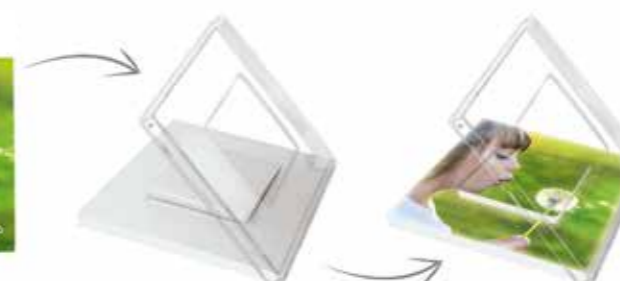
SANITARY SOLUTIONS

	2700617 -060	Single antibacterial cover	20	 

BUTTONS

	2720010 -038	Single graphite button
	2710010 -038	Two-way switch graphite button
	2720010 -108	Single transparent button

Photo



Switch with a photo









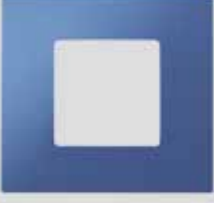

















































For more details visit: www.kontakt-simon.com.pl/play

Packaging unit (pcs)

















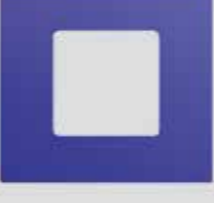























Packaging unit (pcs)

PASTEL COVERS

	2700617 -037	Red	20
	2700627 -037		20
	2700637 -037	 	15
	2700647 -037	   	20
	2700617 -064	Blue	20
	2700627 -064		20
	2700637 -064	 	15
	2700647 -064	   	20
	2700617 -070	Cream	20
	2700627 -070		20
	2700637 -070	 	15
	2700647 -070	   	20
	2700617 -072	Orange	20
	2700627 -072		20
	2700637 -072	 	15
	2700647 -072	   	20
	2700617 -062	Yellow	20
	2700627 -062		20
	2700637 -062	 	15
	2700647 -062	   	20
	2700617 -065	Pistachio	20
	2700627 -065		20
	2700637 -065	 	15
	2700647 -065	   	20

	2700617 -071	Black	20
	2700627 -071		20
	2700637 -071	 	15
	2700647 -071	   	20





METALLIZED COVERS





	2700617 -041	Titanium metallized	20
	2700627 -041		20
	2700637 -041	 	15
	2700647 -041	   	20
	2700617 -081	Yellow metallized	20
	2700627 -081		20
	2700637 -081	 	15
	2700647 -081	   	20
	2700617 -083	Blue metallized	20
	2700627 -083		20
	2700637 -083	 	15
	2700647 -083	   	20
	2700617 -085	Aubergine metallized	20
	2700627 -085		20
	2700637 -085	 	15
	2700647 -085	   	20
	2700617 -080	Red metallized	20
	2700627 -080		20
	2700637 -080	 	15
	2700647 -080	   	20





Simon 34
Simon Basic
Simon Classic
Simon 15
Simon 27 Play
Simon Akord
Simon Aquarius
Technical information





Packaging unit (pcs)

Packaging unit (pcs)





	2700617 -082	Orange metallized	20
	2700627 -082		20
	2700637 -082		15
	2700647 -082		20


	2700617 -084	Green metallized	20
	2700627 -084		20
	2700637 -084		15
	2700647 -084		20



	2700617 -086	Black metallized	20
	2700627 -086		20
	2700637 -086		15
	2700647 -086		20





	2700617 -042	INOX steel metallized	20
	2700627 -042		20
	2700637 -042		15
	2700647 -042		20





DECORATIVE COVERS





	2700617 -801	Multicolor	20
	2700627 -801		20
	2700637 -801		15
	2700647 -801		20





	2700617 -803	Red & white	20
	2700627 -803		20
	2700637 -803		15
	2700647 -803		20





	2700617 -802	Black & white	20
	2700627 -802		20
	2700637 -802		15
	2700647 -802		20


	2700617 -800	Comic	20
	2700627 -800		20
	2700637 -800		15
	2700647 -800		20

	2700617 -804	Black & silver	20
	2700627 -804		20
	2700637 -804		15
	2700647 -804		20

	2700617 -805	Helium gray	20
	2700627 -805		20
	2700637 -805		15
	2700647 -805		20

	2700617 -112	Transparent gray	20
	2700627 -112		20
	2700637 -112		15
	2700647 -112		20

	2700617 -108	Transparent	20
	2700627 -108		20
	2700637 -108		15
	2700647 -108		20

	FRAME DIMENSIONS
	1 module frame 86 × 93 mm
	2 module frame 86 × 164 mm
	3 module frame 86 × 236 mm
	4 module frame 86 × 306 mm

KONTAKT simon
**SWITCHES
AND SOCKETS**
SIMON AKORD

Simon Akord



- 180 SWITCHES IP20/IP44
- 185 SOCKETS IP20
- 186 SOCKETS IP44
- 187 AERIAL SOCKETS
- 188 IT / TELEPHONE SOCKET OUTLETS
- 189 OTHER PRODUCTS

Simon 34

Simon Basic

Simon Classic

Simon 15

Simon 27 Play

Simon Akord

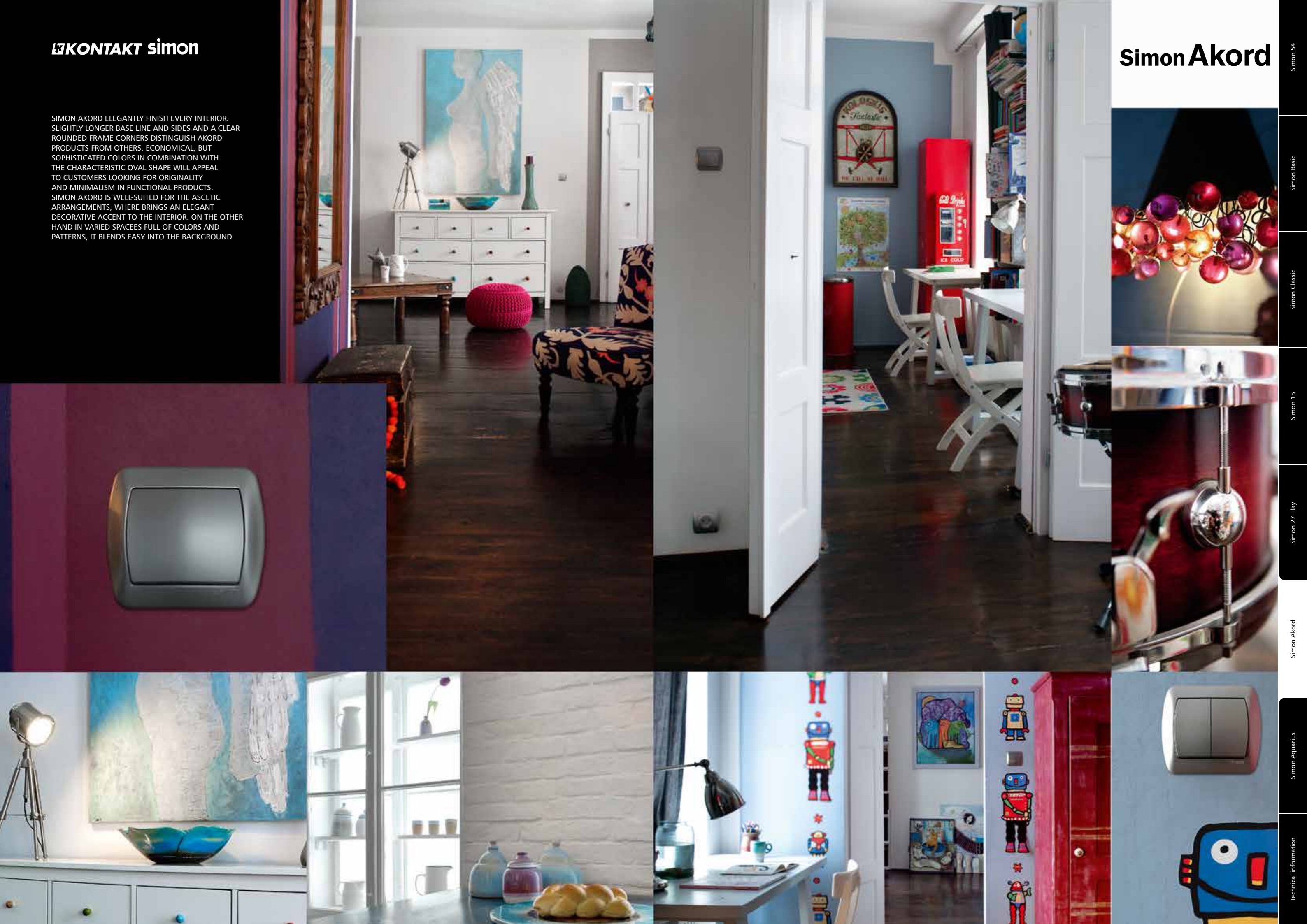
Simon Aquarius

Technical information

KONTAKT simon

SIMON AKORD ELEGANTLY FINISH EVERY INTERIOR. SLIGHTLY LONGER BASE LINE AND SIDES AND A CLEAR ROUNDED FRAME CORNERS DISTINGUISH AKORD PRODUCTS FROM OTHERS. ECONOMICAL, BUT SOPHISTICATED COLORS IN COMBINATION WITH THE CHARACTERISTIC OVAL SHAPE WILL APPEAL TO CUSTOMERS LOOKING FOR ORIGINALITY AND MINIMALISM IN FUNCTIONAL PRODUCTS. SIMON AKORD IS WELL-SUITED FOR THE ASCETIC ARRANGEMENTS, WHERE BRINGS AN ELEGANT DECORATIVE ACCENT TO THE INTERIOR. ON THE OTHER HAND IN VARIED SPACES FULL OF COLORS AND PATTERNS, IT BLENDS EASY INTO THE BACKGROUND

Simon Akord



Simon 34

Simon Basic

Simon Classic

Simon 15

Simon 27 Play

Simon Akord

Simon Aquarius

Technical information

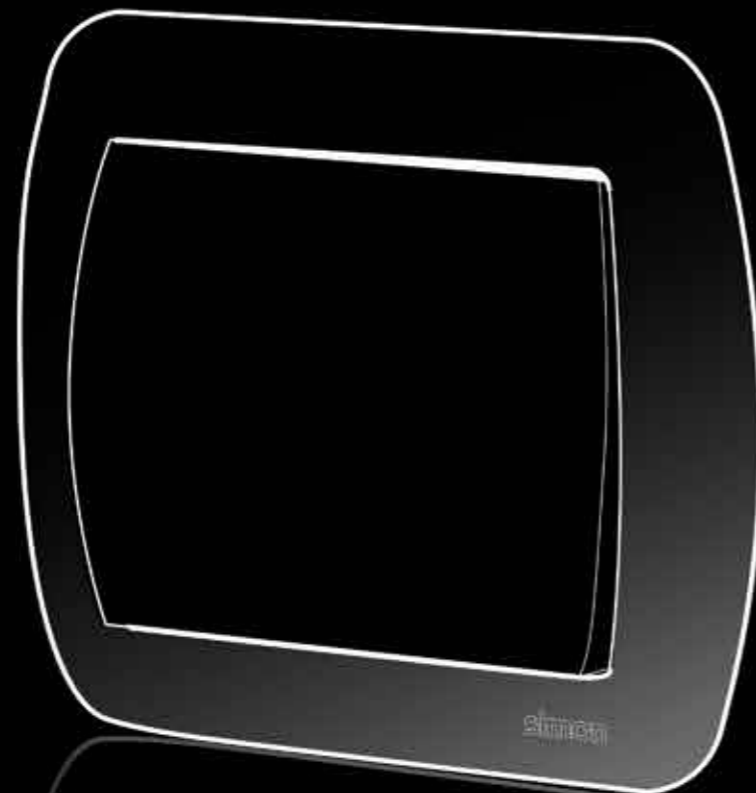
KONTAKT simon
**SWITCHES
 AND SOCKETS**
**TECHNICAL
 ADVANTAGES**



Safe sockets
 Protected against
 inserting objects
 other than the plug.



Slim line
 product after mounting
 protrudes only 11mm
 from the wall.



**Same external
 dimensions** of all
 products in series
 like switch or
 double socket.

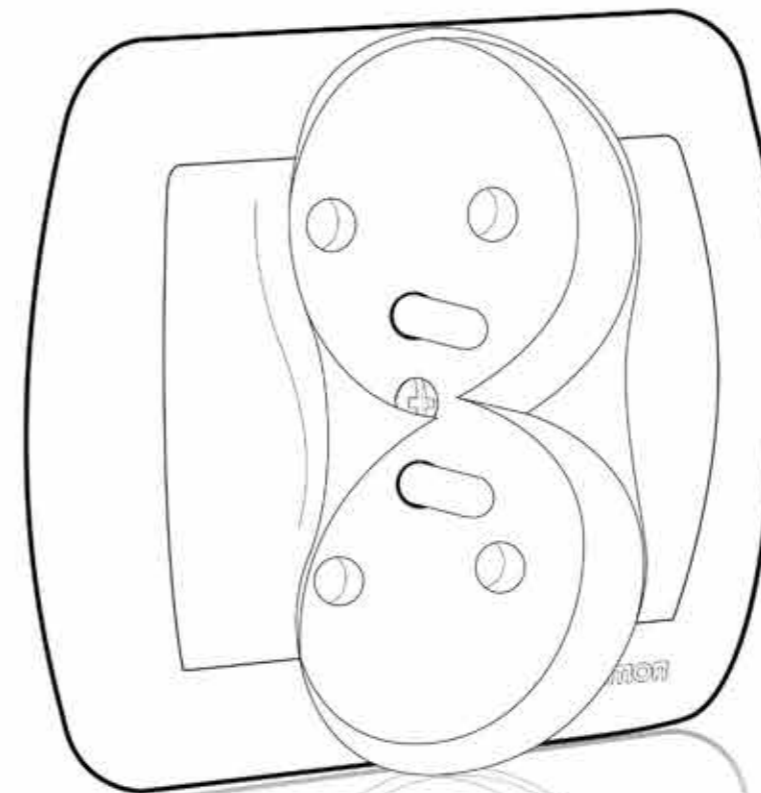


**4 colors including
 two metallized:**
 white, beige,
 aluminum metallized,
 satin metallized.

Simon Akord



Captive claw screws
 in mechanisms of
 switches and sockets.



**IP44 socket flap
 opens 180°** for
 easy plug fit and
 to prevent flap
 breaking.



Surface mounted boxes
 in all 4 colors of the
 series.









Diagonal claws
 in double socket to provide
 a solid installation in the box.

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour








Packaging unit (pcs)

SWITCHES IP20/IP44

	AW1/..	Single pole switch, 10 AX, 250 V~, screw terminals	10
	AW1B/..	IP44 single pole switch, 10 AX, 250 V~, screw terminals	10
	AW1L/..	Single pole switch illuminated, 10 AX, 250 V~, screw terminals	10
	AW1BL/..	IP44 single pole switch illuminated, 10 AX, 250 V~, screw terminals	10
	AW5/..	Two-circuit switch, 10 AX, 250 V~, screw terminals	10
	AW5L/..	Two-circuit switch illuminated, 10 AX, 250 V~, screw terminals	10
	AW5B/..	IP44 two-circuit switch, 10 AX, 250 V~, screw terminals	10
	AW5BL/..	IP44 two-circuit switch illuminated, 10 AX, 250 V~, screw terminals	10

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour








Packaging unit (pcs)

	AW6/..	Two-way switch, 10 AX, 250 V~, screw terminals	10
	AW6B/..	IP44 two-way switch, 10 AX, 250 V~, screw terminals	10
	AW6L/..	Two-way switch illuminated, 10 AX, 250 V~, screw terminals	10
	AW6BL/..	IP44 two-way switch illuminated, 10 AX, 250 V~, screw terminals	10
	AW6/2/..	Double two-way switch, 10 AX, 250 V~, screw terminals	10
	AW6/2L/..	Double two-way switch illuminated, 10 AX, 250 V~, screw terminals	10
	AW6/2B/..	IP44 double two-way switch, 10 AX, 250 V~, screw terminals	10
	AW6/2BL/..	IP44 double two-way switch illuminated, 10 AX, 250 V~, screw terminals	10
	AW7/..	Intermediate switch, 10 AX, 250 V~, screw terminals	10

Simon 34
Simon Basic
Simon Classic
Simon 15
Simon 27 Play
Simon Akord
Simon Aquarius
Technical information


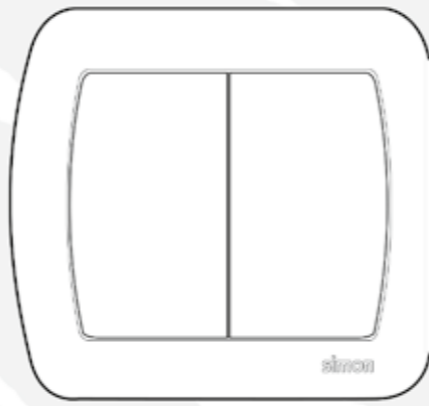
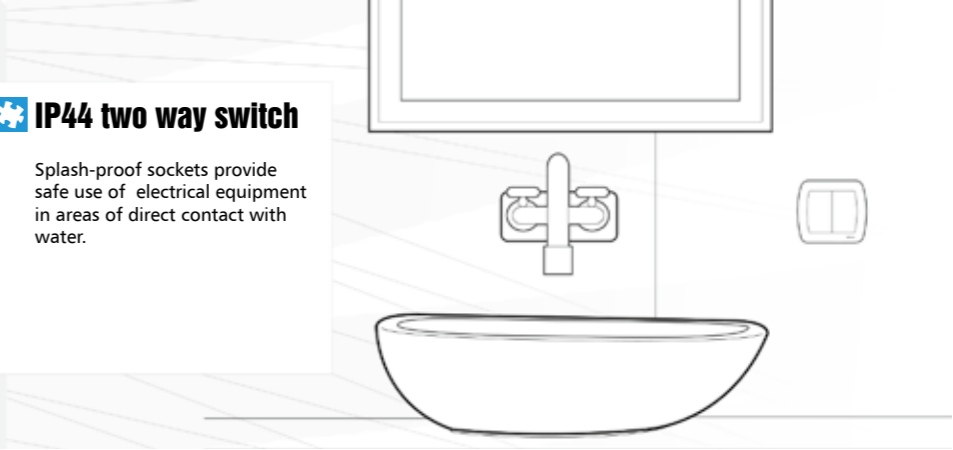




How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)

	AW7B/..	IP44 intermediate switch, 10 AX, 250 V~, screw terminals	10
	AW7L/..	Intermediate switch illuminated, 10 AX, 250 V~, screw terminals	10
	AW7BL/..	IP44 intermediate switch illuminated, 10 AX, 250 V~, screw terminals	10
	AS1/..	Single "light" push button, 10 AX, 250 V~, screw terminals	10
	AS1B/..	IP44 single "light" push button, 10 AX, 250 V~, screw terminals	10
	AS1L/..	Illuminated single "light" push button, 10 AX, 250 V~, screw terminals	10
	AS1BL/..	IP44 illuminated single "light" push button, 10 AX, 250 V~, screw terminals	10






How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)

	AD1/..	Single "bell" push button, 10 AX, 250 V~, screw terminals	10
 <p>IP44 two way switch</p> <p>Splash-proof sockets provide safe use of electrical equipment in areas of direct contact with water.</p> 			
	AD1B/..	IP44 single "bell" push button, 10 AX, 250 V~, screw terminals	10
	AD1L/..	Illuminated single "bell" push button, 10 AX, 250 V~, screw terminals	10
	AD1BL/..	IP44 illuminated single "bell" push button, 10 AX, 250 V~, screw terminals	10
	AZ1/..	Roller blind push button, 10 AX, 250 V~, screw terminals	10

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour





Packaging unit (pcs)

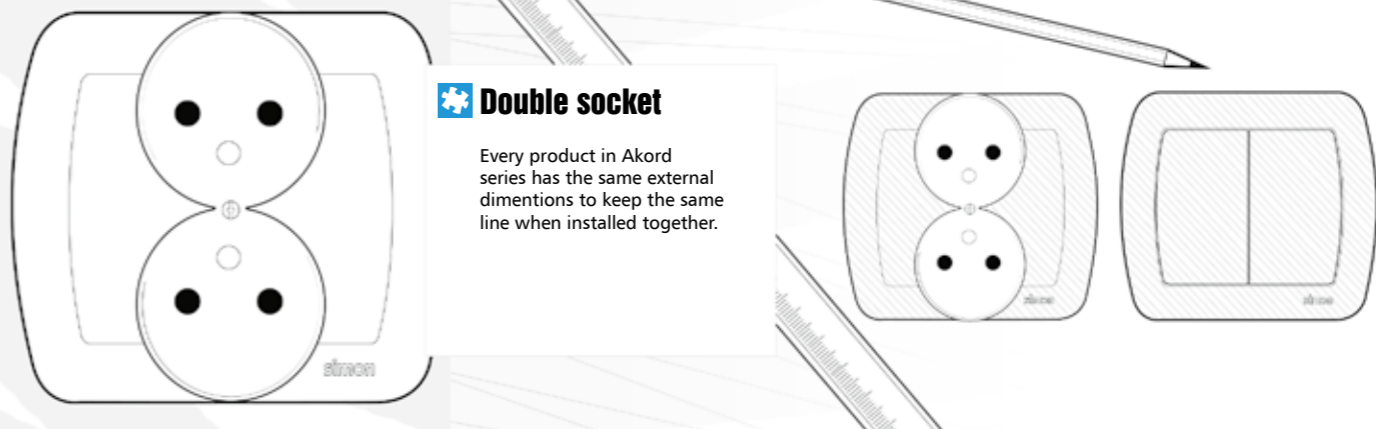
	AZ1B/..	IP44 roller blind push button, 10 AX, 250 V~, screw terminals	10
	AW2/..	Double pole switch, 10 AX, 250 V~, screw terminals	10
	AW2B/..	IP44 double pole switch, 10 AX, 250 V~, screw terminals	10
	AW2L/..	Double pole switch illuminated, 10 AX, 250 V~, screw terminals	10
	AW2BL/..	IP44 double pole switch illuminated, 10 AX, 250 V~, screw terminals	10

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)


SOCKETS IP20

	AGZ1e/..	Single socket outlet with earthing, 16 A, 250 V~, screw terminals	10
	AGZ1ze/..	Single socket outlet with earthing, with shutters, 16 A, 250 V~, screw terminals	10
	AG1e/..	Single socket outlet without earthing, 16 A, 250 V~, screw terminals	10
	AG1ze/..	Single socket outlet without earthing, with shutters, 16 A, 250 V~, screw terminals.	10







Double socket

Every product in Akord series has the same external dimensions to keep the same line when installed together.



	AGZ2/..	Double socket outlet with earthing, Σ16 A, 250 V~, screw terminals	10
	AGZ2z/..	Double socket outlet with earthing, with shutters, Σ16 A, 250 V~, screw terminals	10

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)

	AG2/..	Double socket outlet without earthing, Σ16 A, 250 V~, screw terminals	10
	AGSz1e/..	Single socket outlet with Schuko earthing, 16 A, 250 V~, screw terminals	10
	AGSz1ze/..	Single socket outlet with Schuko earthing, with shutters, 16 A, 250 V~, screw terminals	10
	AGSz2/..	Double socket outlet with Schuko earthing, Σ16 A, 250 V~, screw terminals	10
	AGSz2z/..	Double socket outlet with Schuko earthing, with shutters, Σ16 A, 250 V~, screw terminals	10
	AGZ2CZ/..	Double socket outlet with earthing, Czech pin system, Σ16 A, 250 V~, screw terminals	10
	AGZ2ZCZ/..	Double socket outlet with earthing, Czech pin system, without shutters, Σ16 A, 250 V~, screw terminals	10







SOCKETS IP44

	AGZ1Be/..a	IP44 single socket outlet with earthing, transparent flap, 16 A, 250 V~, screw terminals	10
	AGZ1Bze/..a	IP44 single socket outlet with earthing, with shutters, transparent flap, 16 A, 250 V~, screw terminals	10

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)

AERIAL SOCKETS







	AAK3/.. NOWOSC	Single aerial socket, assembly with screws and claws * Replacing AAK1/..	10
	AAK1/..	Single aerial socket, assembly with screws and claws * Limited stock	10
	AAK/..	R-TV final aerial socket, attenuation: TV-1.0dB, R-1.5 dB	10
	AAxx/..	R-TV pass-through aerial socket, attenuation x=10, 14, 16, 18, 20, 23 dB	10
	AAS/..	R-TV-SAT final aerial socket, attenuation: SAT, TV, R - 1,5dB. Can be use as a final socket for pass-through R-TV-SAT sockets	10
	AASP/..	R-TV-SAT pass-through socket, attenuation: SAT-8dB, TV-10dB, R-12dB	10
	AZAR+SAT3.1-P2/..	SAT-SAT-RTV final aerial socket (module), attenuation: SAT-0.5dB, SAT2-1.5dB, RTV-0.5dB input frequency SAT: 5-2400 MHz; RTV: 5-862 MHz	10
	AAD/..	R-TV-DATA socket, attenuation: DATA-3 dB, TV-10dB, R-14dB input frequency 5-862 MHz	10

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Technical information

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour





Packaging unit (pcs)

IT / TELEPHONE SOCKET OUTLETS

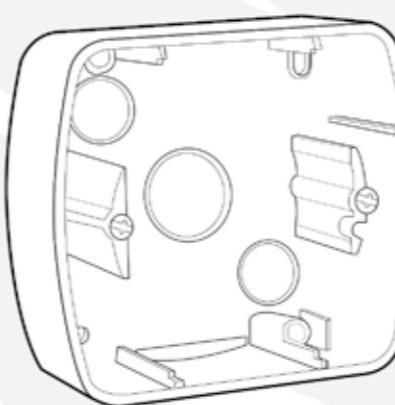
	AT1e/..	Single telephone socket RJ11, assembly with screws/claws	14
	AT1/..	Single telephone socket RJ12, assembly with screws	14
	AT2/..	Double telephone socket RJ12, assembly with screws	14
	ATF1/..	Single telephone socket RJ11, assembly with screws	14
	ATF2/..	Double telephone socket RJ11, assembly with screws	14
	AF51/..	Single computer socket RJ45 cat. 5e, assembly with screw	14

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)


	AF52/..	Double computer socket RJ45 cat. 5e, assembly with screws	14
	AF5T/..	Telephone socket RJ11 + computer socket RJ45 cat. 5e, assembly with screws	14
	A5T/..	Telephone socket RJ12 + computer socket RJ45 cat. 5e, assembly with screws	14
	PL-999a/..	IT/Telephone socket cover, assembly with screws	14


OTHER PRODUCTS



Surface mounted box

Akord product range include surface mounted boxes in all 4 colors of the series which provides unity of surface installed products.



	APN1/..	IP20 single surface mounted box	15
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KONTAKT simon
**SWITCHES
AND SOCKETS**

SIMON AQUARIUS
IP54

Simon Aquarius



196 SWITCHES IP54
197 SOCKETS IP54
199 ACCESSORIES

Simon 34

Simon Basic

Simon Classic

Simon 15

Simon 27 Play

Simon Akord

Simon Aquarius

Technical information

SIMON AQUARIUS OFFERS SPLASH-PROOF SURFACE MOUNTED SWITCHES AND A SOCKET INTENDED FOR WORK-UTILITY SPACES. HUMIDITY IS NOT A PROBLEM. FOR THAT AQUARIUS PRODUCTS ARE OFTEN USED IN BATHROOMS, GARAGES AND GARDEN SHEDS. EASY FOR INSTALLING SWITCHES AND SOCKETS CAN BE ALSO USED IN MORE SOPHISTICATED PLACES LIKE OLD WATER TOWER IN PSZCZYNA AS A FINISH PRODUCTS FOR DARK SURFACE MOUNTED TUBES OF ELECTRICAL INSTALLATION.



KONTAKT simon
**SWITCHES
 AND SOCKETS**
**TECHNICAL
 ADVANTAGES**

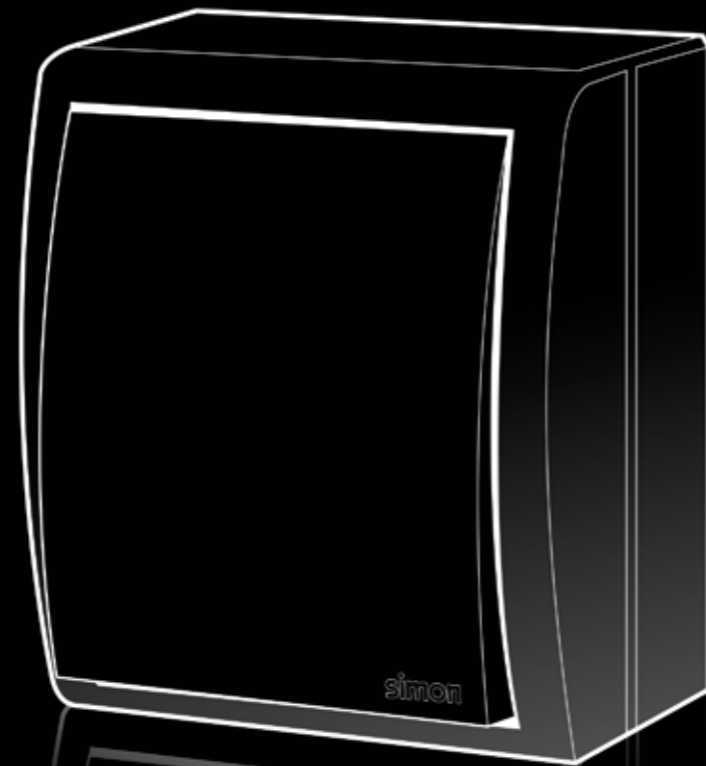


Safe sockets
 Protected against
 inserting objects
 other than the plug.



IP54

Small dimensions
 width 6cm,
 height 7cm



Possibility of making a multiple sets
 in vertical position with IP54 protection
 thanks to specially design connecting
 element.

Simon Aquarius

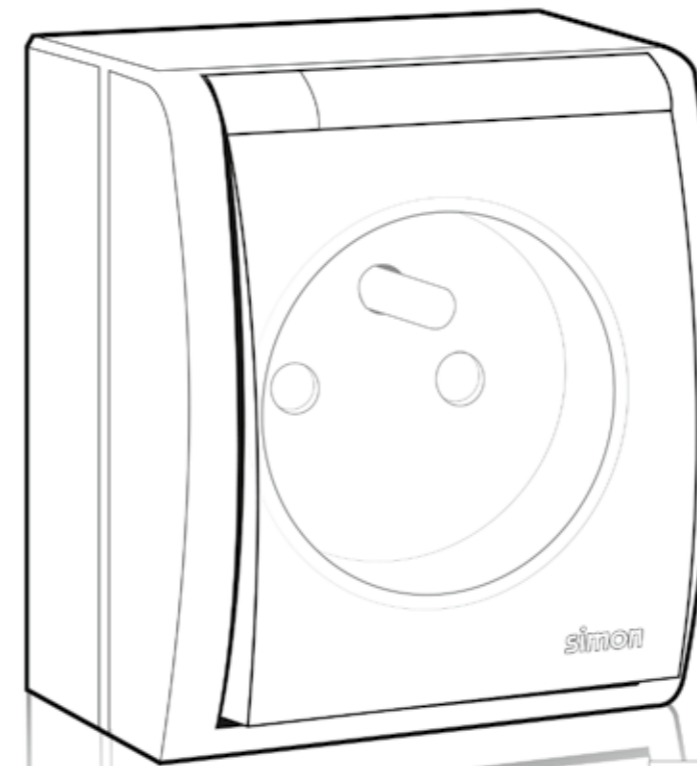


IP54

**Bolted housing
 and long-live screw
 mechanism**



Socket flap opens 180°
 for easy plug fit and to
 prevent from flap breaking.



Small mechanism
 to leave more space for wires.









Mounting holes
 help to keep horizontal
 and vertical position during
 installation.

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour




Packaging unit (pcs)

SWITCHES IP54




	AQW1/..	Single pole switch, 10 AX, 250 V~, screw terminals	10
	AQW1L/..	Single pole switch illuminated, 10 AX, 250 V~, screw terminals	10
	AQW5/..	Two-circuit switch, 10 AX, 250 V~, screw terminals	10
	AQW5L/..	Two-circuit switch illuminated, 10 AX, 250 V~, screw terminals	10
	AQW6/..	Two-way switch, 10 AX, 250 V~, screw terminals	10
	AQW6L/..	Two-way switch illuminated, 10 AX, 250 V~, screw terminals	10
	AQW6/2/..	Double two-way switch, 10 AX, 250 V~, screw terminals	10
	AQW6/2L/..	Double two-way switch illuminated, 10 AX, 250 V~, screw terminals	10
	AQW7/..	Intermediate switch, 10 AX, 250 V~, screw terminals	10
	AQW7L/..	Intermediate switch illuminated, 10 AX, 250 V~, screw terminals	10
	AQS1/..	Single "light" push button, 10 AX, 250 V~, screw terminals	10
	AQS1L/..	Single "light" push button illuminated, 10 AX, 250 V~, screw terminals	10

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)


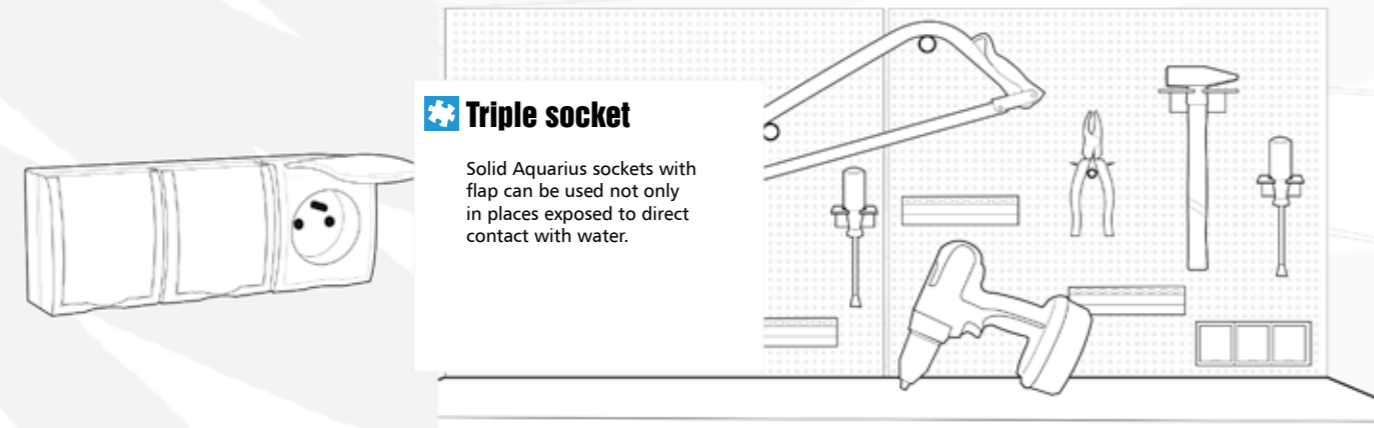




	AQD1/..	Single "bell" push button, 10 AX, 250 V~, screw terminals	10
	AQD1L/..	Single "bell" push button illuminated, 10 AX, 250 V~, screw terminals	10
	AQZ1/..	Roller blind push button, 10 AX, 250 V~, screw terminals	10
	AQW2/..	Double pole switch, 10 AX, 250 V~, screw terminals	10
	AQW2L/..	Double pole switch illuminated, 10 AX, 250 V~, screw terminals	10

SOCKETS IP54

	AQGZ1/..	Single socket outlet with earthing, white flap, 16 A, 250 V~, screw terminals	10
	AQGZ1z/..	Socket outlet with earthing, white flap, with shutters, 16 A, 250 V~, screw terminals	10
	AQGZ1/..A	Single socket outlet with earthing, transparent flap, 16 A, 250 V~, screw terminals	10
	AQGZ1z/..A	Single socket outlet with earthing, with shutters, transparent flap, 16 A, 250 V~, screw terminals	10
	AQGZ1-2/..	Double socket outlet with earthing, white flap, Σ16 A, 250 V~, screw terminals	6
	AQGZ1-2z/..	Double socket outlet with earthing, with shutters, white flap, Σ16 A, 250 V~, screw terminals	6





How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)


	AQGZ1-2/..A	Double socket outlet with earthing, transparent flap, Σ16 A, 250 V~, screw terminals	6
	AQGZ1-2z/..A	Double socket outlet with earthing, with shutters, transparent flap, Σ16 A, 250 V~, screw terminals	6
 <div data-bbox="489 535 697 577" style="border: 1px solid black; padding: 5px;"> <p>Triple socket</p> <p>Solid Aquarius sockets with flap can be used not only in places exposed to direct contact with water.</p> </div>			
	AQGZ1-3/..	Triple socket outlet with earthing, white flap, Σ16 A, 250 V~, screw terminals	5
	AQGZ1-3z/..	Triple socket outlet with earthing, with shutters, white flap, Σ16 A, 250 V~, screw terminals	5
	AQGZ1-3/..A	Triple socket outlet with earthing, transparent flap, Σ16 A, 250 V~, screw terminals	5
	AQGZ1-3z/..A	Triple socket outlet with earthing, with shutters, transparent flap, Σ16 A, 250 V~, screw terminals	5
	AQGSz1/..	Single socket outlet with Schuko earthing, white flap, 16 A, 250 V~, screw terminals	
	AQGSz1z/..	Single socket outlet with Schuko earthing, with shutters, white flap, 16 A, 250 V~, screw terminals	
	AQGSz1/..A	Single socket outlet with Schuko earthing, transparent flap, 16 A, 250 V~, screw terminals	10
	AQGSz1z/..A	Single socket outlet with Schuko earthing, with shutters, transparent flap, 16 A, 250 V~, screw terminals	10

How to order: SYMBOL/.. in place of the dotted line, please insert the number of the selected colour

Packaging unit (pcs)

	AQGSz1-2/..	Double socket outlet with Schuko earthing, white flap, Σ16 A, 250 V~, screw terminals	
	AQGSz1-2z/..	Double socket outlet with Schuko earthing, with shutters, white flap, Σ16 A, 250 V~, screw terminals	
	AQGSz1-2/..A	Double socket outlet with Schuko earthing, transparent flap, Σ16 A, 250 V~, screw terminals	6
	AQGSz1-2z/..A	Double socket outlet with Schuko earthing, with shutters, transparent flap, Σ16 A, 250 V~, screw terminals	6
	AQGSz1-3/..	Triple socket outlet with Schuko earthing, white flap, Σ16 A, 250 V~, screw terminals	
	AQGSz1-3z/..	Triple socket outlet with Schuko earthing, with shutters, white flap, Σ16 A, 250 V~, screw terminals	
	AQGSz1-3/.. A	Triple socket outlet with Schuko earthing, transparent flap, Σ16 A, 250 V~, screw terminals	
	AQGSz1-3z/..A	Triple socket outlet with Schuko earthing, with shutters, transparent flap, Σ16 A, 250 V~, screw terminals	

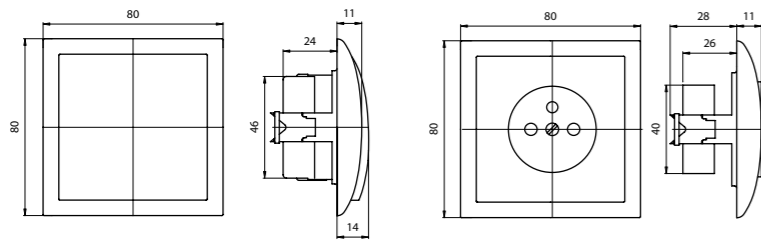
ACCESSORIES

	AQ1	Connecting element	150
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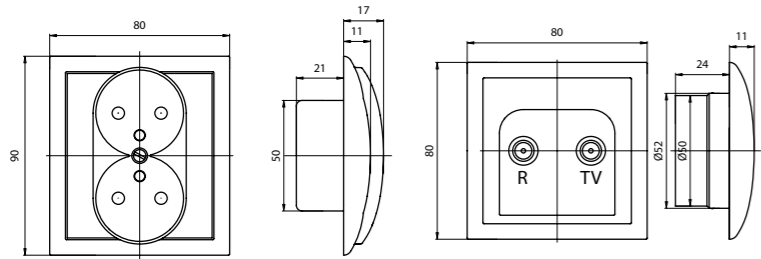
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251–256	ANTENNA SOCKETS SIMON15 TYPE: 1591486-..., 1591487-..., 1591489-..., 1591488-..., 1591466-..., 1591467-..., 1591038-..., 1591048-...

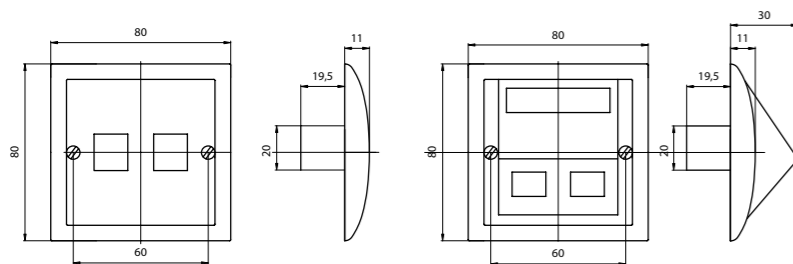
CLASSIC – TECHNICAL DRAWING



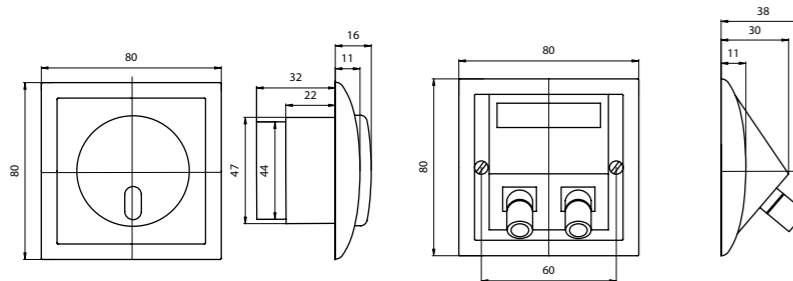
Single switch and single socket outlet



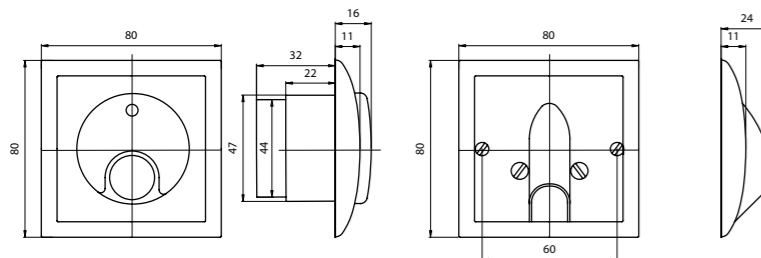
Double socket outlet and R-TV socket



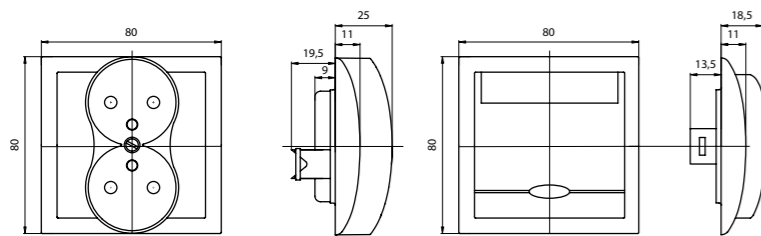
Flat and angled IT/telephone socket



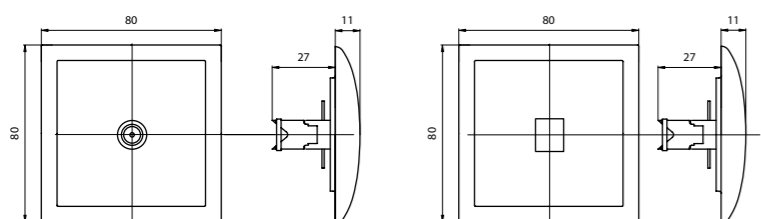
Remote control dimmer, presence simulator, bell, light indicator and loudspeaker socket



Switch with motion sensor and cable terminal

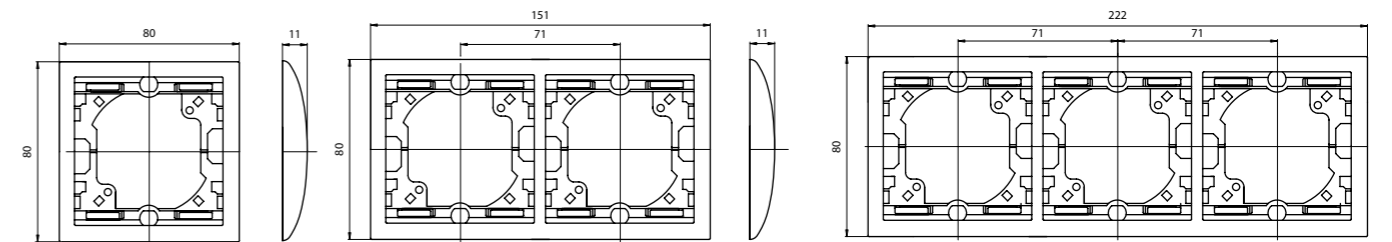


Double socket outlet (module) and hotel switch

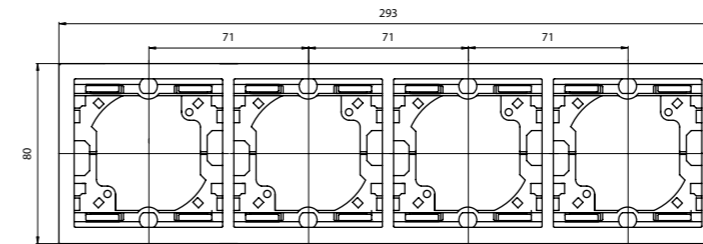


Single socket outlet and single telephone socket

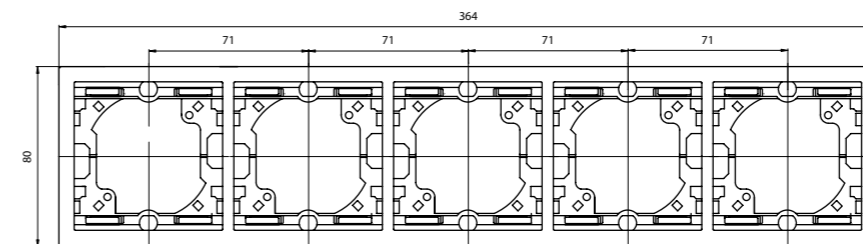
CLASSIC – TECHNICAL DRAWING



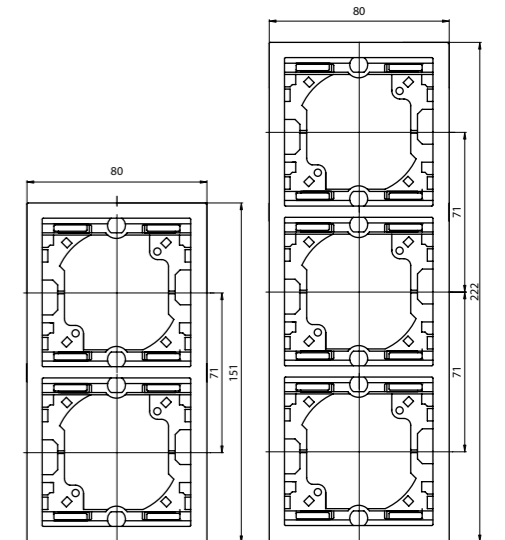
Single, double and triple frame



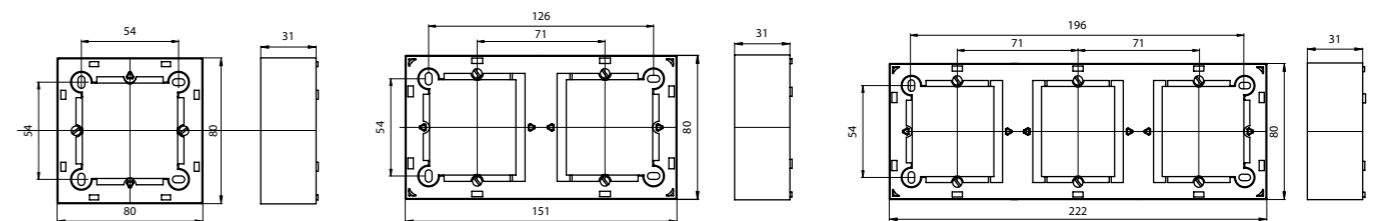
Quadruple frame (horizontal and vertical)



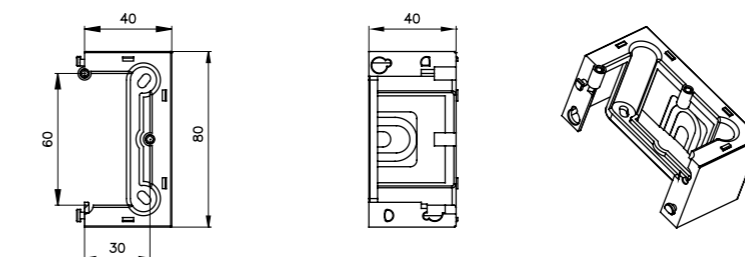
5-gang frame



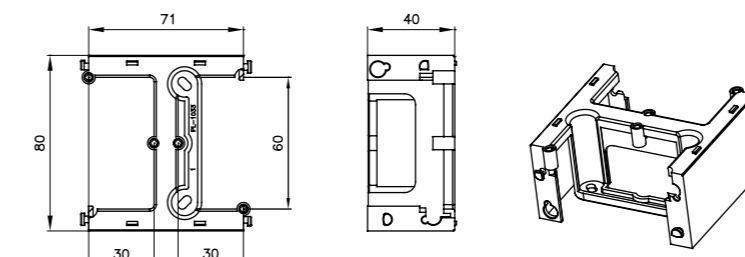
Double and triple vertical frame



Single, double and triple surface mounted box

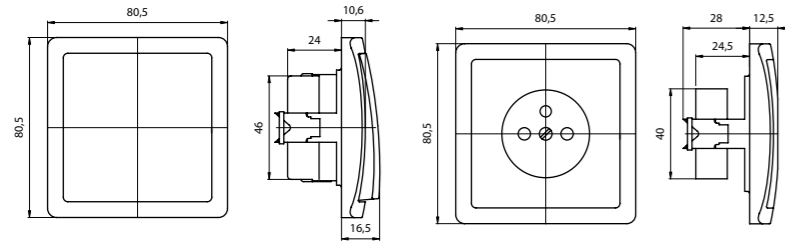


Surface mounted box "C" element

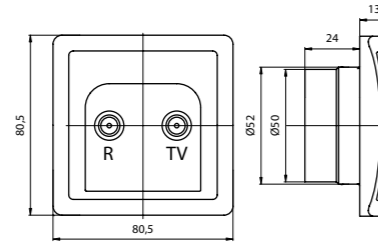


Surface mounted box "H" element

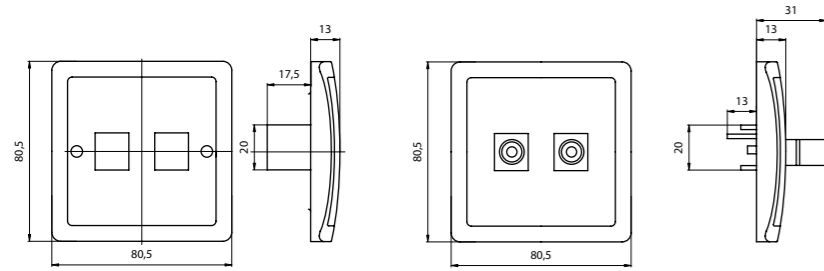
BASIC MODULE – TECHNICAL DRAWING



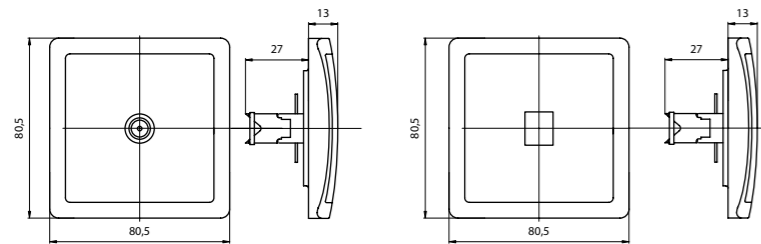
Single switch and single socket outlet



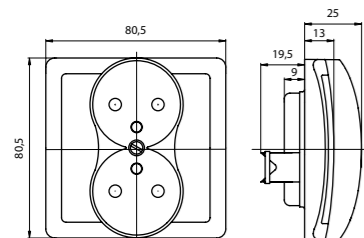
R-TV socket



IT/Telephone sockets and loudspeaker socket

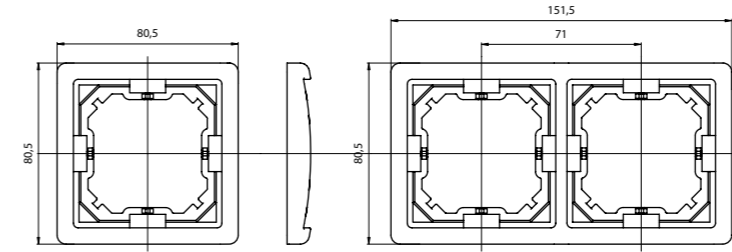


Single aerial socket and single telephone socket

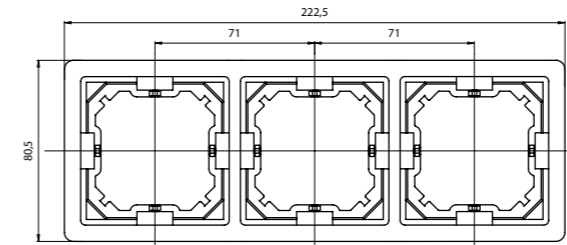


Double socket outlet (module)

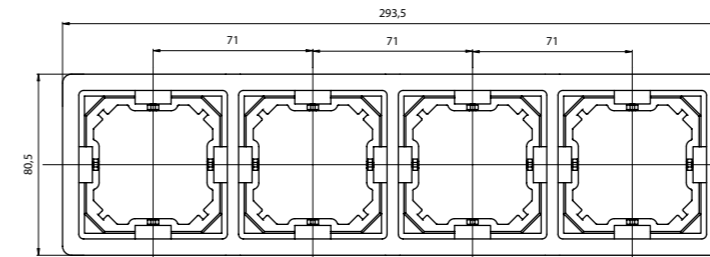
BASIC MODULE – TECHNICAL DRAWING



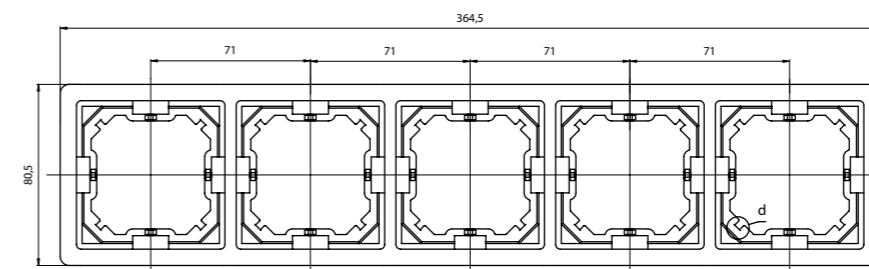
Single and double frame



Triple frame

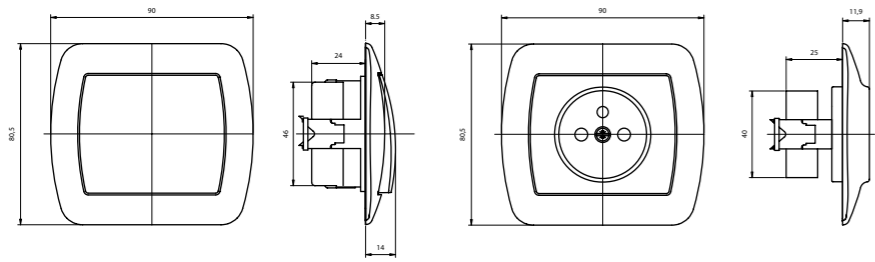


Quadruple frame

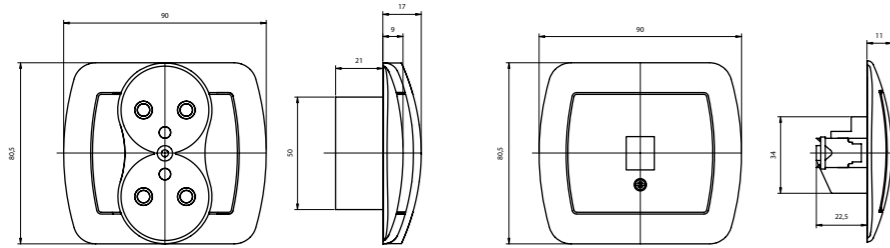


5-gang frame

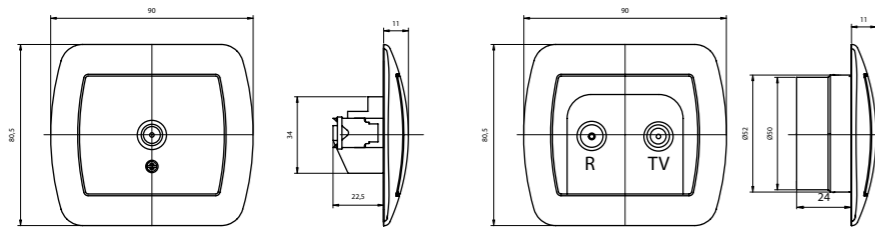
AKORD – TECHNICAL DRAWING



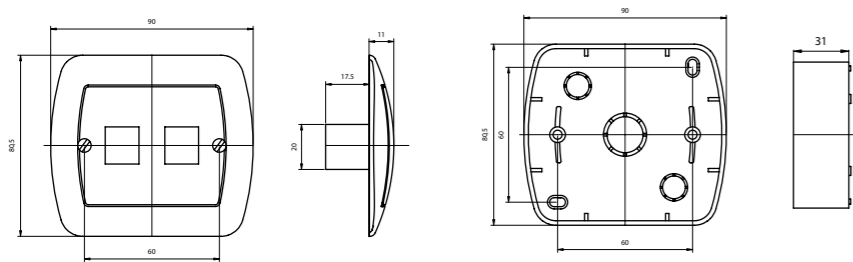
Single switch and single socket outlet



Double socket outlet and telephone socket

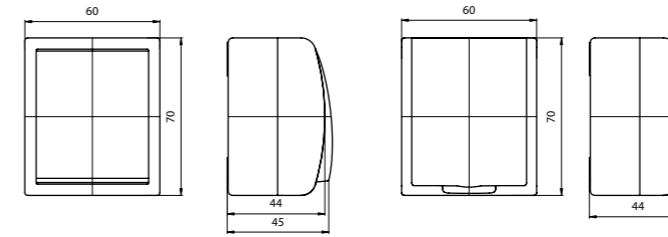


Single aerial socket and R-TV socket

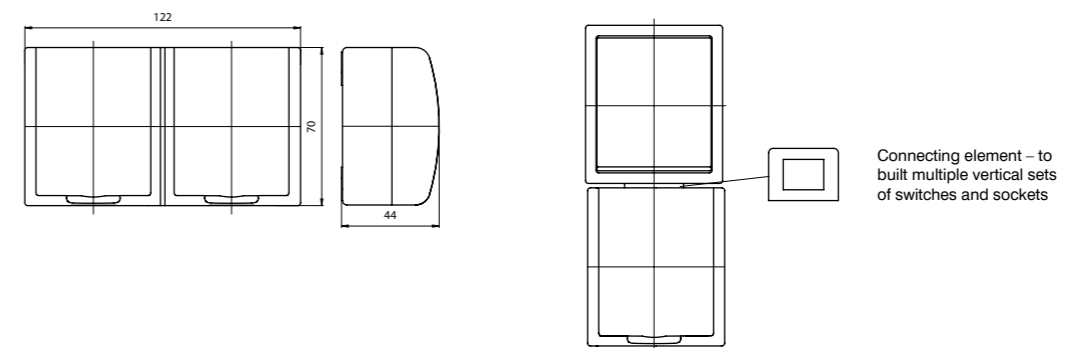


IT/Telephone socket and surface mounted box

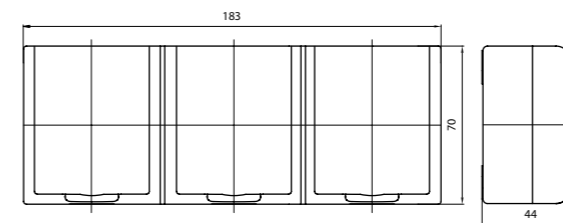
AQUARIUS – TECHNICAL DRAWING



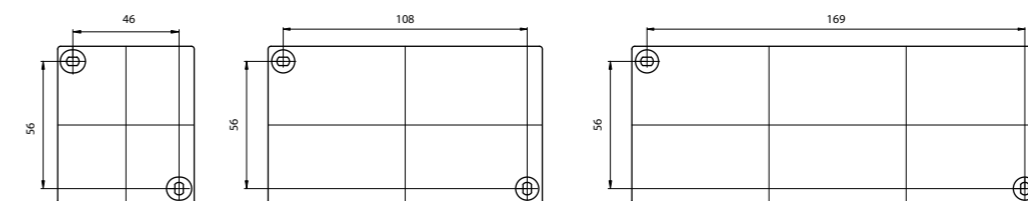
Single switch and single socket outlet



Double socket outlet and double socket outlet with connecting element

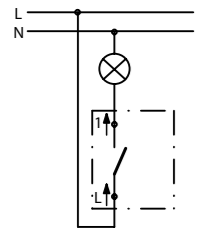


Triple socket outlet

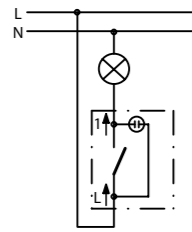


Location of mounting holes

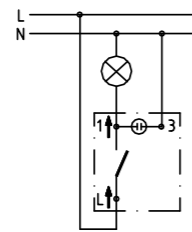
WIRING DIAGRAMS FOR SWITCHES AND PUSH BUTTONS



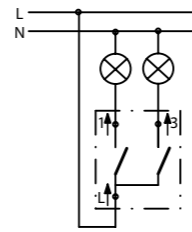
Single pole switch



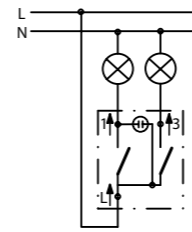
Single pole switch illuminated



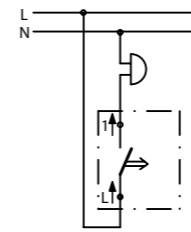
Single pole switch with indicator light



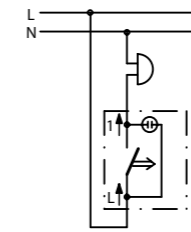
Two-circuit switch



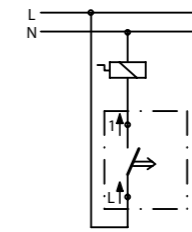
Two-circuit switch illuminated



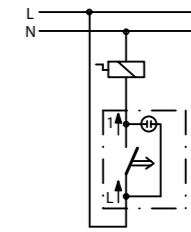
"Bell" push button



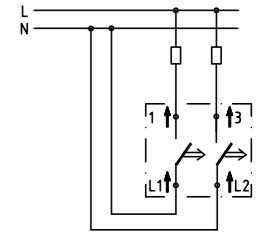
"Bell" push button illuminated



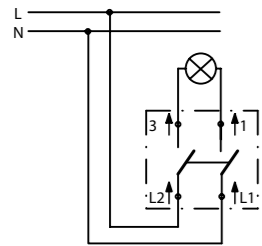
"Light" push button



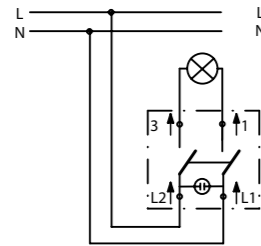
"Light" push button illuminated



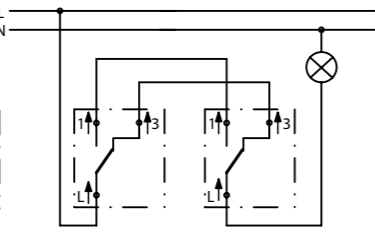
Double push button illuminated



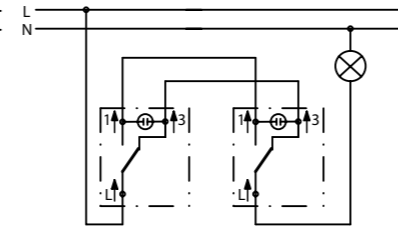
Double pole switch



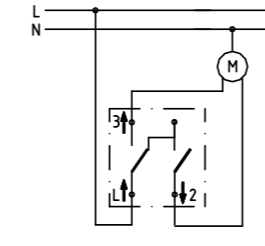
Double pole switch illuminated



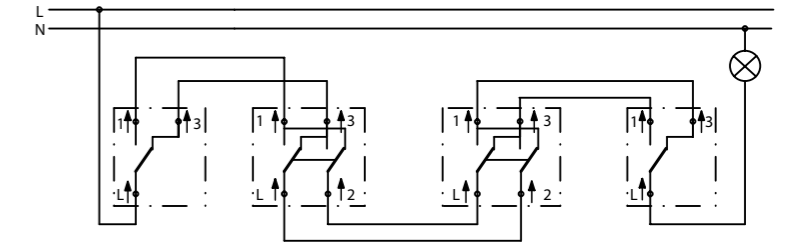
Double two-way switch



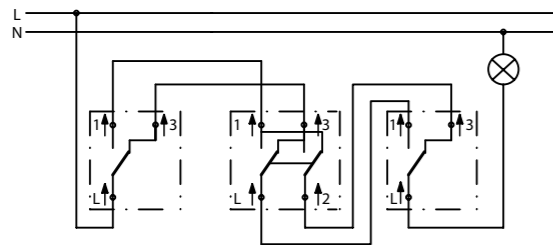
Double two-way switch illuminated



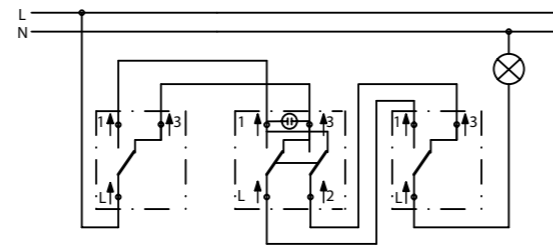
Roller blind switch (with electrical safety lock system)



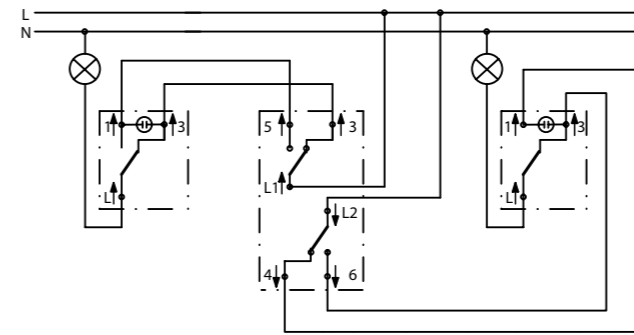
Two intermediate switches with 2 two-way switches



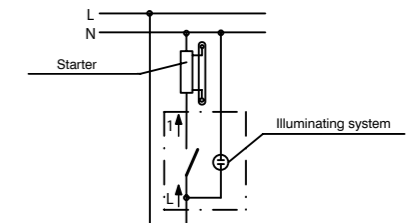
Intermediate switch with 2 two-way switch



Intermediate switch illuminated with 2 two-way switch



Double two-way switch with 2 two-way switches



Single pole switch illuminated with fluorescent light

R-TV FINAL ANTENNA SOCKET, SEPARATED type DAK../..

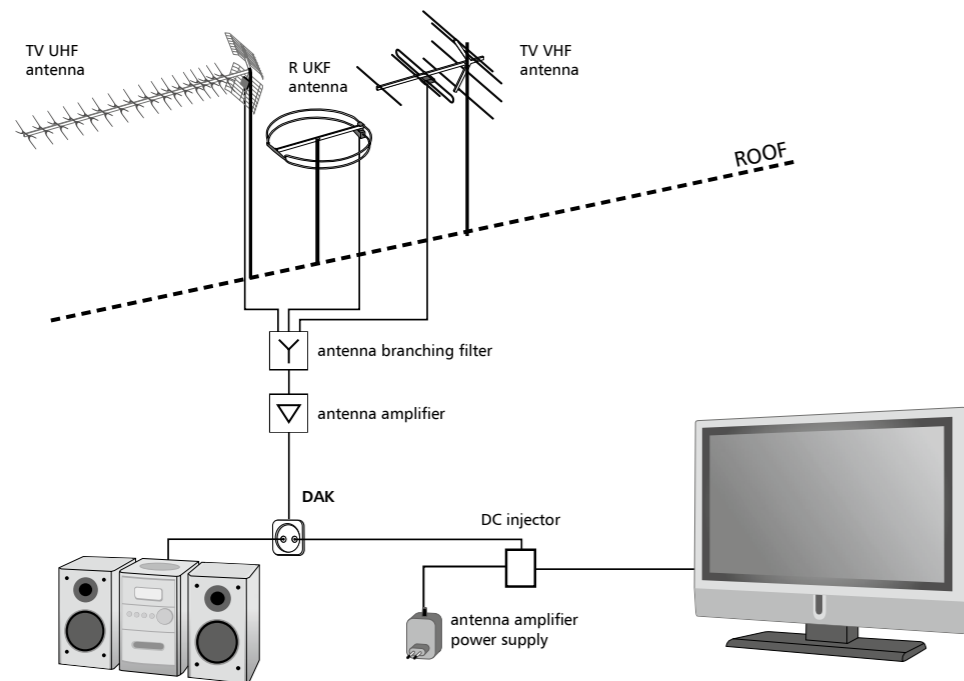
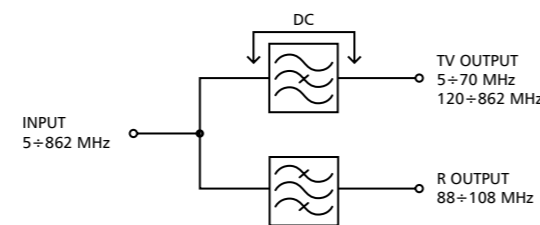
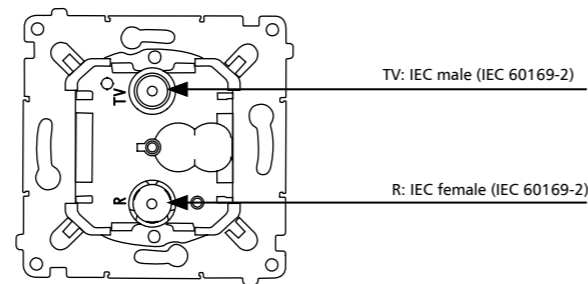
Purpose

The antenna socket is applied in personal and community networks or cable TV systems and is used for the connection of devices such as a television set, VCR or a radio receiver to these networks.

Application

The inputs of the socket are adapted for the connection of a concentric cable with a 75Ω impedance, providing signal from receiving antennas. The outputs are made in line with the IEC standard allowing for the connection of a radio receiver or a TV-set. Due to a suitable structure of the outputs, the signals of the following frequency ranges are transmitted:
 - TV output: 5 ÷ 70 MHz and 120 ÷ 862 MHz
 - R output: 88 ÷ 108 MHz
 Coupling attenuation of TV and R outputs: 1. -1.5 dB

DAK../.. type final antenna socket is used in community networks with star topology and in personal single-outlet systems, where the amplifier is based by the antenna while the power supply is located by the TV receiver before the antenna socket. A special structure allows for the power supply of the amplifier based by the antenna by means of an antenna cable.



R-TV ANTENNA SOCKET FEED-THROUGH type DAP10../.. ÷ 23../.. FINAL type DAZ../..

Purpose

The antenna socket is applied in personal and collective networks or cable TV systems and is used for the connection of devices such as a television set, VCR or a radio receiver to these networks.

Application

The inputs of the socket are adapted for the connection of a concentric cable with a 75Ω impedance, providing signal from receiving antennas. The outputs are made in line with the IEC standard allowing for the connection of a radio receiver or a TV-set. Due to a suitable structure of the outputs, the signals of the following frequency ranges are transmitted:

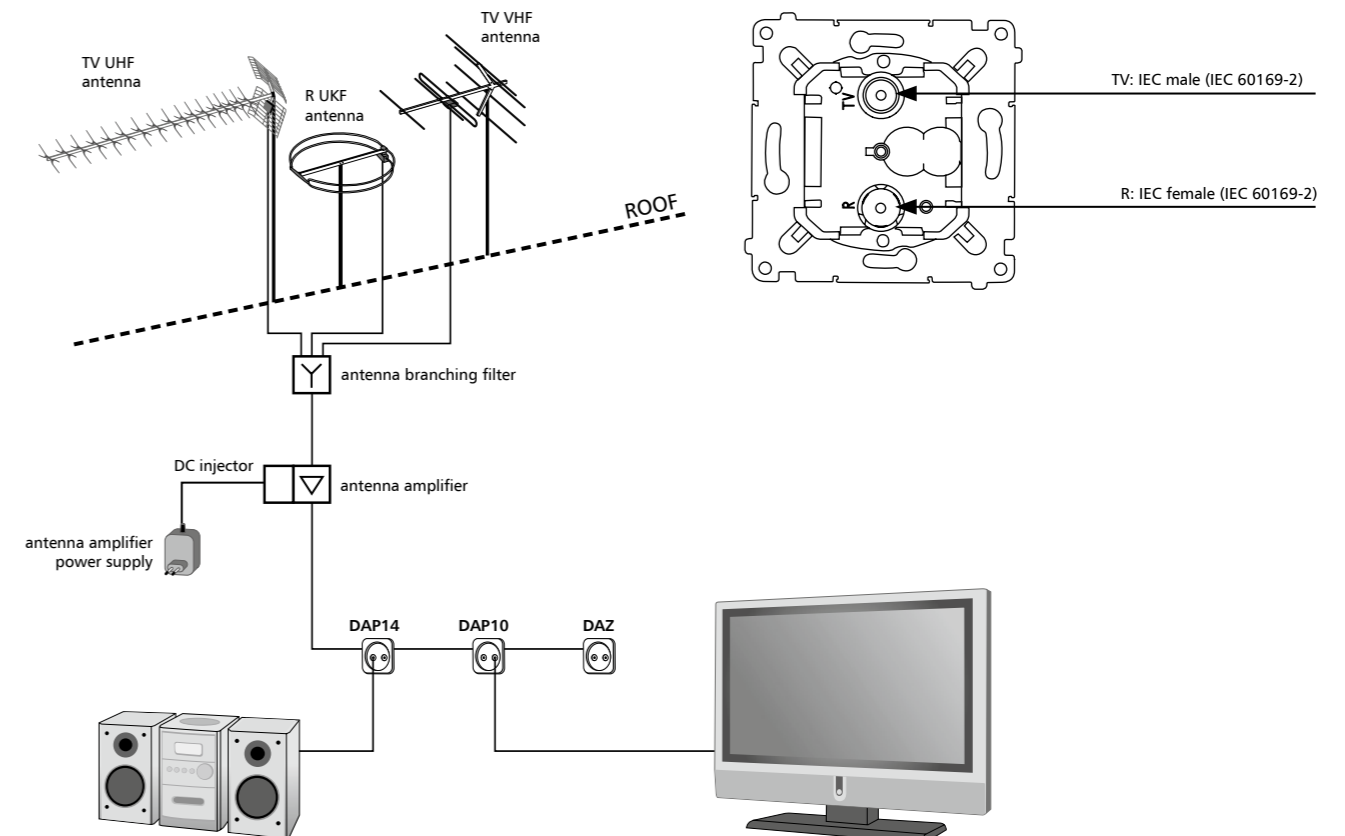
TV output: 5 ÷ 70 MHz and 120 ÷ 862 MHz
 R output: 88 ÷ 108 MHz

Feed-through R-TV sockets are manufactured with six different coupling attenuation values:
 DAP10../.. - 10 dB
 DAP14../.. - 14 dB
 DAP16../.. - 16 dB
 DAP18../.. - 18 dB
 DAP20../.. - 20 dB
 DAP23../.. - 23 dB

Coupling attenuation of the final socket:
 DAZ../.. - 10 dB

The DAP10../.. ÷ 23../.. feed-through sockets along with the DAZ../.. final socket find their application in feed-through community systems and complex personal systems in which the sockets are connected in series.

The DAZ../.. socket is used for ending the feed-through system (terminating resistor not required). As the source of signal gets more distant, the signal level is decreased. A constant RTV signal level is achieved by selecting sockets with such coupling attenuation that the next socket's attenuation (further from source) is lower.



R-TV-SAT FINAL ANTENNA SOCKET, SEPARATED type DASK../..

Purpose

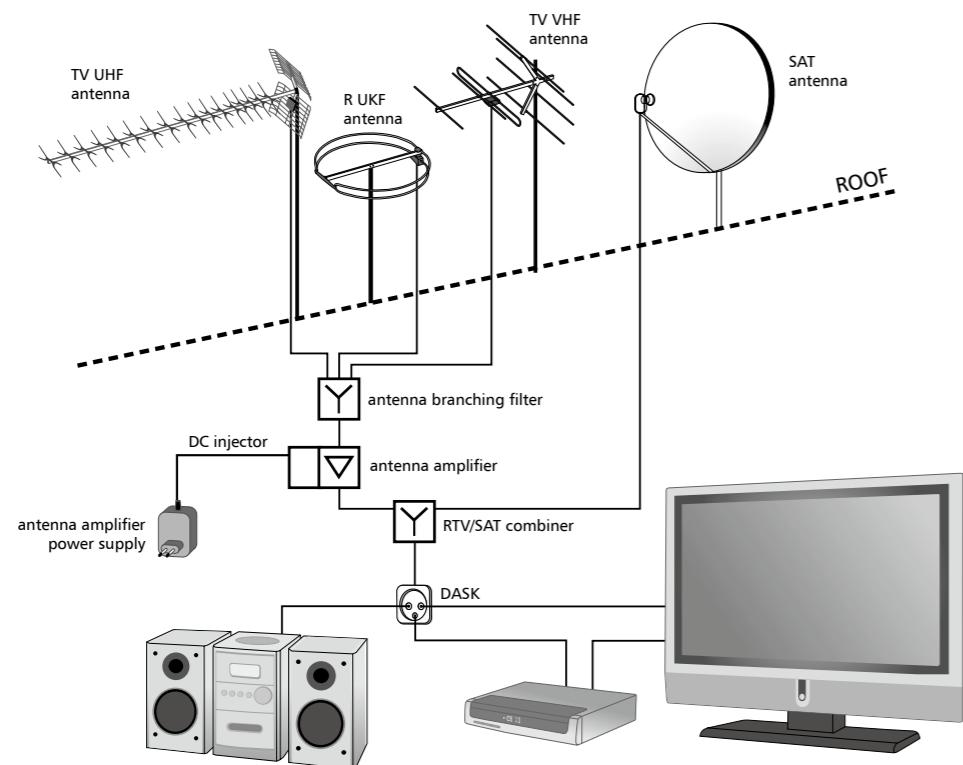
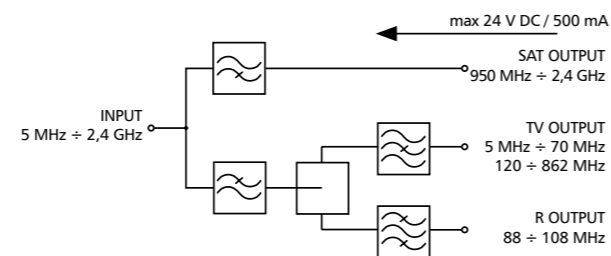
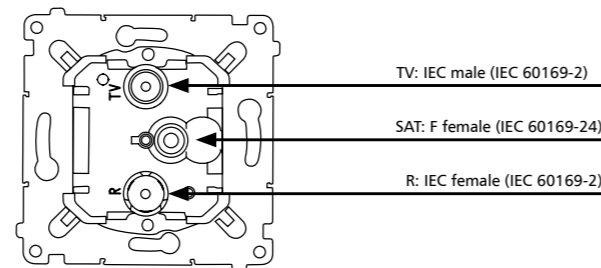
The antenna socket is applied in personal and community networks or cable TV systems and is used for the connection of devices such a television set, VCR or a radio receiver to these networks.

Application

The inputs of the socket are adapted for the connection of a concentric cable with a 75Ω impedance, providing signal from receiving antennas. The outputs are made in line with the IEC standard allowing or the connection of a radio receiver or a TV-set. Due to a suitable structure of the outputs, the signals of the following frequency ranges are transmitted:
 – TV output: 5 ÷ 70 MHz and 120 ÷ 862 MHz
 – R output: 88 ÷ 108 MHz
 – SAT output 950 ÷ 2400 MHz

The coupling attenuation for the SAT, R and TV outputs: 1.0 dB

DASK../.. type final antenna socket is used in community networks with star topology and in personal single-outlet systems, where the satellite TV, terrestrial TV and radio signals are transferred to individual receivers through a single cable. The DASK../.. socket splits the signals directing them to appropriate outputs – SAT – for the satellite TV tuner, TV – for the television signal receiver and R – for radio signal receiver. Special structure of the socket allows for the flow of direct and alternate current between the SAT output and the socket input to power the satellite antenna converter.



R-TV-SAT FEED-THROUGH ANTENNA SOCKET type DASP../..

Application

The antenna socket is intended for community antenna or personal feed-through systems and is used for the connection of R and TV receivers and satellite TV tuners. Each of the sockets is equipped with an input and output for a concentric cable with 75 Ω impedance, which allows the sockets to be connected in series. Two outlets in line with the IEC standard and one F-type outlet allow to connect the radio and TV receivers as well as a satellite TV tuner. However, only one satellite TV tuner may be connected to a serial circuit of the DASP../.. sockets.

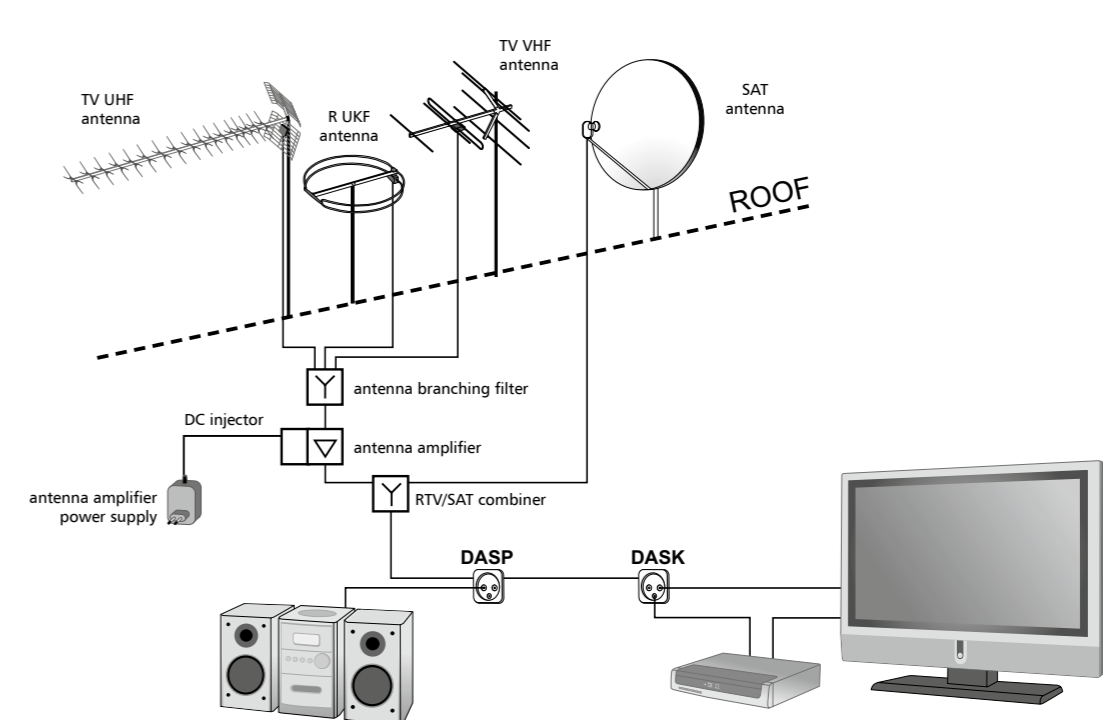
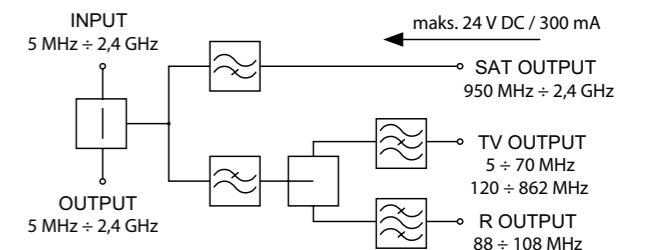
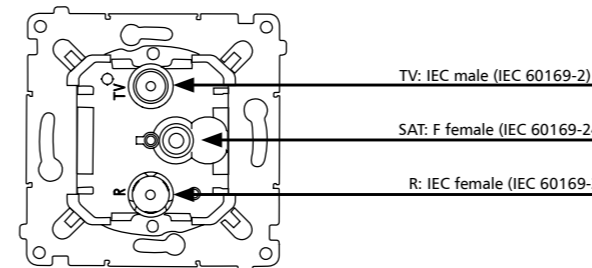
Technical data

Frequency ranges:
 - for SAT output: 950 ÷ 2400 MHz
 - for TV output: 5 ÷ 70 MHz and 120 ÷ 862 MHz
 - for R output: 88 ÷ 108 MHz

Feed-through attenuation:
 - for SAT: 7 dB
 - for R and TV: 4 dB

Coupling attenuation:
 - for SAT output: 8 dB
 - for R and TV outputs: 12 dB

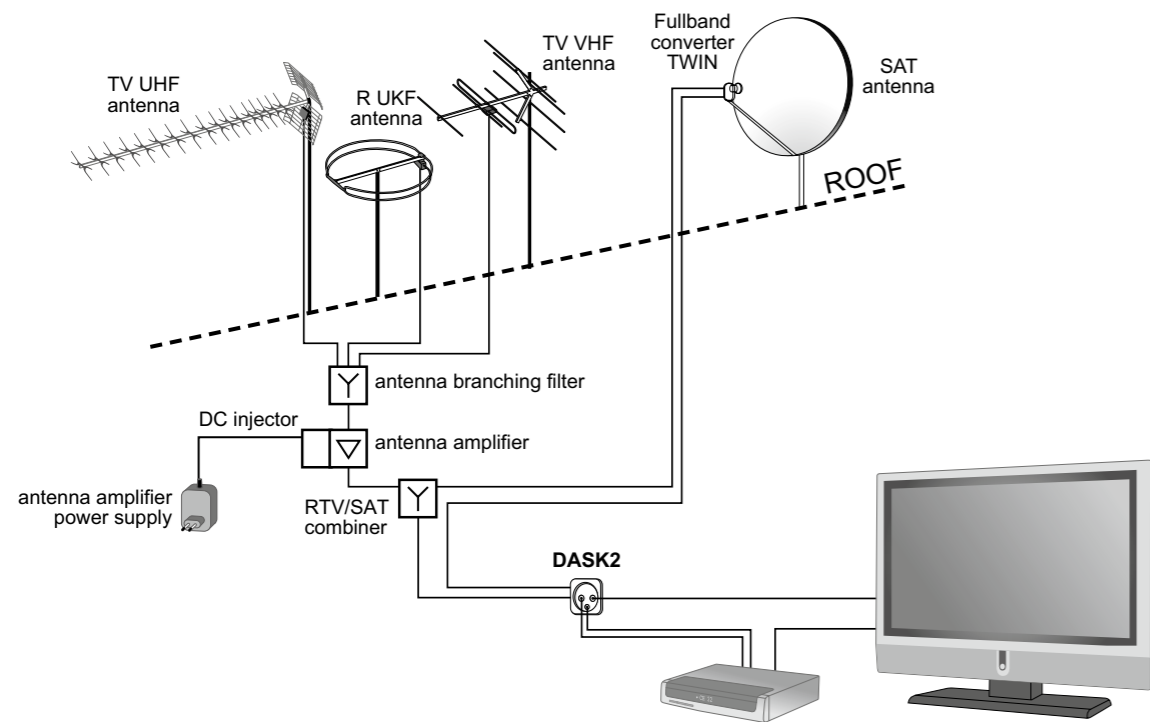
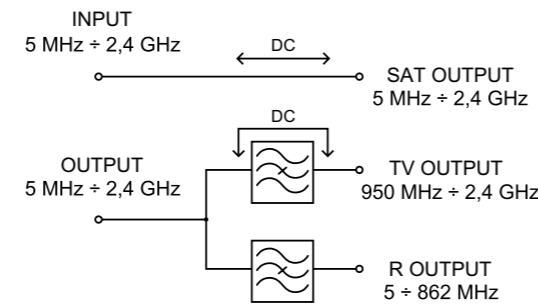
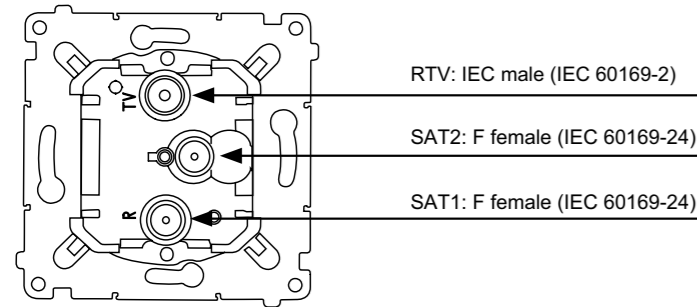
Connector types:
 SAT: F socket
 TV: IEC socket
 R: IEC socket



SAT-SAT-RTV DOUBLE ANTENNA SOCKET, FINAL type DASK2../..

Application

- For analog and digital RTV-SAT systems,
- High isolation of individual sockets,
- Galvanic isolation of the RTV input and output,
- Two input sockets for the coaxial cable providing signals from antennas:
 - for the SAT input: 5 ÷ 2400 MHz
 - for the RTV/SAT input: 5 ÷ 2400 MHz
- Possibility of using the SAT socket as a return channel
- Useful in case of decoders with a double tuner allowing for simultaneous watching and recording of separate programs.



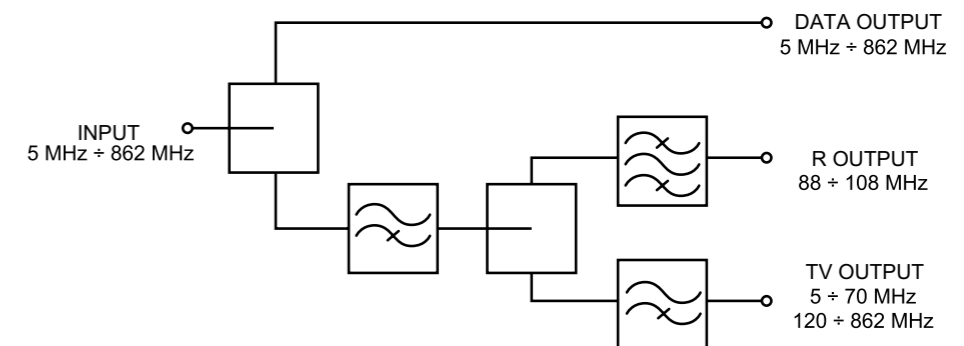
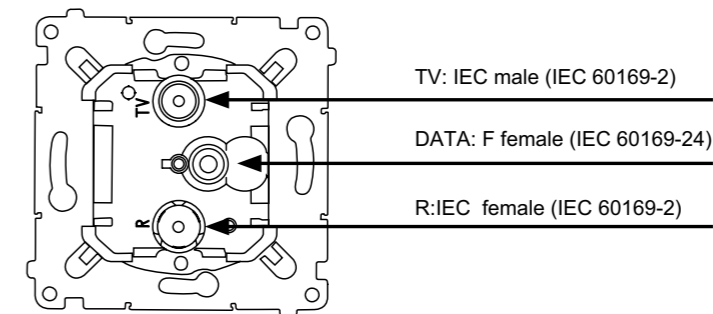
R-TV-DATA FINAL ANTENNA SOCKET type DAD../..

Application

- Multimedia sockets of the BMAD.01../. series are intended for cable TV systems in which the return channel is used, that is, data transmission, Internet and VoIP services are provided.
- Ensures the division of signal into R, TV and DATA signals.
- One input socket for the coaxial cable providing signal in 5 ÷ 862 MHz frequency .
- Two output sockets in line with the IEC 60169-2 standard for the connection of a radio and TV receiver.
- One F-type socket for data transmission.
- Full frequency response in individual bands.
- High isolation between individual sockets.

Technical data

Input line frequency range	5 ÷ 862 MHz
TV line frequency range	5 ÷ 70 MHz
	120 ÷ 862 MHz
R line frequency range	88 ÷ 108 MHz
DATA line frequency range	5 ÷ 862 MHz
Attenuation in the DATA line	2,4 ÷ 4,3 dB
Attenuation in the TV line	9,5 ÷ 12,4 dB
Attenuation in the R line	13,2 ÷ 13,6 dB



HOTEL-TYPE SWITCH, ILLUMINATED

type: ..WH../..

Technical data

Working voltage	230V~/50Hz
Rated current	10(2)A
Insulation distance	μ (micro-gap)
Protection grade	IP20

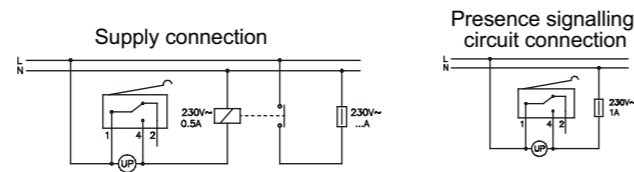
Applications

Hotel switch..WH../.. is dedicated for:

- Operating of supplying relay (contactor),
- direct operating of the presence signalling circuits.

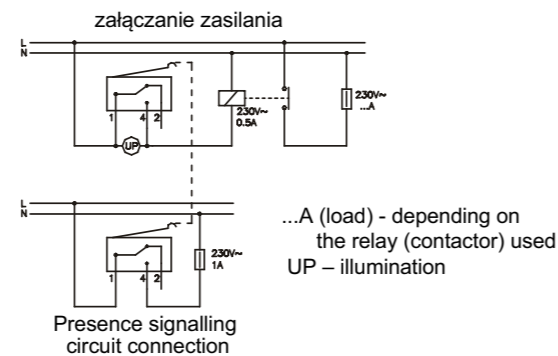
Connection to the electric system

..WH1/..



...A (load) - depending on the relay (contactor) used
UP – illumination

..WH2/..



...A (load) - depending on the relay (contactor) used
UP – illumination

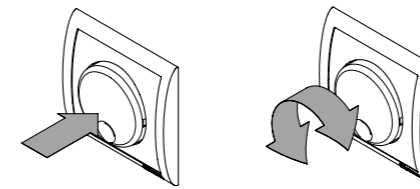
ROTARY PUSH DIMMER

DS9T.01/..,
MS9T.01/.., MS9T/..,
BMS9T.01/..

Application

The dimmer is designed for switching ON/OFF the light and the light intensity adjustment in apartments, offices, shops etc. In order to switch ON/OFF the light it is necessary to push the handwheel. The light intensity is being adjusted by rotating the handwheel. In order to increase the light intensity it is necessary to turn the handwheel right (clockwise).

The dimmer may be applied in the two-way and intermediate installations.



Light sources

	230 V incandescent lamps	20 ÷ 500 W
	230 V halogen lamps 12 V halogen lamps connected through a core-type transformer 230/12Vac connected through an electronic transformer 230/12Vac	20 ÷ 500 W 20 ÷ 500 W 20 ÷ 500 W
	Energy-save lighting	
	Fluorescent lamps	
	LED lamps	

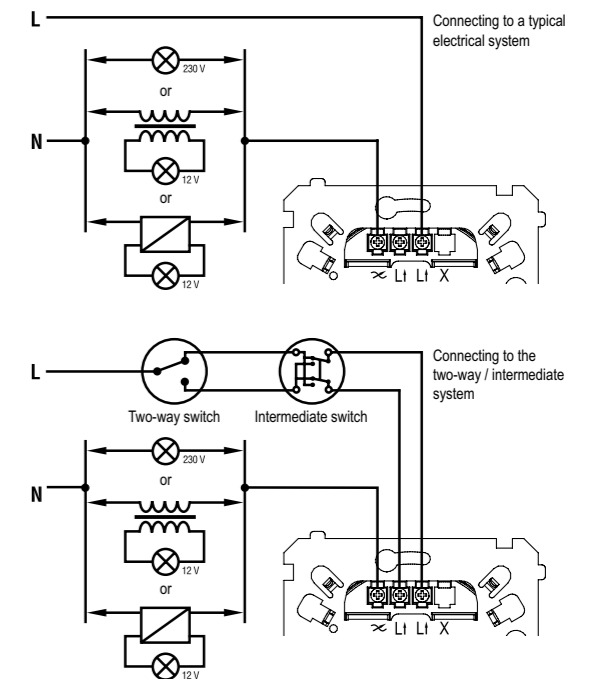
WARNING: The dimmer is not designed for interoperation with the core-type column transformers, fans and other devices fitted with an electric motor. Failure to observe this warning may cause the dimmer failure.

Short circuit protection

The dimmer is fitted with the short circuit protection that switches the load (lighting) OFF when the load current exceeds 20 A. After the short circuit cause removal it is possible to switch the dimmer ON again.

In case of burnout of 230 V light bulb the load current may reach the limit value what will cause the the lighting switching OFF and prevent the bulb from complete burnout. **When the automatic switching OFF repeats over and over again it is necessary to check the bulb stale and replace it if needed.**

Connecting the dimmer to the electrical system



Technical data

Operating voltage	230 V/50 Hz
Load range	20 ÷ 500 W
Type of load	incandescent and 230 V halogen lamps, 12 V halogen lamps supplied via core-type or electronic transformers 230/12 V according to PN-EN-55015
Interference level	IP20
Degree of protection	continuous
Operating mode	smooth
Adjustment mode	100g
Weight	

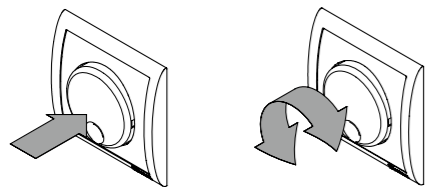
CONTROLLER 1 ÷ 10V DS9V.01/.. BMS9V.01/..

Application

The 1 ÷ 10V Controller is designed to switch-off/switch-on and/or to control light intensity of:

- fluorescent lamps, connected through dimmable electronic ballasts,
- 12V halogen lamps, connected through electronic dimmable transformers,
- LED lighting, connected through dimmable feeders.

Switching off/on is effected by pressing the control knob, and adjustment by turning the control knob. Brighter light is achieved by turning the control knob clockwise.

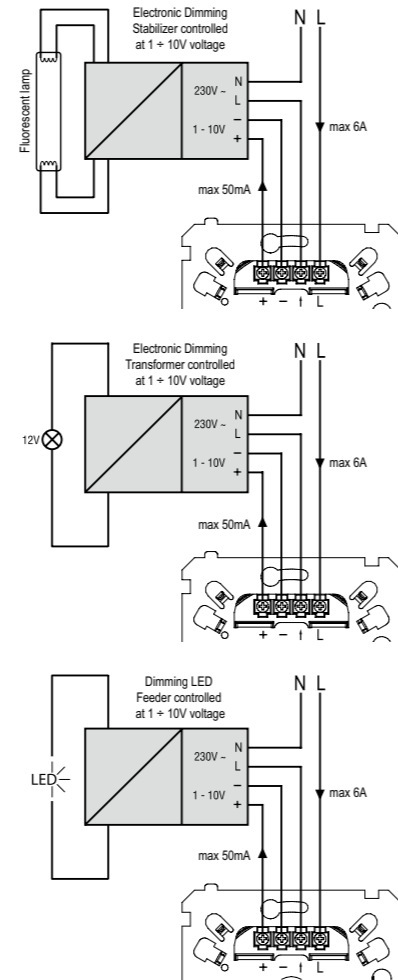


Adjustment is effected through the 1 ÷ 10V line connected to control inputs of the above mentioned appliances. One Controller can be connected to few dimmable appliances having 1 ÷ 10V inputs.

Technical data

Control voltage	0.7 ÷ 11V
Control output load current	50mA
Switch contact load current	6A/230V~
Interference level	conforms to PN-EN-55015
IP Protection	IP20
Type of operation	continuous service
Type of control	smooth
Weight	75g

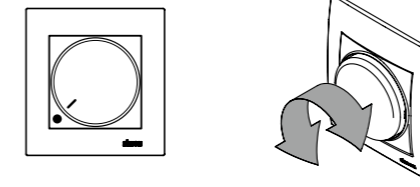
Diagram of controller connection to the electric system



DOUBLE-POLE ROTARY DIMMER FOR LED LIGHTING DS9L2.01/..

Application

The Double-Pole Rotary Dimmer for LED lighting is designed to switch-off/switch-on and/or to control light intensity of the dimmable LED lighting sources supplied at 230V~ (e.g. Philips MASTER). The 3- or 4-wire connection system (including a neutral N wire) provides a wide range of brightness control, smoothly operated across its full range, and the double-pole switch incorporated into the Dimmer allows for using the Dimmer in installations requiring a double-pole type of the illumination lamp switch-off system. Switching off/on and/or adjustment operations are effected by turning the control knob. Brighter light is achieved by turning the control knob clockwise.



Switching off is effected by turning the knob anticlockwise home (into position marked •).

Light sources

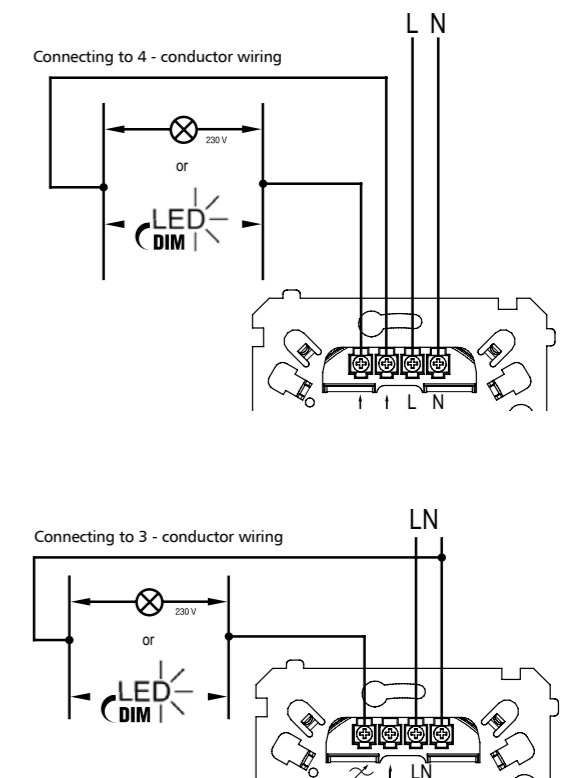
	230Vac incandescent lamps	5 ÷ 215W
	230Vac halogen lamps	5 ÷ 215W
	dimmable LED lighting	5 ÷ 215W
	energy-saving lamps	
	fluorescent lamps	

WARNING: The dimmer is not designed for interoperation with the core type toroidal or column transformers, fans and other devices fitted with an electric motor. Failure to observe this warning may cause the dimmer failure.

Short-circuit protection

The Dimmer is equipped with the short-circuit protection system switching off the load circuit (i.e. switching off the lighting) when current intensity exceeds 20A. Upon a short-circuit failure is repaired, the Dimmer may be switched on again. In a while a 230V bulb is just to be burned out, the current can reach the protection limit value resulting in a self-acting switch-off of a bulb, preventing the bulb to be totally burned-out. **When a self-acting switch-off repeats frequently, check condition of the bulb, and replace it if needed.**

Diagram of the dimmer connection to the electric system



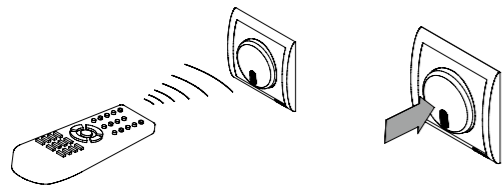
Technical data

Operating voltage	230 V/50 Hz
Load power	5 ÷ 215 W
Type of load	incandescent/halogen load 230V, dimmable LED lighting
Interference level	conforms to PN-EN-55015
IP Protection	IP20
Type of operation	continuous service
Type of control	smooth
Weight	100g

REMOTE OPERATED LIGHT-DIMMER DS13T.01/.. MS13T.01/.., MS13T/..

Application

The Light-Dimmer is designed to switch the light on/off and/or to control light intensity in habitable rooms and/or other compartments, as offices, shops, etc. Light switching on/off and/or control operations are effected by pressing the Dimmer push-button, or remotely, using any TV remote controller. The Dimmer can also be used in any two-way or intermediate type electric system.



Light sources



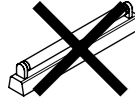
230 V incandescent lamps 20÷500 W



230 V halogen lamps 20÷500 W
12 V halogen lamps connected through a core-type toroidal transformer 230V/12V 20÷500 W
connected through an electronic transformer 230V/12V 20÷500 W



energy-saving lighting



fluorescent lamps



LED lighting



WARNING: The dimmer is not designed for inter-operation with the core-type column transformers, fans and other devices fitted with an electric motor. Failure to observe this warning may cause the dimmer failure.

Operation

The Dimmer can be directly operated by:

- pressing a push-button of the Dimmer,
- pressing an additional LIGHT push-button, connected to the Dimmer;

or operated remotely by:

- any TV remote controller.

Direct Operation:

A short press of the Dimmer push-button, or the additional switch, effects switching the light on/off, whilst a long press causes adjustment of light brightness till the push-button is released. Adjustment is performed upward/downward, and when a limit position (maximal or minimal) is reached the adjustment direction is reversed.

Operation, using a TV Remote Controller, can be performed in two ways:

1. using any button of the Controller, pressing it twice with an interval not longer than 2 seconds:

- The first press on the TV controller push-button brings the Dimmer to stand-by, expecting for a next signal from the controller.
- The Dimmer stand-by is signalled by the LED switch-off lasting ca 2 seconds since the push-button is released, and during that time a second press of the controller push-button should be effected.

If the second signal from the controller does not appear, the LED shines again signalling the stand-by mode is over.

- The second press on the TV controller push-button operates in the same way as a direct operation of the Dimmer push-button. Upon release of the push-button the LED shines again.

2. using programmed push-button of the TV remote controller, pressing it once. The press of the TV controller push-button operates in the same way as direct operation of the Dimmer push-button. The LED, shining continuously, signals that there are no operations of the TV controller.

Programming of the TV controller push-button

Programming:

1. press quickly the Dimmer push-button 6 times;
2. setting of the programming mode is signalled by the light switched off and the LED flickering in a cycle: light on for 1.5s / off for 0.5s;
3. press and hold down the selected push-button on the TV controller (a push-button that is usually not used to operate TV is the best); upon the signal from the TV controller is stored in, the lamp starts to brighten, as while brightness adjustment, and the LED stops to flicker; the Dimmer leaves the programming mode;
4. release the push-button on the TV controller, check switching the light on/off by short pressing the push-button, press another push-button on the TV controller to check whether the Dimmer reacts only to the programmed push-button.

Programming of a push-button can be performed many times, repeating the above operations. Any decay of voltage does not effect a loss of the stored signal from the TV controller.

In case, the signal from the TV controller is not recognised, a trial to program any other TV controller should be repeated. Until the signal from the TV controller is stored, the Dimmer is in the programming mode; however, after 5 minutes of inactivity the Dimmer leaves the programming mode automatically, or it leaves the mode by a manual switching off.

Termination Of The Programming:

1. No Changes In Programming
Press shortly the push-button on the Dimmer, the LED stops to flicker, the Dimmer remains in a mode as prior to programming, i.e. the stored signal from the TV controller is active still or the Dimmer is controlled upon double pressing of any push-button;
2. Deleting The Storage
Press and hold down the Dimmer push-button for 3s, when the LED stops to flicker release the push-button, the Dimmer resets the stored push-button, and upon double pressing on any push-button of the TV controller, it enters the remote operation mode.

Short-circuit protection

The Dimmer is furnished with the short-circuit protection system switching off the load circuit (switching off the light) upon exceeding 20A current. When a short-circuit is repaired, the Dimmer may be switched on again. When a bulb 230V is close to be burnt out, current can also achieve a protection limit and that is manifested by automatic switching the light off, preventing the bulb to be burnt out.

When automatic switching the light off is frequent, the bulb should be checked and replaced, if needed.

Overload protection

The Dimmer has an overload protection reducing light brightness after few seconds, according to exceeding the power rating of the Dimmer.

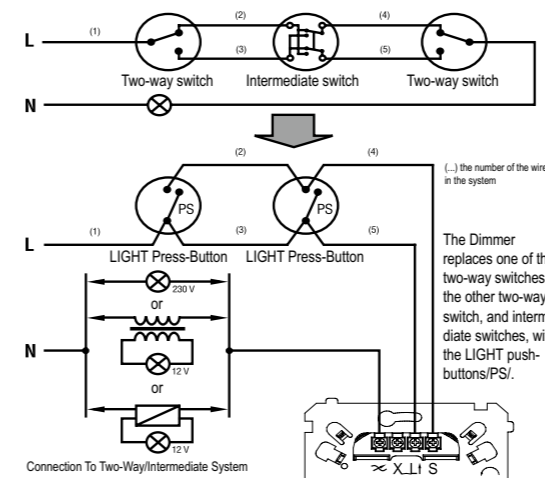
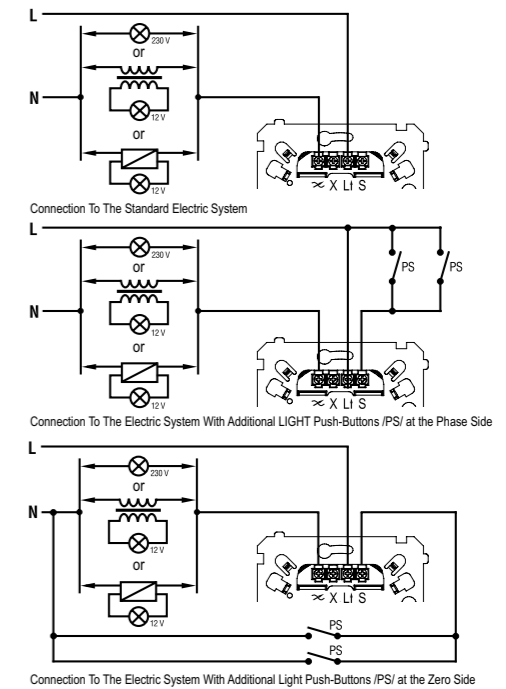
In case the power rating is exceeded above 50% the light is completely switched off. Upon the protection system has operated, the Dimmer shifts to the off-state.

The LED signals the off cause:

- single flash: short-circuit,
- double flash: >50% overload.

Pressing the Dimmer push-button effects the automatic switch-off mode of the Dimmer is deleted, and the Dimmer is shifted to standard operation.

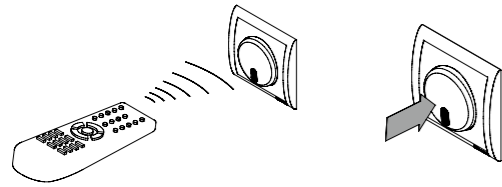
Diagram of the dimmer connection to the electric system






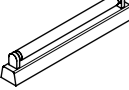

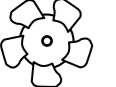
REMOTE CONTROL RELAY SWITCH DWP10P.01/..

Application

The Switch is designed to switch the light on/off in habitable rooms and/or other compartments, as offices, shops, etc. The light switching on/off operations are effected by pressing the Switch push-button, or pressing a button on any RTV pilot (remote controller).



Permissible types of load

	230Vac incandescent lamps	max. 2000W
	230Vac halogen lamps 12Vac halogen lamps connected through a coretype transformer 230/12Vac connected through an electronic transformer	max. 2000W max 1000 W max 2000 W
	energy-saving lamps	max 2000 W
	fluorescent lamps without compensation and with the series compensation circuit with the parallel compensation circuit and connected by duo-circuit	max 1000 W max 2000 W
	LED lamps	max 2000 W
	fans	max 4500 W

Operation

The methods the Switch can be operated:

- REMOTE OPERATION:** using any RTV pilot/remote controller (2 methods, as described beneath),
- DIRECT OPERATION:** a short press of the Switch's button effects switching the light on/off.

REMOTE OPERATION (operating any RTV pilot) – 2 METHODS:

- Using ANY BUTTON on the RTV pilot (assumed configuration) - double depression:**

- First press is long, ca 1sec (till the LED in the switch button is off),
- Second press is short, switching the light on/off.

(The second press must be done in 2 sec after the first press- if not, the stand-by position is over and the LED shines again).

- Using PREPROGRAMMED BUTTON** on the RTV pilot by a **single pressing** the dedicated (assigned) button on the pilot, switching the light on/off.

The description how to shift from a double press (assumed) operation mode to a single press operation (assigning the button on the RTV pilot) is shown beneath.

Assigning the RTV pilot button to switch the lighting on/off

Programming:

- press quickly the Switch's button 6 times; setting the programming mode is signalled by the light is off and the LED is flickering in a cycle: light is on 1.5s / off 0.5s;
- press and hold down the selected button on the pilot (the best is a one that is not used in operation of the RTV equipment); upon the signal from the pilot is already stored the light is on and the LED stops to flicker, the programming operation is completed;
- release the button on the pilot, check switching the light on/off operation by short pressing the assigned button on the pilot, press also few other buttons on the pilot to confirm the switch reacts only to the programmed button.

Programming of the button can be performed many times, repeating the above operations. Any decay of voltage does not effect any loss of the stored signal from the pilot.

In case, the signal from the pilot is not recognised, a trial to program from any other pilot should be repeated. Until the signal from the pilot is stored, the Switch is in the programming mode; however, after 5 minutes of inactivity the Switch leaves the programming mode automatically, or it leaves the mode by a manual switching off.

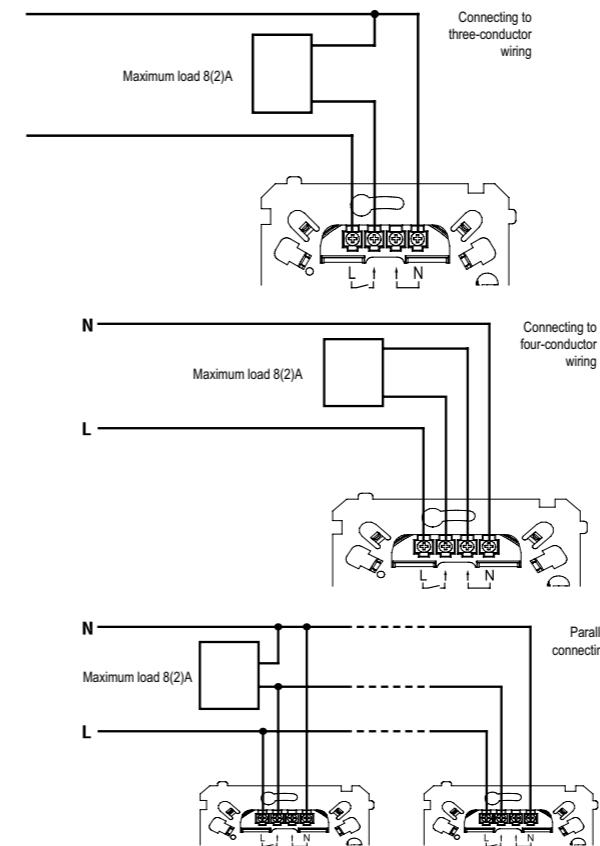
Termination Of The Programming:

- press shortly the button on the Switch, the LED stops to flicker, the Switch remains in a mode as prior to programming, i.e. the assigned button on the pilot is active still, or the Switch is controlled by double pressing of any push-button.

Switching to the double press mode

- switching to the programming mode is effected by pressing quickly 6-times the Switch's button; setting the programming mode is signalled by the light is off and the LED is flickering in a cycle: light is on 1.5s / off 0.5s;
- press and hold down the Switch's button for 3s, when the LED stops to flicker release the button; the Switch resets the stored button and upon double pressing any button on the pilot it commences the remote operation mode.

Diagram of the switch connection to the electric system



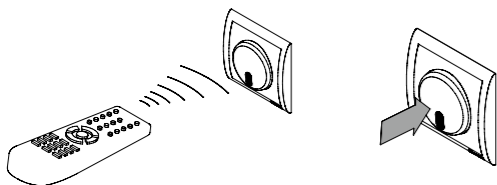
Technical data

Rated voltage	230Vac / 50Hz
Load power, cat. AC1	max 2000W / 8A
Load power, cat. AC3	max 450VA / 2A
Interference level	in accordance with PN-EN-55015
International Protection degree	IP20
Operating mode	continuous
Weight	100g
Range of remote control	6 m if the remote is directed towards the Switch

REMOTE CONTROL SWITCH DWP10T/..

Application

The Remote Control Switch is designed to switch the light on/off in habitable rooms and/or other compartments, as offices, shops, etc. Light switching on/off are effected by pressing the Remote Control Switch push-button, or remotely, using any TV remote controller.



The Remote Control Switch can also be used in any two-way or intermediate type electric system.

Light sources



230V incandescent lamps max 2000 W

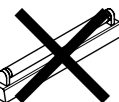


230V halogen lamps max 2000 W

12V halogen lamps connected through a core-type toroidal transformer 230V/12V 20 ÷ 500 W
connected through an electronic transformer 230V/12V 20 ÷ 500 W



energy-saving lighting



fluorescent lamps



LED lighting



WARNING: The Remote Control Switch is not designed for interoperation with the core-type column transformers, fans and other devices fitted with an electric motor. Failure to observe this warning may cause the Remote Control Switch failure.

Operation

The Remote Control Switch can be directly operated by:

- pressing a push-button of the Remote Control Switch,
- pressing an additional LIGHT push-button, connected to the Remote Control Switch;

or operated remotely by:

- any TV remote controller.

Direct Operation:

A short press of the Remote Control Switch push-button, or the additional switch, effects switching the light on/off.

Operation, using a TV Remote Controller, can be performed in two ways:

1. **using any button of the Controller**, pressing it twice with an interval not longer than 2 seconds:
 - The first press on the TV controller push-button brings the Remote Control Switch to stand-by, expecting for a next signal from the controller.
 - The Remote Control Switch stand-by is signalled by the LED switch-off lasting ca 2 seconds since the push-button is released, and during that time a second press of the controller push-button should be effected. If the second signal from the controller does not appear, the LED shines again signalling the stand-by mode is over.
 - The second press on the TV controller push-button operates in the same way as a direct operation of the Remote Control Switch push-button.
- Upon release of the push-button the LED shines again.

2. **using programmed push-button of the TV remote controller**, pressing it once. The press of the TV controller push-button operates in the same way as direct operation of the Remote Control Switch pushbutton.

The LED, shining continuously, signals that there are no operation of the TV controller.

Programming of the TV controller push-button

Programming:

1. press quickly the Remote Control Switch push-button 6 times;
2. setting of the programming mode is signalled by the light switched off and the LED flickering in a cycle: light on for 1.5s / off for 0.5s;
3. press and hold down the selected push-button on the TV controller (a push-button that is usually not used to operate TV is the best); upon the signal from the TV controller is stored in, the lamp switch on, and the LED stops to flicker; the Remote Control Switch leaves the programming mode;
4. release the push-button on the TV controller, check switching the light on/off by short pressing the push-button, press another push-button on the TV controller to check whether the Remote Control Switch reacts only to the programmed push-button.

Programming of a push-button can be performed many times, repeating the above operations. Any decay of voltage does not effect a loss of the stored signal from the TV controller.

In case, the signal from the TV controller is not recognised, a trial to program any other TV controller should be repeated. Until the signal from the TV controller is stored, the Remote Control Switch is in the programming mode; however, after 5 minutes of inactivity the Remote Control Switch leaves the programming mode automatically, or it leaves the mode by a manual switching off.

Termination Of The Programming:

1. **No Changes In Programming:** press shortly the push-button on the Remote Control Switch, the LED stops to flicker, the Remote Control Switch remains in a mode as prior to programming, i.e. the stored signal from the TV controller is active still or the Remote Control Switch is controlled upon double pressing of any push-button;
2. **Deleting The Storage:** press and hold down the Remote Control Switch push-button for 3s, when the LED stops to flicker release the push-button, the Remote Control Switch resets the stored push-button, and upon double pressing on any push-button of the TV controller, it enters the remote operation mode.

Short-circuit protection

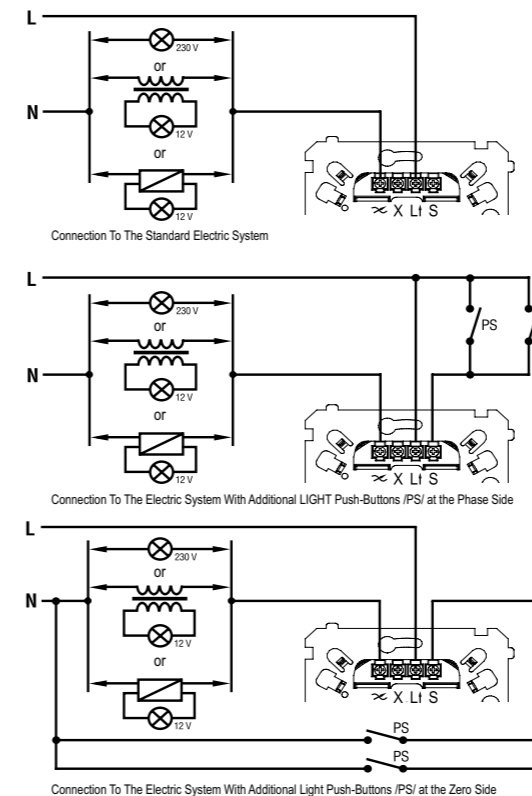
The Remote Control Switch is furnished with the short-circuit protection system switching off the load circuit (switching off the light) upon exceeding 20A current. When a short-circuit is repaired, the Remote Control Switch may be switched on again. When a bulb 230V is close to be burnt out, current can also achieve a protection limit and that is manifested by automatic switching the light off, preventing the bulb to be burnt out.

When automatic switching the light off is frequent, the bulb should be checked and replaced, if needed.

Overload protection

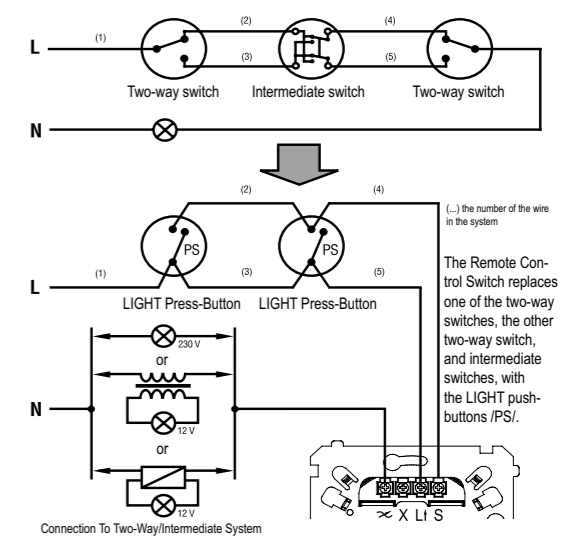
The Remote Control Switch has an overload protection reducing light brightness after few seconds, according to exceeding the power rating of the Remote Control Switch. **In case the power rating is exceeded above 50% the light is completely switched off. Upon the protection system has operated, the Remote Control Switch shifts to the off-state. The LED signals the off cause:**
 - single flash: short-circuit,
 - double flash: >50% overload.
 Pressing the Remote Control Switch push-button effects the automatic switch-off mode of the Remote Control Switch is deleted, and the Remote Control Switch is shifted to standard operation.

Diagram of the remote control switch connection to the electric system



Technical data

Operating Voltage	230V / 50Hz
Load range	5 ÷ 215 W
Type of load	incandescent and 230 V halogen lamps, 12V halogen lamps supplied via core-type or electronic transformers 230 /12 V according to PN-EN-55015
Interference level	IP20
Degree of protection	continuous
Operating mode	smooth - manual (pressing a push-button) - remote (any remote TV controller)
Adjustment mode	110 g
Weight	6 m, aiming the controller at the Remote Control Switch.
Range of remote operation	



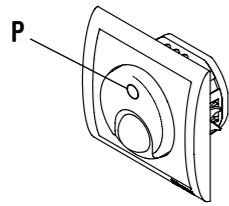
THE RELAY SWITCH WITH A MOTION DETECTOR

**DCR10P.01/...
MCR10P.01/... MCR10P/...
BMC10P/..**



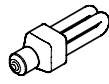
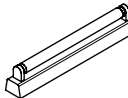
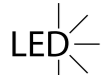

Application

The relay switch with a motion detector is designed for load switching on after any movement in the operating area has been detected, and switching it off after the preset time has been over. It is possible to switch on / off the load permanently with the use of the button /P/.

The relay switch with a motion detector may be used in halls, corridors, staircases, basements, garages, etc.



Permissible types of load

	230Vac incandescent lamps	max 2000W
	230Vac halogen lamps 12Vac halogen lamps connected through a core-type transformer 230/12Vac connected through an electronic transformer 230V/12V	max 2000W max 1000W max 2000W
	energy-saving lamps	max 2000W
	fluorescent lamps without compensation and with the series compensation circuit with the parallel compensation circuit and connected by duo-circuit	max 1000W max 2000W
	LED lamps	max 2000W
	fans	max 450VA

Features of the relay switch with a motion detector

- Automatic (AUTO) load switching on after movement detection for 5 seconds – 21 minutes (smooth adjustment)
- On time elongation after another movement detection
- Enabling the device load switch-on in dependence of external illumination (twilight sensor)
- Permanent load on / off possible
- Twilight sensor preset sensitivity indication

Operation

Relay switch with a motion detector may operate in one of four operating modes: TEST, AUTO, ON, OFF.

TEST mode – the relay switch with a motion detector stays in this mode for one minute after power switching on and after inserting the control unit /1/ again.

The mode is indicated by the LED quick alternating flashing in green and red (0.2/0.2 s).

At that time the relay switch with a motion detector performs the following actions:

- During first 5 seconds it measures illumination versus the reference lighting set with the use of L knob placed at the back of the control unit.
- After 5 seconds the device load will be on.
- After another 5 (50) seconds the device load will be off if external illumination level is greater (less) than the set one.
- After another 50 (5) seconds TEST mode will be terminated and the device will start operating in AUTO mode. It will be indicated by the green LED permanent lighting.

Thanks to TEST mode applying it is possible to set the twilight sensor sensitivity threshold according to description in DEVICE SETTING paragraph.

AUTO mode – This is a basic operating mode of the device. The mode is indicated by the green LED permanent lighting. In this mode, when movement in the operating area is detected, the device load will be on for 5 seconds – 21 minutes in dependence of T knob setting. The knob is placed at the back of the control unit. The time measurement starts from the moment of the movement disappearance. When the device load is on, every subsequent movement detection causes the on time counting from the beginning.

When external illumination level is greater than the twilight sensor sensitivity threshold, preset with the use of L knob, the load will not be on.

ON mode – in this mode the device load is on permanently. The mode is indicated by the LED slow alternating flashing green / red (0.5 / 0.5 s).

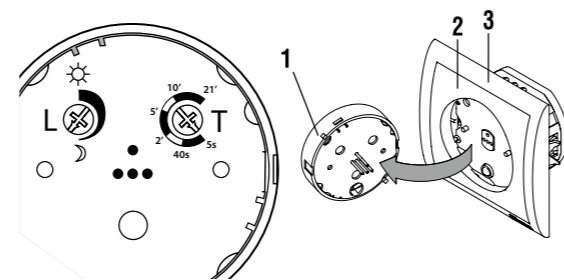
OFF mode – in this mode the device load is off permanently. The movement detection function is disabled. The mode is indicated by the red LED permanent lighting.

When the button /P/ is pressed shortly, the relay switch with a motion detector mode switches the operating modes according to the following sequence: AUTO-ON-OFF-AUTO...

Device setting

Twilight Sensor Setting

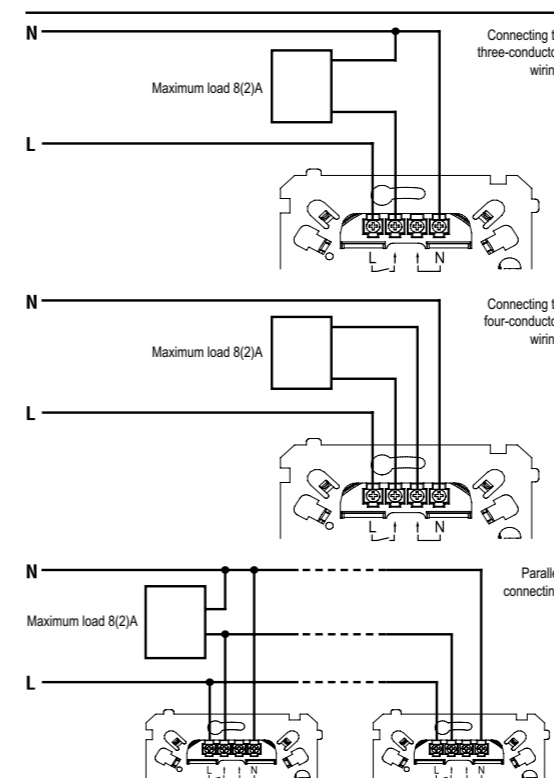
The procedure should be performed when the room illumination is poor so that it is possible to switch the device.



- Remove the control unit /1/ and set L knob in the middle position.
- Insert the control unit /1/ into the sensor body (TEST mode will be entered) and wait for 5 seconds until the device load is on.
- Wait for another 5 seconds. If the device load stays on, remove the control unit and turn L knob towards ☺ symbol in order to decrease the twilight sensor sensitivity threshold. Otherwise, when the load has been off, turn the knob towards ☹ symbol in order to increase the device sensitivity threshold.
- Repeat the procedure again and again until the device load stays on in TEST mode. Every consecutive step rotate the knob by angle less than previously.
- Leave L knob in the set position, wait until TEST mode is terminated (1 minute) and check the sensor in AUTO mode (the device load should be on after movement detection).

After setting L knob in ☹ position the device load will be on every time when movement is detected regardless of external illumination.

The relay switch with a motion detector electrical connection diagram



Technical data

Rated voltage	230Vac / 50Hz
Load power, cat. AC1	max 2000W /8A
Load power, cat. AC3	max 450VA /2A
Interference level	in accordance with PN-EN-55015
International Protection degree	IP20
Operating mode	continuous
Operating modes	TEST, AUTO, ON, OFF
Motion detector operating distance	max 7m; 110° horizontally adjusted, 2–500lx
External illumination sensitivity	
Lighting off time after movement disappearance	5s–21min – adjusted
Weight	110g
Mounting height	1.0–2.5m

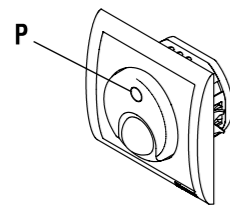
THE SWITCH WITH A MOTION DETECTOR

DCR10T.01/...
MCR10T.01/..., MCR10T/11
BMCR10T.01/..

Application

The switch with a motion detector is designed for the light switching on after any movement in the operating area has been detected, and switching it off after the preset time has been over. It is possible to switch on / off the light permanently with the use of the button /P/.

The switch with a motion detector may be used in halls, corridors, staircases, basements, garages, etc.



Light sources



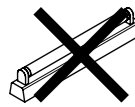
230 V incandescent lamps 20÷500 W



230 V halogen lamps 20÷500 W



12 V halogen lamps connected through a core-type toroidal transformer 230V/12V 20÷500 W



connected through an electronic transformer 230V/12V 20÷500 W



energy-saving lighting

fluorescent lamps

LED lighting



WARNING: The motion detector is not designed for interoperation with the core-type column transformers, fans and other devices fitted with an electric motor. Failure to observe this warning may cause the motion detector failure.

Operation

The switch with a motion detector may operate in one of four operating modes: TEST, AUTO, ON, OFF.

When the button /P/ is pressed shartty, the relay switch with a motion detector mode swit-ches the operating modes according to the following sequece: AUTO-ON-OFF-AUTO...

TEST mode – the switch with a motion detector stays in this mode for one minute after power switching on and after inserting the control unit /1/ again. The mode is indicated by the LED quick flashing (0.2/0.2 s). At that time the switch with a motion detector performs the following actions:

- During first 5 seconds it measures illumination versus the reference lighting set with the use of L knob placed at the back of the control unit.
- After 5 seconds:
 - full switching on the light connected to the motion detector if outside illuminance is less then the preset one;
 - switching on the light with a minimum power if outside illuminance is greater than the preset one.
- After next 25 seconds: switching off the light conected to the detector.
- After next 30 seconds TEST mode terminates automatically and the detector pas-ses into AUTO mode, in the mode the LED lights continnowly.

Thanks to TEST mode applying it is possible to set the twilight sensor sensitmty threshold according to description in DEVICE SETTING paragraph.

AUTO mode – This is a basic operating mode of the device. The mode is indicated by the LED permanent lighting. In this mode, when movement in the operating area is detected, the device load will be on for 5 seconds – 21 minutes in dependence of T knob setting. The knob is placed at the back of the control unit. The time measurement starts from the moment of the movement disappearance. When the device load is on, every subsequent movement detection causes the on time counting from the beginning. When external illumination level is greater than the twilight sensor sensltl-vity threshold, preset with the use of L knob, the load will not be on. After preset time the control module reduces light illuminance by 50% for 5 seconds to Indicate switch-on time termination. If movement is detected again during this period, the control module increases light illuminance to maximum and T time measurement starts from the beginning. If movement is not detected during a period of decreased illuminance, the light is switched off.

Owing to the fact that the light illuminance is decreased towards the end of switch-on period, a person who is in the detector operating range knows that the light will be switched off if the person does not move. If the individual wants to prolong the light switch-on period the person should simply move.

ON mode – In this mode the devlce light is on permanently. The mode is indicated by the LED slow flashing (0.5 / 0.5 s). In this case it is possible to adjust desired illuminance level. In order to adjust the level it is necessary to press and hold the button. Illuminance level changes from minimum to maxlmum. It is possible to adjust the level, regardless of an actual operating mode, by pressing and holding the button /1/. In this case there is no need to changeover into ON mode. After illuminance level adjustment the detector stays in ON mode. Preset illuminance level is stored in memory until module power supply is switched off. After TEST mode termination illuminance level is set for maximum.

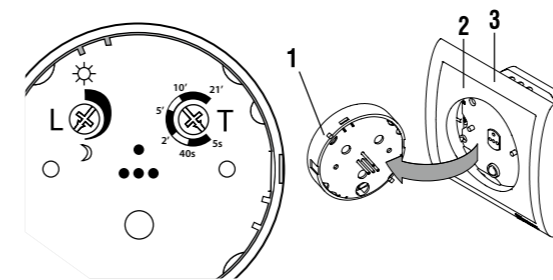
OFF mode – In this mode the light is switched off continuously and movement detection is disabled. The LED is switched off.

In AUTO mode illuminance level is set for maximum.

Device setting

Twilight Sensor Setting

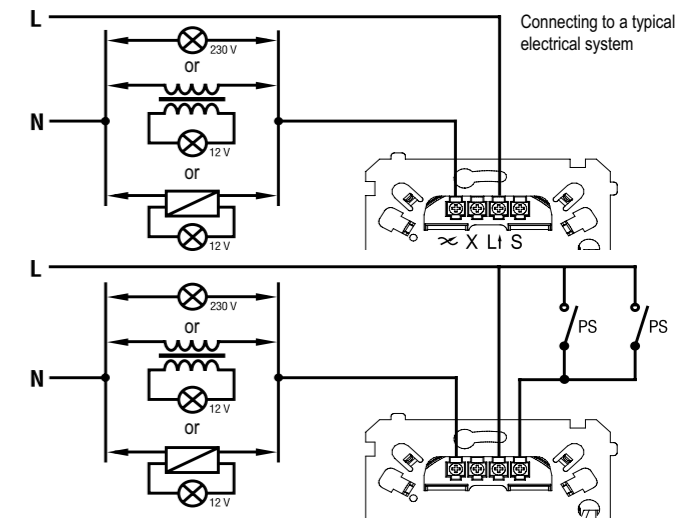
The procedurę should be performed when the room illumination is poor so that it is possible to switch the device.



- Remove the control unit /1/ and set L knob in the middle position,
- Insert the control unit /1/ into the sensor body (TEST mode will be entered) and wait for 5 seconds until the light is on,
- In case the lamp is set on a full intensity of the light, then if the control unit is removed the knob L should be turned toward ⤵ lowering the actuation threshold of the twilight sensor; on the contrary, in case the lamp is set on a minimal intensity of the light, turn the knob L toward ⤴ raising the actuation threshold. Repeat the above two instructions few times turning the knob L by a smaller and smaller angle, till finding the position where the lamp in the TEST mode is turned on the full intensity of the light,
- Leave L knob in the set position, wait until TEST mode is terminated (1 minute) and check the sensor in AUTO mode (the light should be on after movement detection).

After setting L knob in ⚙ position the light will be on every time when movement is detected regardless of external illumination.

The switch with a motion detector electrical connection diagram



Short circuit protection

The swith with a motion detector is fitted with the short circuit protection that switches the load (lighting) OFF when the load current exceeds 20 A. After the short circuit cause removal it is possible to switch the AUTO mode again.

In case of burnout of 230 V light bulb the load current may reach the limit value what will cause the the lighting switching OFF and prevent the bulb from complete burnout. **When the automatic switching OFF repeats over and over again it is necessary to check the bulb stale and replace it if needed.**

Overload protection

The swith with a motion detector is furnished with the overload protection applian-ce, that when the rated load power is exceeded by 30% the Intensity of the lighting is gradually lowered till a final switch off.

Upon the protection appliance is actuated, the swith with a motion detector passes ta the OFF mode (lighting is off).

The LED indicates the cause of the cut-off:

- a single flash means a short-circuit appearance,
- a double flash means an overload appearance.

Pressing of the /P/ push-button erases signalling of the automatic switch-off, and switches the motion sensor to the AUTO mode.

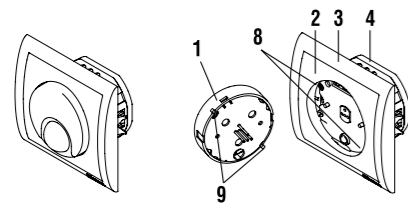
THE RELAY SWITCH WITH A MOTION DETECTOR

DCR11P.01/..., BMR11P.01/..




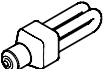
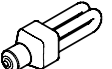
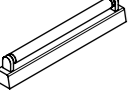
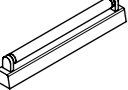


Application

The relay switch with a motion detector is designed for load switching on after any movement in the operating area has been detected, and switching it off after the preset time has been over. The switch has additional hitches /9/ set on the control unit /1/ and screws /8/ fastening the cover /2/ with its frame /3/ to the operating set /4/ protecting the set against dismantling by unauthorized persons.

The switch is designed to be installed in public buildings, as hotels, commercial buildings, general-purpose rooms in dwelling houses, etc.



Permissible types of load

	230Vac incandescent lamps	max 2000 W
	230Vac halogen lamps	max 2000 W
	12Vac halogen lamps connected through a core-type transformer 230/12Vac	max 1000 W
	connected through an electronic transformer 230/12Vac	max 2000 W
	energy-saving lamps	max 2000 W
	fluorescent lamps without compensation and with the series compensation circuit	max 1000 W
	with the parallel compensation circuit and connected by duo-circuit	max 2000 W
	LED lamps	max 2000 W
	fans	max 450 VA

Features of the relay switch with a motion detector

- Automatic (AUTO) load switching on after movement detection for 5 seconds – 21 minutes (smooth adjustment)
- On time elongation after another movement detection
- Enabling the device load switch-on in dependence of external illumination (twilight sensor)
- Twilight sensor preset sensitivity indication
- Hitches /9/ protecting from control unit /1/ removal.

Operation

Relay switch with a motion detector may operate in one of two operating modes: TEST, AUTO.

TEST mode – the relay switch with a motion detector stays in this mode for one minute after power switching on and after inserting the control unit /1/ again.

The mode is indicated by the LED quick alternating flashing in green and red (0.2/0.2 s).

At that time the relay switch with a motion detector performs the following actions:

- During first 5 seconds it measures illumination versus the reference lighting set with the use of L knob placed at the back of the control unit.
- After 5 seconds the device load will be on.
- After another 5 (50) seconds the device load will be off if external illumination level is greater (less) than the set one.
- After another 50 (5) seconds TEST mode will be terminated and the device will start operating in AUTO mode. It will be indicated by the green LED permanent lighting.

Thanks to TEST mode applying it is possible to set the twilight sensor sensitivity threshold according to description in DEVICE SETTING paragraph.

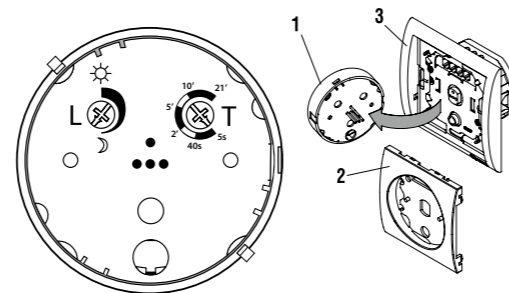
AUTO mode – This is a basic operating mode of the device. The mode is indicated by the green LED permanent lighting. In this mode, when movement in the operating area is detected, the device load will be on for 5 seconds - 21 minutes in dependence of T knob setting. The knob is placed at the back of the control unit. The time measurement starts from the moment of the movement disappearance. When the device load is on, every subsequent movement detection causes the on time counting from the beginning. When external illumination level is greater than the twilight sensor sensitivity threshold, preset with the use of L knob, the load will not be on.

Device setting

Twilight Sensor Setting

The procedure should be performed when the room illumination is poor so that it is possible to switch the device.

It is advised to apply the settings without the cover /2/ in order to avoid multi-snapping of the control unit on the hitches /9/.



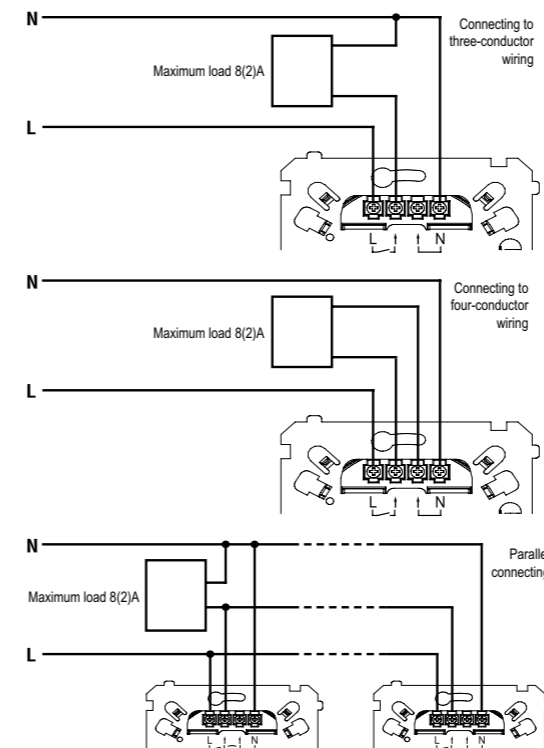
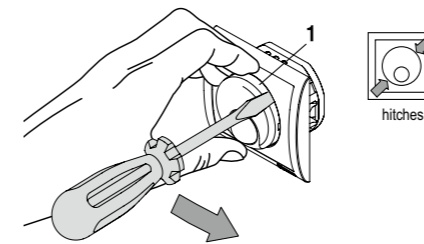
- Remove the control unit /1/ and set L knob in the middle position.
- Insert the control unit /1/ into the sensor body (TEST mode will be entered) and wait for 5 seconds until the device load is on.
- Wait for another 5 seconds. If the device load stays on, remove the control unit and turn L knob towards \gg symbol in order to decrease the twilight sensor sensitivity threshold. Otherwise, when the load has been off, turn the knob towards \odot symbol in order to increase the device sensitivity threshold.

- Repeat the procedure again and again until the device load stays on in TEST mode. Every consecutive step rotate the knob by angle less than previously. Leave L knob in the set position, wait until TEST mode is terminated
- (1 minute) and check the sensor in AUTO mode (the device load should be on after movement detection).

After setting L knob in \odot position the device load will be on every time when movement is detected regardless of external illumination.

When the setting up is completed, put the cover /2/ on and fasten with screws /8/, then insert the control unit /1/ till it is snapped in hitches /9/. The setting up anew is possible when the control unit is removed, as shown in the drawing beneath. In case the motion sensor is not exposed to any unauthorized interference, the hitches /9/ may be cut off and the cover not fastened with screws /8/.

The relay switch with a motion detector electrical connection diagram



Technical data

Rated voltage	230Vac / 50Hz
Load power, cat. AC1	max 2000 W / 8 A
Load power, cat. AC3	max 450 VA / 2 A
Interference level	in accordance with PN-EN-55015
International Protection degree	IP20
Operating mode	continuous
Operating modes	TEST, AUTO
Motion detector operating distance	max 7 m; 110° horizontally
External Illumination sensitivity	adjusted 2 – 500 lx
Lighting off time after movement disappearance	5 s – 21 min – adjusted
Weight	110g
Mounting height	1.0-2.5 m

THE SWITCH WITH A MOTION DETECTOR

DCR11T.01/... BMC R11T.01/..

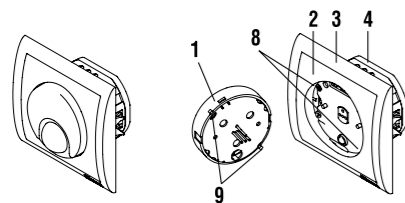
NOTE:

Read this Instruction Manual carefully!
Disconnect your home electric network with the use of appropriate fuses. Only qualified technicians are allowed to connect the device to an electric network.

Application

The relay switch with a motion detector is designed for load switching on after any movement in the operating area has been detected, and switching it off after the preset time has been over. The switch has additional hinges /9/ set on the control unit /1/ and screws /8/ fastening the cover /2/ with its frame /3/ to the operating set /4/ protecting the set against dismantling by unauthorized persons.

The switch is designed to be installed in public buildings, as hotels, commercial buildings, general-purpose rooms in dwelling houses, etc.



Light sources

	230 V incandescent lamps	20 ÷ 500 W
	230 V halogen lamps 12 V halogen lamps connected through a toroidal core-type transformer 230/12Vac connected through an electronic transformer 230/12Vac	20 ÷ 500 W 20 ÷ 500 W
	Energy-save lighting	
	Fluorescent lamps	
	LED lamps	



WARNING: The motion detector is not designed for interoperation with the core-type column transformers, fans and other devices fitted with an electric motor. Failure to observe this warning may cause the motion detector failure.

Features of the relay switch with a motion detector

- Automatic (AUTO) load switching on after movement detection for 5 seconds – 21 minutes (smooth adjustment)
- Light illuminance decreases 5 seconds before off the light
- On time elongation after another movement detection
- Enabling the device load switch-on in dependence of external illumination (twilight sensor)
- Twilight sensor preset sensitivity indication
- Hitches /9/ protecting from control unit /1/ removal

Operation

The switch with a motion detector may operate in one of two operating modes: TEST, AUTO

TEST mode – the switch with a motion detector stays in this mode for one minute after power switching on and after inserting the control unit /1/ again.

The mode is indicated by the LED quick flashing (0.2/0.2 s).

At that time the switch with a motion detector performs the following actions:

- During first 5 seconds it measures illumination versus the reference lighting set with the use of L knob placed at the back of the control unit.
- After 5 seconds:
 - full switching on the light connected to the motion detector if outside illuminance is less than the preset one;
 - switching on the light with a minimum power if outside illuminance is greater than the preset one.
- After next 25 seconds: switching off the light connected to the detector.
- After next 30 seconds TEST mode terminates automatically and the detector passes into AUTO mode, in the mode the LED lights continuously.

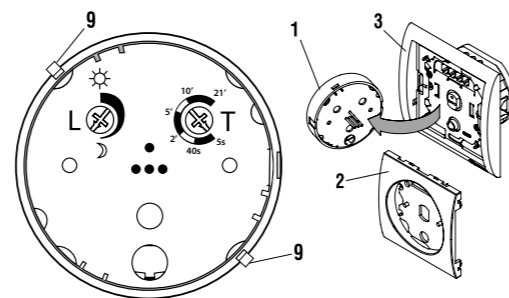
Thanks to TEST mode applying it is possible to set the twilight sensor sensitivity threshold according to description in DEVICE SETTING paragraph.

AUTO mode – This is a basic operating mode of the device. The mode is indicated by the LED permanent lighting. In this mode, when movement in the operating area is detected, the device load will be on for 5 seconds – 21 minutes in dependence of T knob setting. The knob is placed at the back of the control unit. The time measurement starts from the moment of the movement disappearance. When the device load is on, every subsequent movement detection causes the on time counting from the beginning. When external illumination level is greater than the twilight sensor sensitivity threshold, preset with the use of L knob, the load will not be on. After preset time the control module reduces light illuminance by 50% for 5 seconds to indicate switch-on time termination. If movement is detected again during this period, the control module increases light illuminance to maximum and T time measurement starts from the beginning. If movement is not detected during a period of decreased illuminance, the light is switched off.

Owing to the fact that the light illuminance is decreased towards the end of switch-on period, a person who is in the detector operating range knows that the light will be switched off if the person does not move. If the individual wants to prolong the light switch-on period the person should simply move.

Device setting

Twilight Sensor Setting

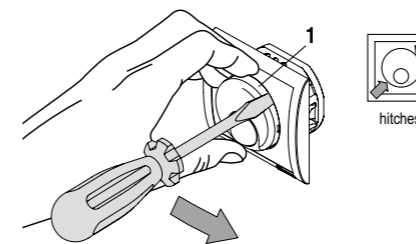


The procedure should be performed when the room illumination is poor so that it is possible to switch the device.
It is advised to apply the settings without the cover /2/ in order to avoid multi-snapping of the control unit on the hinges /9/.

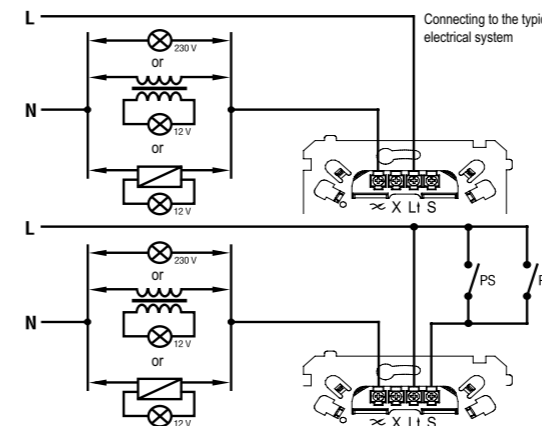
- Remove the control unit /1/ and set L knob in the middle position.
- Insert the control unit /1/ into the sensor body (TEST mode will be entered) and wait for 5 seconds until the device load is on.
- Wait for another 5 seconds. If the device load stays on, remove the control unit and turn L knob towards \curvearrowright symbol in order to decrease the twilight sensor sensitivity threshold. Otherwise, when the load has been off, turn the knob towards \curvearrowleft symbol in order to increase the device sensitivity threshold.
- Repeat the procedure again and again until the device load stays on in TEST mode.
- Every consecutive step rotate the knob by angle less than previously. Leave L knob in the set position, wait until TEST mode is terminated (1 minute) and check the sensor in AUTO mode (the device load should be on after movement detection).

After setting L knob in \curvearrowleft position the device load will be on every time when movement is detected regardless of external illumination.

When the setting up is completed, put the cover /2/ on and fasten with screws /8/, then insert the control unit /1/ till it is snapped in hinges /9/. The setting up anew is possible when the control unit is removed, as shown in the drawing beneath. In case the motion sensor is not exposed to any unauthorized interference, the hinges /9/ may be cut off and the cover not fastened with screws /8/.



The switch with a motion detector electrical connection diagram



Short circuit protection

The switch with a motion detector is fitted with the short circuit protection that switches the load (lighting) OFF when the load current exceeds 20 A. After the short circuit cause removal it is possible to switch the AUTO mode again. In case of burnout of 230 V light bulb the load current may reach the limit value what will cause the the lighting switching OFF and prevent the bulb from complete burnout. **When the automatic switching OFF repeats over and over again it is necessary to check the bulb state and replace it if needed.**

Overload protection

The switch with a motion detector is furnished with the overload protection appliance, that when the rated load power is exceeded by 30% the intensity of the lighting is gradually lowered till a final switch off.

Upon the protection appliance is actuated, the switch with a motion detector passes to the OFF mode (lighting is off). The LED indicates the cause of the cut-off:

- a single flash means a short-circuit appearance,
- a double flash means an overload appearance.

Switching OFF/ON the fuses of house installation erases signalling of the automatic switch-off, and switches the motion sensor to the AUTO mode.

Technical data

Rated voltage	230Vac / 50Hz
Load range	20 ÷ 500W
Interference level	in accordance with PN-EN-55015
International Protection degree	IP20
Operating mode	continuous
Operating modes	TEST, AUTO
Motion detector operating distance	max 7m; 110° horizontally
External illumination sensitivity	adjusted, 2 – 500lx
Lighting off time after movement disappearance	5 s – 21 min – adjusted
Weight	110g
Mounting height	1.0 – 2.5m

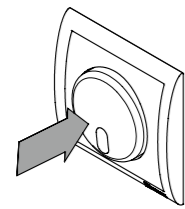
RELAY SWITCH WITH TIMER

DWC10P.01/..
MWC10P.01/..,
MWC10P/..







Application

The relay timer is designed for the load switching on and automatic switching off after the preset time has been over. It is possible to switch on / off the load before the preset time terminates.

The relay timer may be used in halls, staircases, basements, garages, doctor's surgeries, hospitals (bactericidal lamps control), etc.



Permissible types of load

	230Vac incandescent lamps	max 2000W
	230Vac halogen lamps	max 2000W
	12Vac halogen lamps connected through a core-type transformer 230/12Vac	max 1000W
	connected through an electronic transformer 230V/12V	max 2000W
	energy-saving lamps	max 2000W
	fluorescent lamps without compensation and with the series compensation circuit	max 1000W
	with the parallel compensation circuit and connected by duo-circuit	max 2000W
	LED lamps	max 2000W
	fans	max 450VA

The relay timer features

- Load switch-on time 0.5–99 minutes (discrete settings, every 1 minute)
- Permanent load on possible (by means of pressing an appropriate key button for 3 s)
- load switching off possible at any moment by means of pressing an appropriate key button
- Protection against the button locking

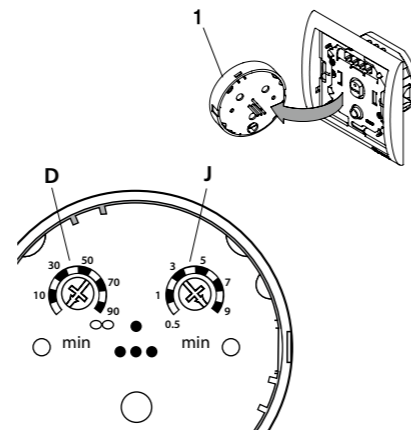
Device functioning

Relay timer enables load switching on for the time set within the range of 0.5–99 minutes (TIME mode) or permanently (CONTINUOUS mode).

- When the key button /1/ is pressed shortly, the load will be on for the time set with the use of the knobs placed at the back of the key button (TIME mode). The load will be off automatically after the preset time is terminated or at any moment after the key button has been pressed before the on-time terminating. The OFF state is indicated by the red LED lighting, and the ON state – green LED.
 - When the key button is pressed again (for more than 3 seconds) the device load will be on permanently (CONTINUOUS mode). The state is indicated by the LED flashing alternately in green and red (0.5 / 0.5 s). The next key button pressing (shortly) will cause the device load to be off.
- In CONTINUOUS mode the relay timer operates as a normal switch manually controlled.

It is possible to select CONTINUOUS mode permanently by setting D knob in ∞ position. In this case, in order to switch on / off the device load it is necessary to press the key button shortly.

Additionally, relay timer is protected against permanent pressing the key button, e.g. locking by an object. In such a case the device load will be off after 10 seconds. Another load switching on is possible after interlocking removal.

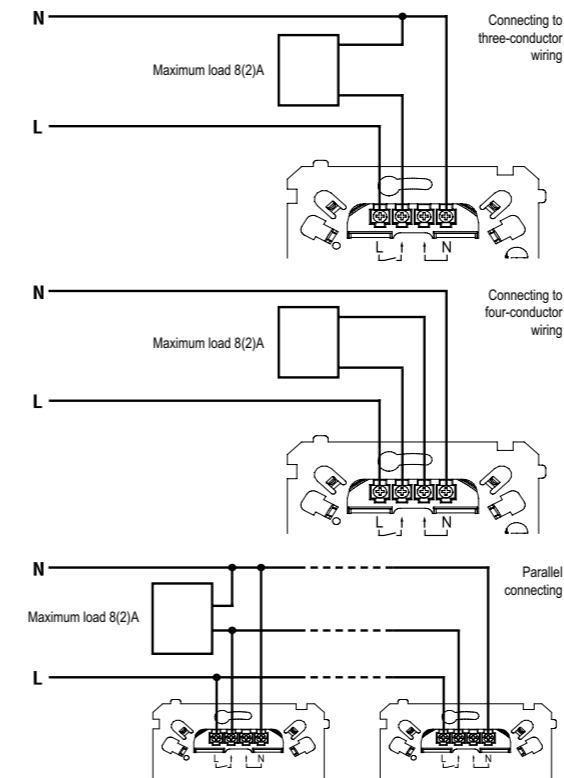


Device setting

- Remove the key button /1/ and set the requested ON-time, in minutes, by means of J (units) and D (tens) knobs. The knob settings sum up.
- insert the key button /1/ back. After you release the key button the LEDs will start flashing in order to show the selected ON-time according to the table below:

Number of the green LED flashes	D setting	Number of the red LED flashes	J setting
0	0 min	0	0.5 min
1	10 min	1	1.0 min
2	20 min	2	2.0 min
•	•	•	•
•	•	•	•
9	90 min	9	9.0 min
10	∞ – CONTINUOUS mode	0	any

Relay timer electrical connection diagram



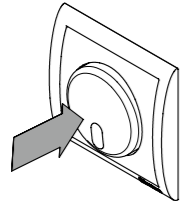
Technical data

Rated voltage	230Vac / 50Hz
Load power, cat. AC1	max 2000W / 8A
Load power, cat. AC3	max 450W / 2A
Interference level	in accordance with PN-EN-55015
International Protection degree	IP20
Operating mode	continuous
Operating modes	TIME, CONTINUOUS
Switch-on time	0.5–99 minutes (discrete settings, every 1 minute)
Weight	100g
Mounting height	1.0–2.5m

TIMER SWITCH DWC10T.01/.. MWC10T.01/.. MWC10T/..

Application

The Time Switch is designed to switch the lighting system on and/or to switch the lighting system automatically off upon the pre-set time elapses. Also, the lighting system can be switched any time on, or off prior the preset time elapses. The Time Switch can be applied indoor, in compartments as anterooms, staircases, cellars, garages, etc.



Light sources



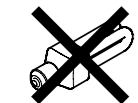
230V incandescent lamps 20 ÷ 500 W



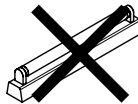
230V halogen lamps 20 ÷ 500 W



12V halogen lamps connected through a core-type toroidal transformer 230V/12V or connected through an electronic transformer 230W/12V 20 ÷ 500 W



energy-saving lighting



fluorescent lamps



LED lighting



WARNING: The dimmer is not designed for inter-operation with the core-type column transformers, fans and other devices fitted with an electric motor. Failure to observe this warning may cause the dimmer failure.

Operation

The Time Switch has a capacity to switch the light on for a pre-set time of 15s ÷ 10min, or for an extended 30min time.

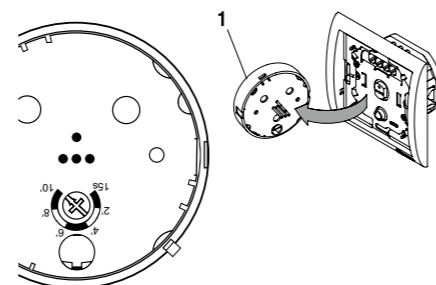
- Short pressing of the button IM effects the light is switched on for a time pre-set with a knob placed a the button back.
- Longer (more than 1 s) pressing of the button effects the light is switched on for the extended 30min time signaled by a LED flicker.

Upon the pre-set time elapses, the Time Switch lowers the light brightness for a half, signaling thereby termination of the pre-set time. Such a condition is maintained for 15s when a short lighting time is concerned, and for 15s for a long lighting time, and then the light is off.

Pressing the button, prior the pre-set time elapses, stops the timing and switches the light off. Pressing the button during the termination signaling period switches the light on again, for a pre-set time.

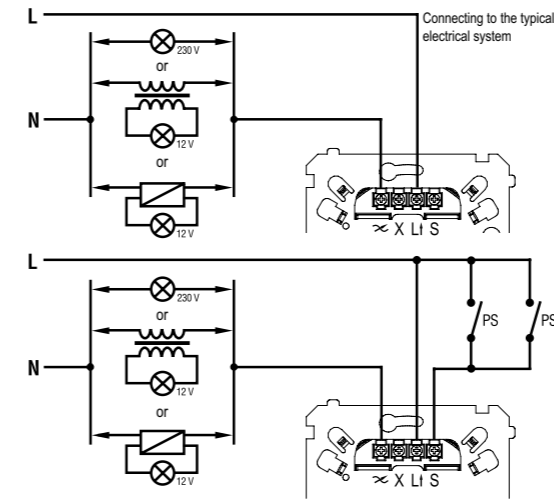
Additionally, the Time Switch is equipped with a protection against effects of uncontrolled permanent pressing of the button, e.g. the button is blocked with any object. In such a situation, upon the pre-set time and the following termination time elapse, the light is switched off. Switching the light on again is possible only when the blocking is removed and then the button is pressed again.

Setting up



- Remove the button /1/ and, using a knob, set the required lighting time up, following the description at the back of the button.
- Insert the button /1/ back, pressing shortly the button switch the light on, and check whether the time is set up as required.
- If the time is set up inconsistently with requirements, remove the button again and set up as required.

Diagram of the time switch connection to the electric system



Short-circuit protection

The Time Switch is equipped with the short-circuit protection system switching off the circuit (switching off the light) upon the 20A current is exceeded. When a short-circuit is repaired, the Time Switch may be switched on again.

When a bulb 230V is close to be burnt out, current can also achieve a protection limit and that is manifested by automatic switching the light off, preventing the bulb to be burnt out.

When automatic switching the light off is frequent, the bulb should be checked and replaced, if needed.

Overload protection

In case the power rating is exceeded above 50% the light is switched off completely.

Upon the protection system has operated, the Time Switch is shifted to the off-mode.

The LED signals the off cause:

- single flash: short-circuit,
- double flash: >50% overload.

Pressing the Time Switch button effects the automatic switch-off mode of the Time Switch is deleted, and the Time Switch is shifted to standard operation.

Technical data

Operating Voltage	230V / 50Hz
Power	20 ÷ 500 W
Load	230V halogen & incandescent lamps, 12V halogen lamps, through a core-type, toroidal, or electronic transformer 230V /12V according to PN-EN-55015
Level of interference	IP20
Protection degree	continuous
Mode of operation	15s up to 10min (smooth adjustment)
Time of operation	30min
Extended time of operation	110 g
Weight	

TEMPERATURE REGULATOR

..RT10w/.. with inner (air) sensor
..RT10z/.. for outer (floor) sensor NTC-03
 (sensor included)

Application

The temperature regulator is designed to control underfloor heating systems, electric heaters, etc. in a manner assuring maintenance of constant temperature.

Total power of the connected load may not exceed 3600W for voltage 230V. Load of higher power shall be connected through an additional contactor.

The ..RT10w/.. regulator with an inner sensor enables maintenance of constant air temperature in a room, and the ..RT10z/.. regulator with connected an outer NTC-03 type sensor placed in the floor enables maintenance of constant temperature of underfloor heating. An external sensor connecting cable may be extended up to 50m. The regulator can be mounted by use of screws in flush-mounted \varnothing 60 mm terminal boxes and surface boxes and in multiple-box sets CLASSIC (MRT10../..) or Simon54 Premium (DRT10../..).

Design and operation

The regulator has a 16A double-pole switch (W) that guarantees complete disconnection of the load circuit from the network and a 16A output relay (P). It also has a protection system to switch off the load circuit in case of short-circuit or sensor circuit failure. A red LED signals switching on of the load circuit. The regulator switches the load circuit ON/OFF in cycles to assure maintenance of constant temperature set by an adjustment knob.

Terminals enable connection of single conductors with sections of 4 mm² or two conductors of sections 2.5 mm². A terminal for connection of a protection conductor enables maintenance of protection circuit continuity. There are grooves around 1/3 of a knob axis and a tongue in a knob hole that fits into them. This enables setting of the knob adequate to the user's needs. In order to adjust the setting, the knob must be taken out, turned in a suitable direction and pushed in again.

The following temperatures correspond with the individual points of the scale: 1 - 5°C; 2 - 14°C; 3 - 22.5°C; 4 - 31 °C; 5 - 40°C.

Installation recommendations

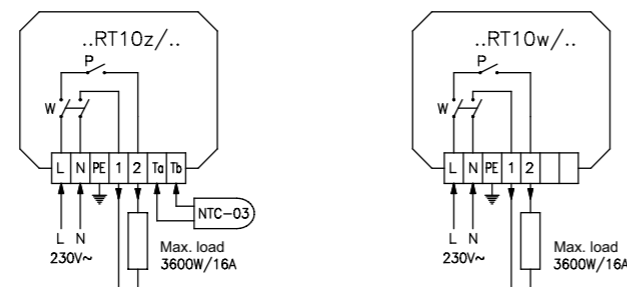
The regulator should be installed on a wall, 1.0-1.5m above the floor level, in a heated room in a place assuring free air circulation, oriented in such a way that the knob is placed on the right (see the figure 'Method of Installation'). It should not be exposed to direct action of other sources of heat (e.g., the sun), to draughts (close to windows, doors, etc.) or water.

Attention should be paid to correct connection of power supply, i.e. a phase conductor to L terminal and a neutral conductor to N terminal.

Technical data

Operating voltage	230 V \pm 10% / 50 Hz
Load current	16 A – cat. AC1 (resistance load) 2 A – cat. AC3 (inductive load)
Type of load	resistance – cable or heating mat, electric heaters inductive – fan, blown air heating
Type of disconnecting	16A double-pole switch
Temperature regulation range	5–40°C
Temperature hysteresis	\pm 0,3°C
Type of operation	automatic
Method of regulation	ON-OFF
Protection	against short-circuit or sensor circuit failure
Type of sensor	inner (air) – in regulator types ..RT10w/.. outer (floor) NTC-03 – for regulator types ..RT10z/.. rotary potentiometer
Temperature setting	95 g
Weight	1,0–1,5 m.
Height of installation	IP20
Protection class	conforming to PN EN 50014
Level of interference	PN-EN 60730-1, PN-EN 60730-2-9
Referenced standards	

Diagram of regulator connection to the electrical system



R-TV FINAL ANTENNA SOCKET, SEPARATED

type AAK/..., MAK2/..., AK2M

Purpose

The antenna socket is applied in personal and community networks or cable TV systems and is used for the connection of devices such as a television set, VCR or a radio receiver to these networks.

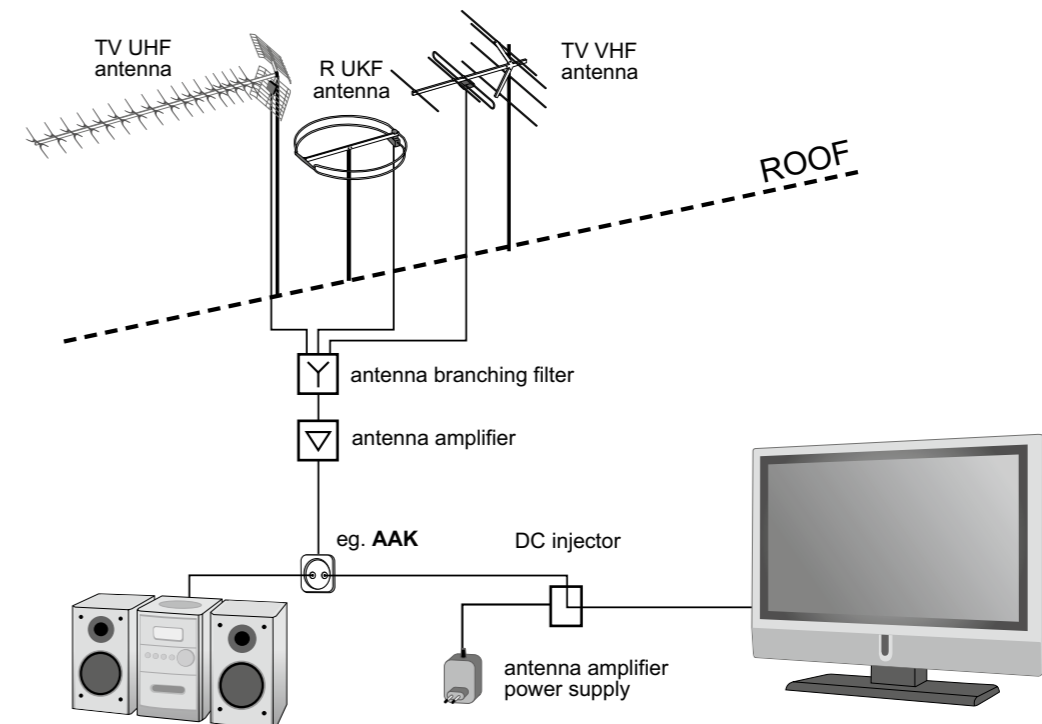
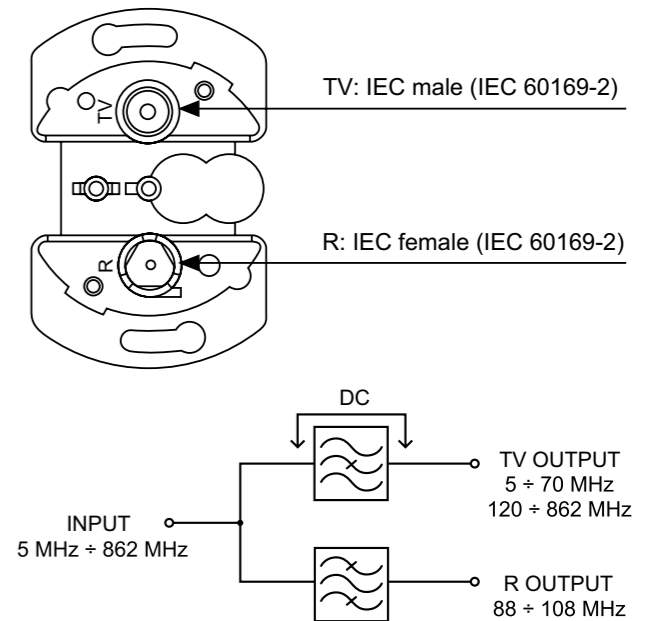
Application

The inputs of the socket are adapted for the connection of a concentric cable with a 75 Ω impedance, providing signal from receiving antennas. The outputs are made in line with the IEC standard allowing for the connection of a radio receiver or a TV-set. Due to a suitable structure of the outputs, the signals of the following frequency ranges are transmitted:

- TV output: 5 ÷ 70 MHz and 120 ÷ 862 MHz
- R output: 88 ÷ 108 MHz

Coupling attenuation of TV and R outputs: 1. -1.5 dB

The final antenna socket is used in community networks with star topology and in personal single-outlet systems, where the amplifier is based by the antenna while the power supply is located by the TV receiver before the antenna socket. A special structure allows for the power supply of the amplifier based by the antenna by means of an antenna cable.



**R-TV ANTENNA SOCKET
FEED-THROUGH**

type:
AA10/.. ÷ 23/..
MA10/.. ÷ 23/..
AP10M ÷ 23M
FINAL
type:
AAZ/..
MAZ/..
AZM

Purpose
The antenna socket is applied in personal and collective networks or cable TV systems and is used for the connection of devices such a television set, VCR or a radio receiver to these networks.

Application
The inputs of the socket are adapted for the connection of a concentric cable with a 75Ω impedance, providing signal from receiving antennas. The outputs are made in line with the IEC standard allowing the connection of a radio receiver or a TV-set. Due to a suitable structure of the outputs, the signals of the following frequency ranges are transmitted:
TV output: 5 ÷ 70 MHz and 120 ÷ 862 MHz
R output: 88 ÷ 108 MHz

Feed-through R-TV sockets are manufactured with six different coupling attenuation values:
AA10/..: MA10/..: AP10M - 10 dB
AA14/..: MA14/..: AP14M - 14 dB
AA16/..: MA16/..: AP16M - 16 dB
AA18/..: MA18/..: AP18M - 18 dB
AA20/..: MA20/..: AP20M - 20 dB
AA23/..: MA23/..: AP23M - 23 dB

Coupling attenuation of the final socket:
AAZ/..: MAZ/..: AZM - 10 dB

The feed-through sockets along with the final socket find their application in feed-through community systems and complex personal systems in which the sockets are connected in series.

The final socket is used for ending the feed-through system (terminating resistor not required). As the source of signal gets more distant, the signal level is decreased. A constant RTV signal level is achieved by selecting sockets with such coupling attenuation that the next socket's attenuation (further from source) is lower.

**R-TV-SAT FINAL ANTENNA
SOCKET, SEPARATED**

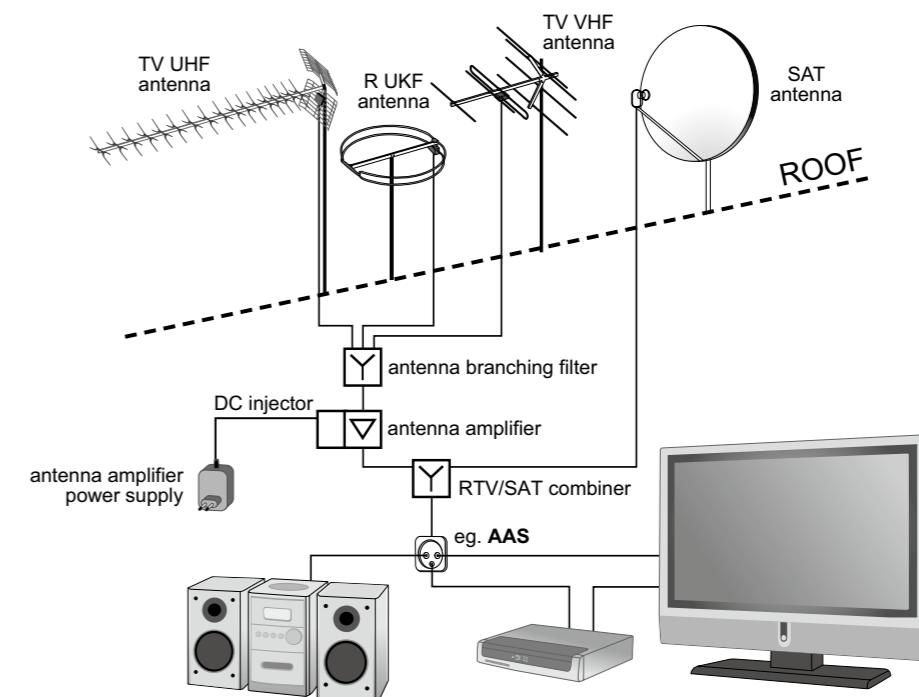
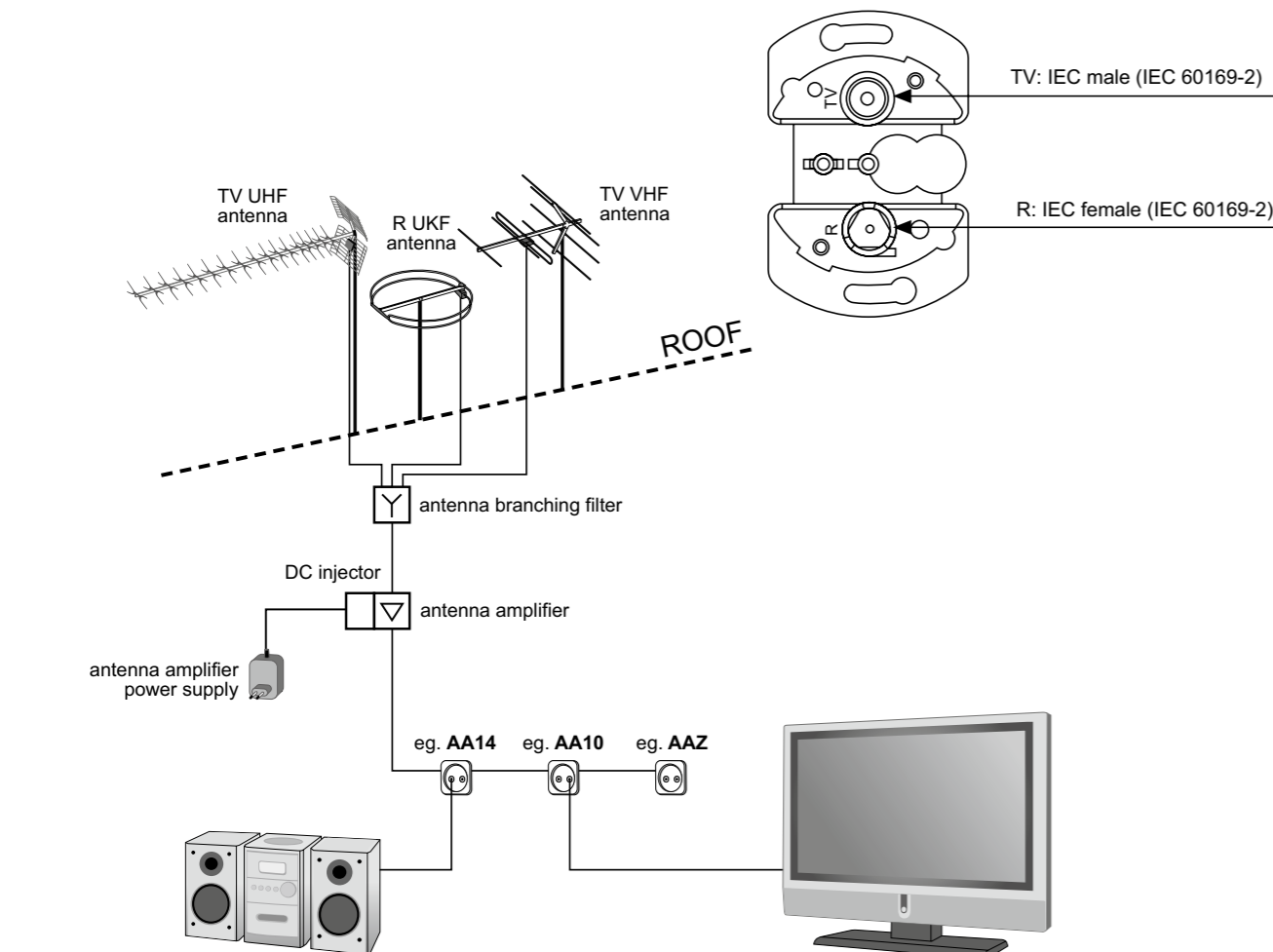
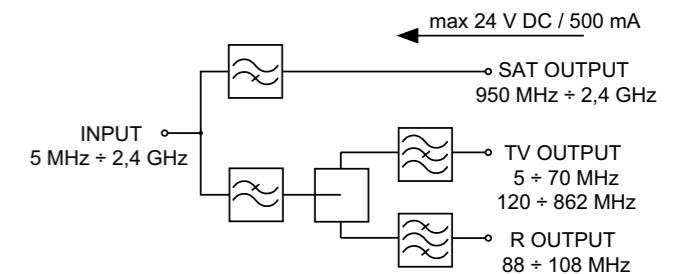
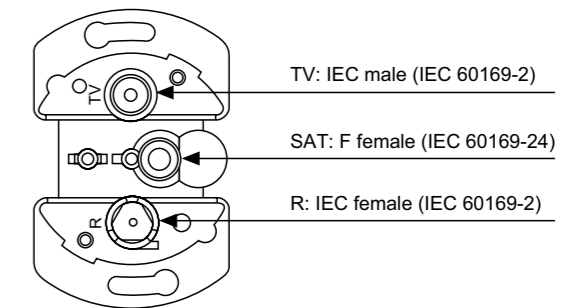
type:
AAS/..
MAS/..
ZAR-SAT1.3/1

Purpose
The antenna socket is applied in personal and community networks or cable TV systems and is used for the connection of devices such a television set, VCR or a radio receiver to these networks.

Application
The inputs of the socket are adapted for the connection of a concentric cable with a 75Ω impedance, providing signal from receiving antennas. The outputs are made in line with the IEC standard allowing the connection of a radio receiver or a TV-set. Due to a suitable structure of the outputs, the signals of the following frequency ranges are transmitted:
- TV output: 5 ÷ 70 MHz and 120 ÷ 862 MHz
- R output: 88 ÷ 108 MHz
- SAT output 950 ÷ 2400 MHz

The coupling attenuation for the SAT, R and TV outputs: 1.0 dB

The final antenna socket splits the signals directing them to appropriate outputs – SAT – for the satellite TV tuner, TV – for the television signal receiver and R – for radio signal receiver. Special structure of the socket allows for the flow of direct and alternate current between the SAT output and the socket input to power the satellite antenna converter.



R-TV-SAT FEED-THROUGH ANTENNA SOCKET

type:
AASP/..
ZAR-SAT10/P

Application

The antenna socket is intended for community antenna or personal feed-through systems and is used for the connection of R and TV receivers and satellite TV tuners. Each of the sockets is equipped with an input and output for a concentric cable with 75 Ω impedance, which allows the sockets to be connected in series. Two outlets in line with the IEC standard and one F-type outlet allow to connect the radio and TV receivers as well as a satellite TV tuner. However, only one satellite TV tuner may be connected to a serial circuit of the final antenna sockets.

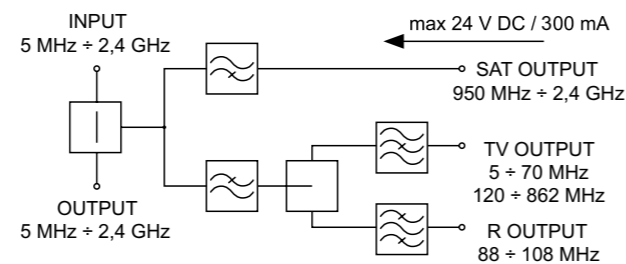
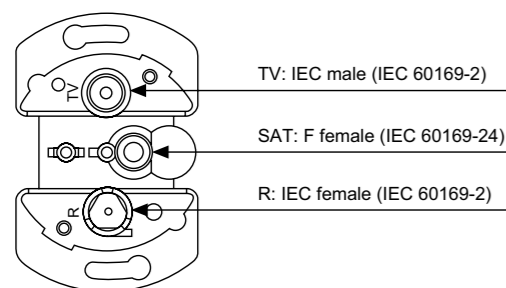
Technical data

Frequency ranges:
- for SAT output: 950 ÷ 2400 MHz
- for TV output: 5 ÷ 70 MHz and 120 ÷ 862 MHz
- for R output: 88 ÷ 108 MHz

Feed-through attenuation:
- for SAT: 7 dB
- for R and TV: 4 dB

Coupling attenuation:
- for SAT output: 8 dB
- for R and TV outputs: 12 dB

Connector types:
SAT: F socket
TV: IEC socket
R: IEC socket

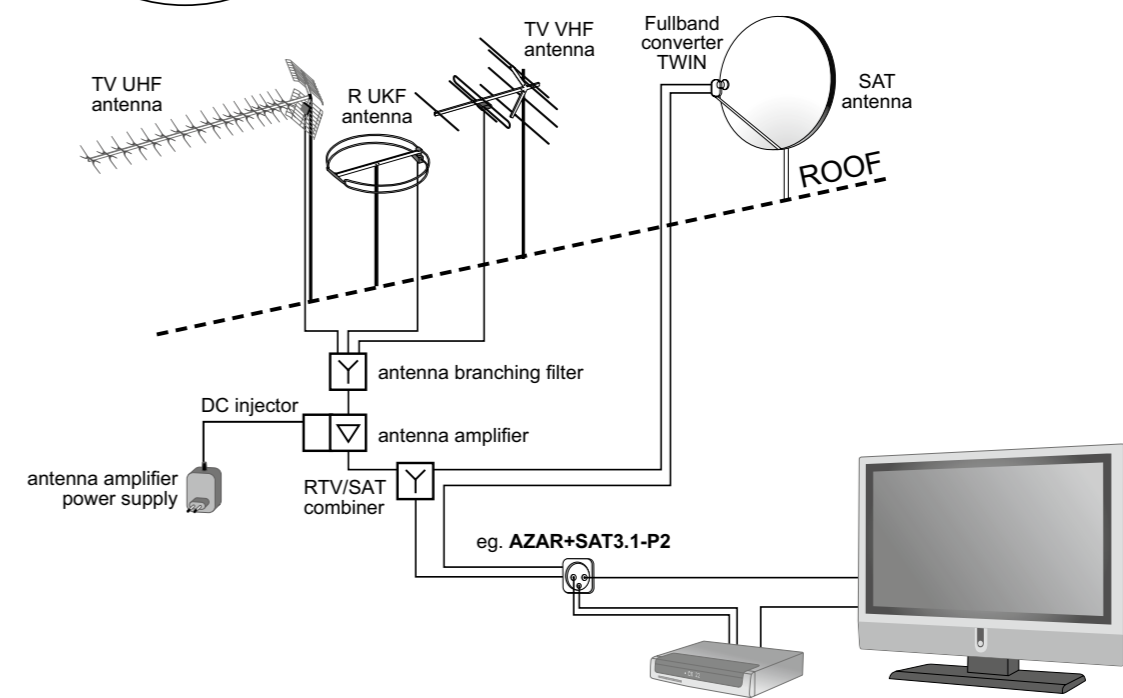
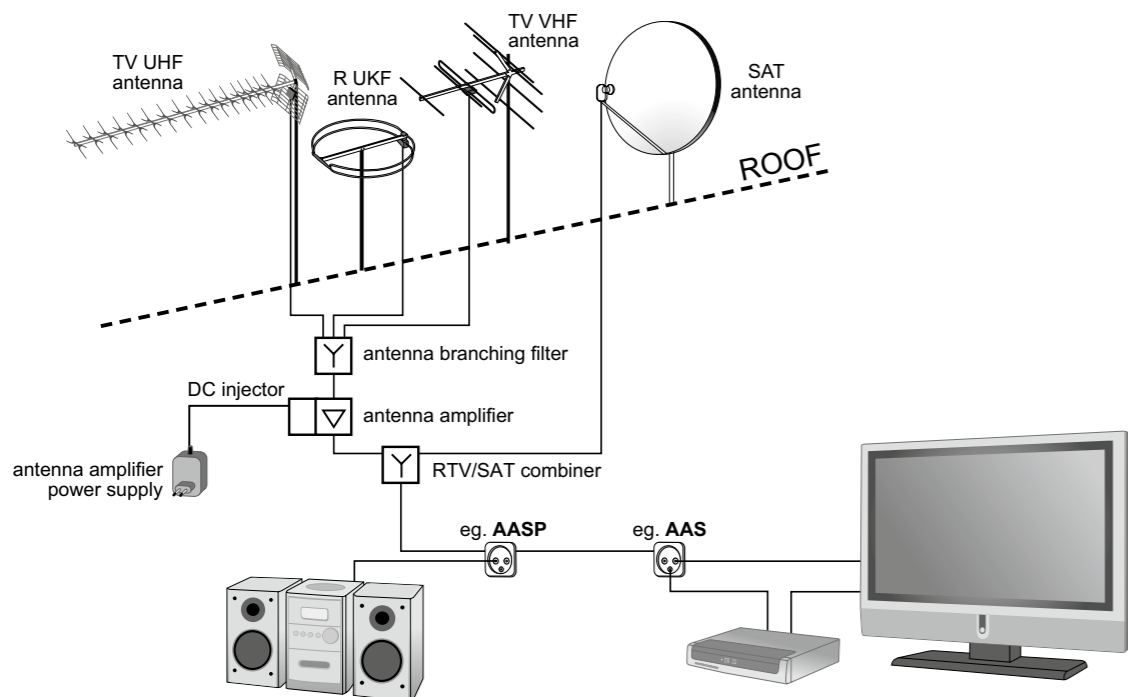
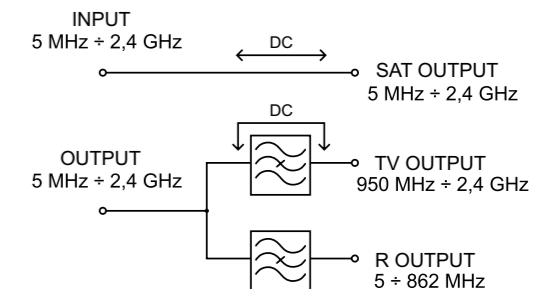
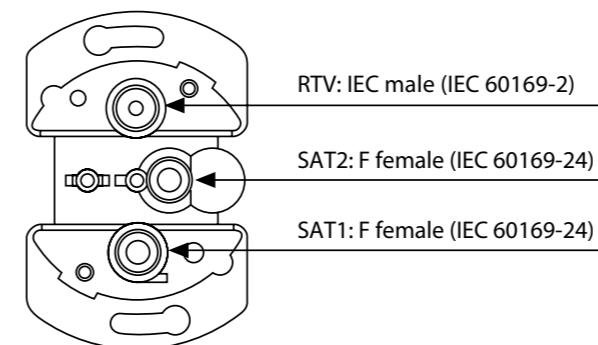


SAT-SAT-RTV DOUBLE ANTENNA SOCKET, FINAL

type:
AZAR + SAT3.1-P2/..
MZAR + SAT3.1-P2/..
ZAR + SAT3.1-P2

Application

- For analog and digital RTV-SAT systems,
- High isolation of individual sockets,
- Galvanic isolation of the RTV input and output,
- Two input sockets for the coaxial cable providing signals from antennas:
for the SAT input: 5 ÷ 2400 MHz
for the RTV/SAT input: 5 ÷ 2400 MHz
- Possibility of using the SAT socket as a return channel
- Useful in case of decoders with a double tuner allowing for simultaneous watching and recording of separate programs.



R-TV-DATA FINAL ANTENNA SOCKET

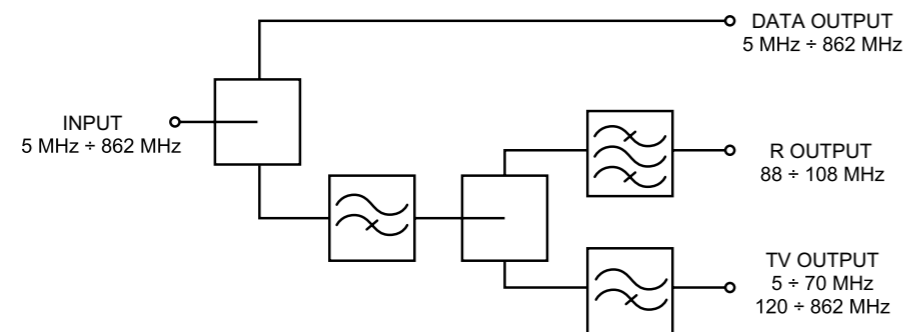
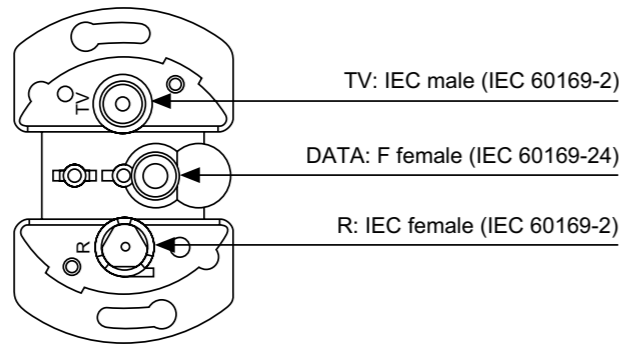
type:
ADM
AAD/..

Application

- Multimedia sockets **R-TV-DATA** are intended for cable TV systems in which the return channel is used, that is, data transmission, Internet and VoIP services are provided.
- Ensures the division of signal into R, TV and DATA signals.
- One input socket for the coaxial cable providing signal in 5 ÷ 862 MHz frequency.
- Two output sockets in line with the IEC 60169-2 standard for the connection of a radio and TV receiver.
- One F-type socket for data transmission.
- Full frequency response in individual bands.
- High isolation between individual sockets.

Technical data

Input line frequency range	5 ÷ 862 MHz
TV line frequency range	5 ÷ 70 MHz 120 ÷ 862 MHz
R line frequency range	88 ÷ 108 MHz
DATA line frequency range	5 ÷ 862 MHz
Attenuation in the DATA line	2,4 ÷ 4,3 dB
Attenuation in the TV line	9,5 ÷ 12,4 dB
Attenuation in the R line	13,2 ÷ 13,6 dB



R-TV FINAL ANTENNA SOCKET, SEPARATED

type:
BMZAR1/1.01/..

Purpose

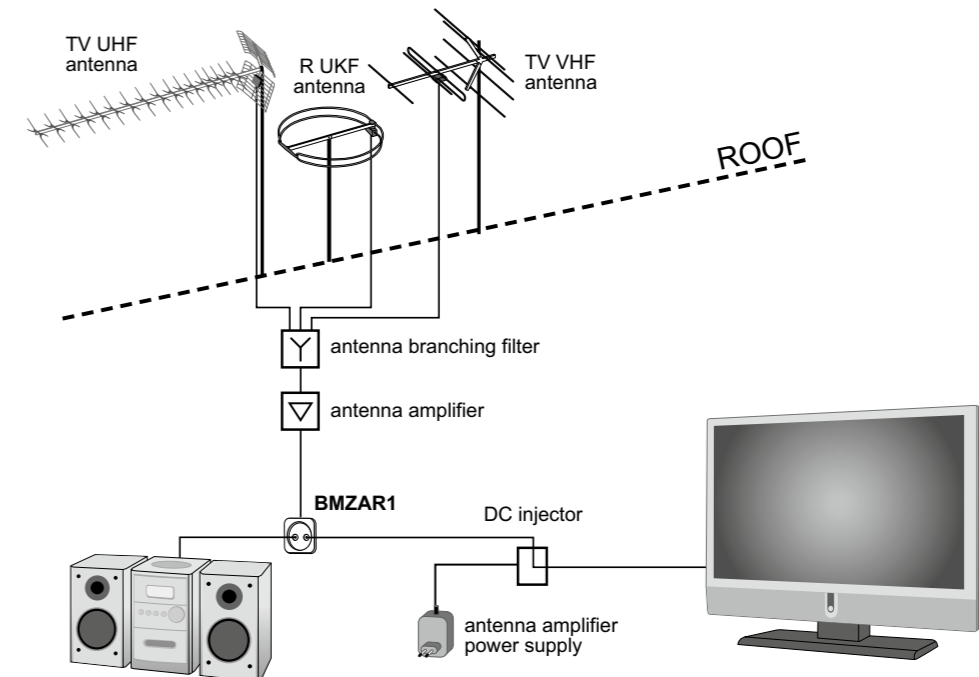
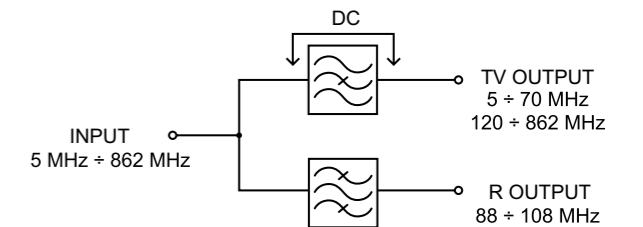
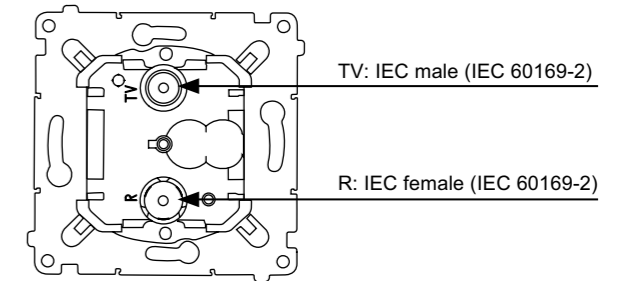
The antenna socket is applied in personal and community networks or cable TV systems and is used for the connection of devices such as a television set, VCR or a radio receiver to these networks.

Application

The inputs of the socket are adapted for the connection of a concentric cable with a 75Ω impedance, providing signal from receiving antennas. The outputs are made in line with the IEC standard allowing for the connection of a radio receiver or a TV-set. Due to a suitable structure of the outputs, the signals of the following frequency ranges are transmitted:

- TV output: 5 ÷ 70 MHz and 120 ÷ 862 MHz
- R output: 88 ÷ 108 MHz
- Coupling attenuation of TV and R outputs: 1. -1.5 dB

BMZAR1/1.01/.. type final antenna socket is used in community networks with star topology and in personal single-outlet systems, where the amplifier is based by the antenna while the power supply is located by the TV receiver before the antenna socket. A special structure allows for the power supply of the amplifier based by the antenna by means of an antenna cable.



**R-TV ANTENNA SOCKET
FEED-THROUGH**

type: **BMZAP10/1.01/.. ÷ 23/1.01/..**

FINAL

type: **BMZAK10/1.01/..**

Purpose

The antenna socket is applied in personal and collective networks or cable TV systems and is used for the connection of devices such a television set, VCR or a radio receiver to these networks.

Application

The inputs of the socket are adapted for the connection of a concentric cable with a 75Ω impedance, providing signal from receiving antennas. The outputs are made in line with the IEC standard allowing or the connection of a radio receiver or a TV-set. Due to a suitable structure of the outputs, the signals of the following frequency ranges are transmitted:

- TV output: 5 ÷ 70 MHz and 120 ÷ 862 MHz
- R output: 88 ÷ 108 MHz

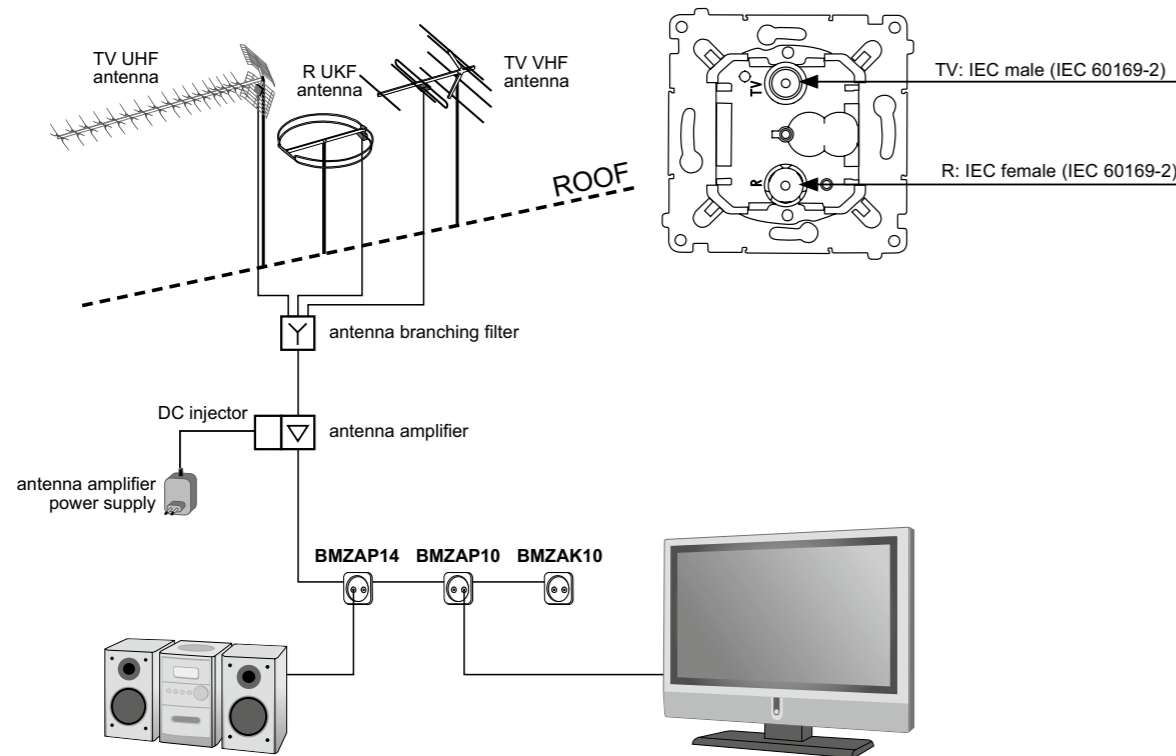
Feed-through R-TV sockets are manufactured with six different coupling attenuation values:

- BMZAP10/1.01/.. -10 dB
- BMZAP14/1.01/.. -14 dB
- BMZAP16/1.01/.. -16 dB
- BMZAP18/1.01/.. -18 dB
- BMZAP20/1.01/.. -20 dB
- BMZAP23/1.01/.. -23 dB

Coupling attenuation of the final socket:
BMZAK10/1.01/.. -10 dB

The **BMZAP10/1.01/.. ÷ 23 dB/1.01/..** feed-through sockets along with the **BMZAK10/1.01/..** final socket find their application in feed-through community systems and complex personal systems in which the sockets are connected in series.

The **BMZAK10/1.01/..** socket is used for ending the feed-through system (terminating resistor not required). As the source of signal gets more distant, the signal level is decreased. A constant RTV signal level is achieved by selecting sockets with such coupling attenuation that the next socket's attenuation (further from source) is lower.



**R-TV-SAT FINAL ANTENNA
SOCKET, SEPARATED**

typ: **BMZAR-SAT1.3/1.01/..**

Purpose

The antenna socket is applied in personal and community networks or cable TV systems and is used for the connection of devices such a television set, VCR or a radio receiver to these networks.

Application

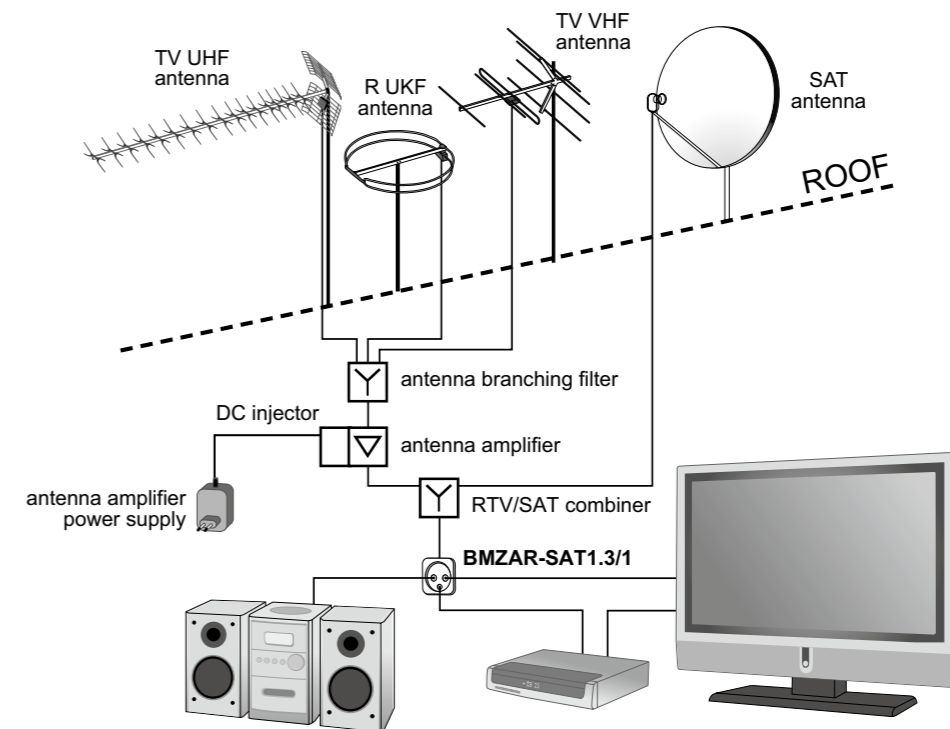
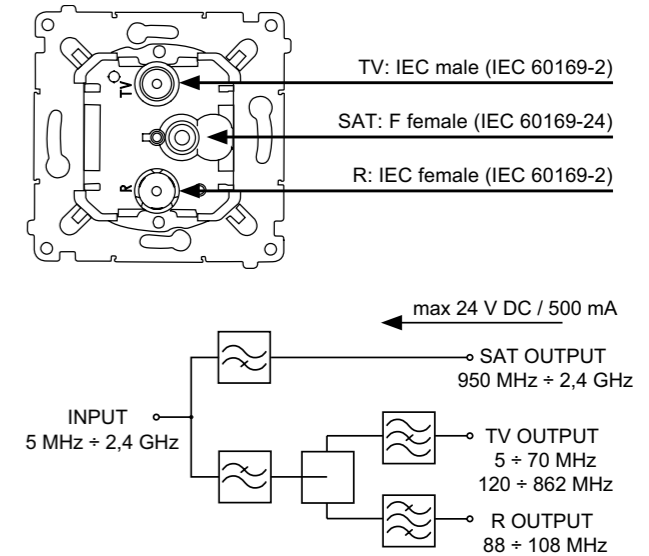
The inputs of the socket are adapted for the connection of a concentric cable with a 75Ω impedance, providing signal from receiving antennas. The outputs are made in line with the IEC standard allowing or the connection of a radio receiver or a TV-set. Due to a suitable structure of the outputs, the signals of the following frequency ranges are transmitted:

- TV output: 5 ÷ 70 MHz and 120 ÷ 862 MHz
- R output: 88 ÷ 108 MHz
- SAT output 950 ÷ 2400 MHz

The coupling attenuation for the SAT, R and TV outputs: 1.0 dB

BMZAR-SAT1.3/1.01/.. type final antenna socket is used in community networks with star topology and in personal single-outlet systems, where the satellite TV, terrestrial TV and radio signals are transferred to individual receivers through a single cable.

The **BMZAR-SAT1.3/1.01** socket splits the signals directing them to appropriate outputs – **SAT** – for the satellite TV tuner, **TV** – for the television signal receiver and **R** – for radio signal receiver. Special structure of the socket allows for the flow of direct and alternate current between the SAT output and the socket input to power the satellite antenna converter.



R-TV-SAT FEED-THROUGH ANTENNA SOCKET
type: BMZAR-SAT10/P.01/..

Application

The antenna socket is intended for community antenna or personal feed-through systems and is used for the connection of R and TV receivers and satellite TV tuners. Each of the sockets is equipped with an input and output for a concentric cable with 75 Ω impedance, which allows the sockets to be connected in series. Two outlets in line with the IEC standard and one F-type outlet allow to connect the radio and TV receivers as well as a satellite TV tuner.

However, only one satellite TV tuner may be connected to a serial circuit of the BMZAR-SAT10/P.01/.. sockets.

C

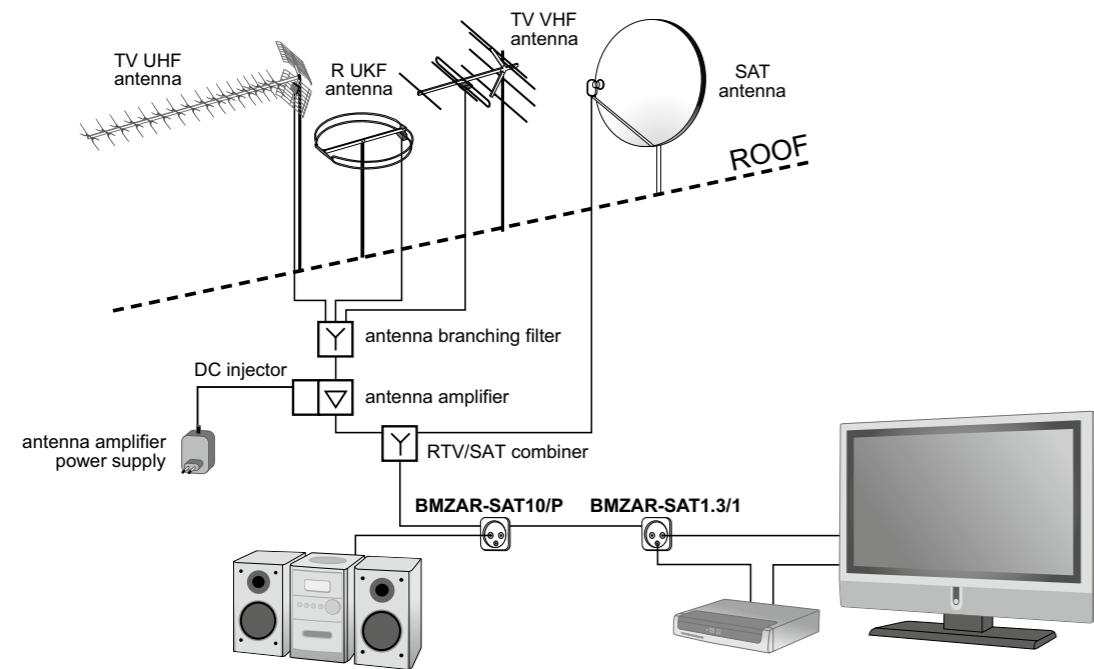
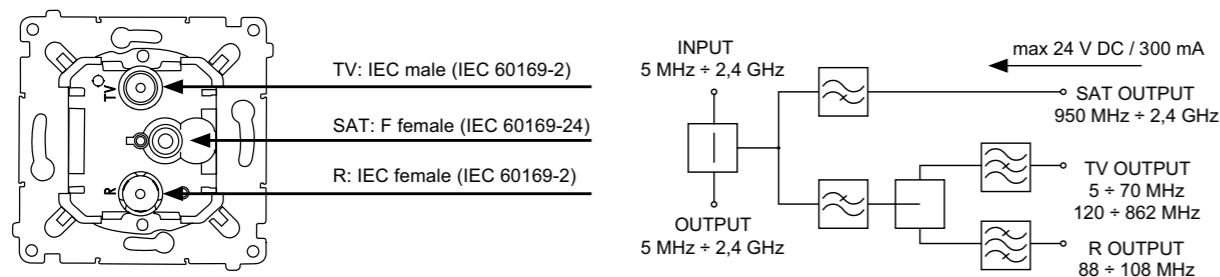
Frequency ranges:
 - for SAT output: 950 ÷ 2400 MHz
 - for TV output: 5 ÷ 70 MHz and 120 ÷ 862 MHz
 - for R output: 88 ÷ 108 MHz

Feed-through attenuation:
 - for SAT: 7 dB
 - for R and TV: 4 dB

Coupling attenuation:
 - for SAT output: 8 dB
 - for R and TV outputs: 12 dB

Connector types:

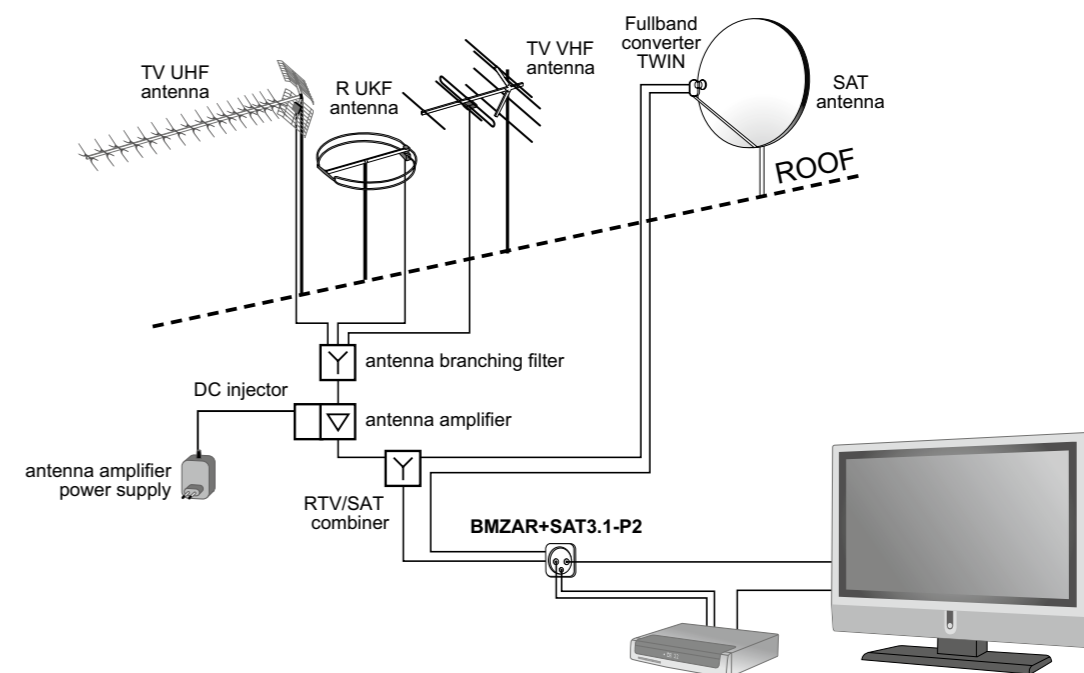
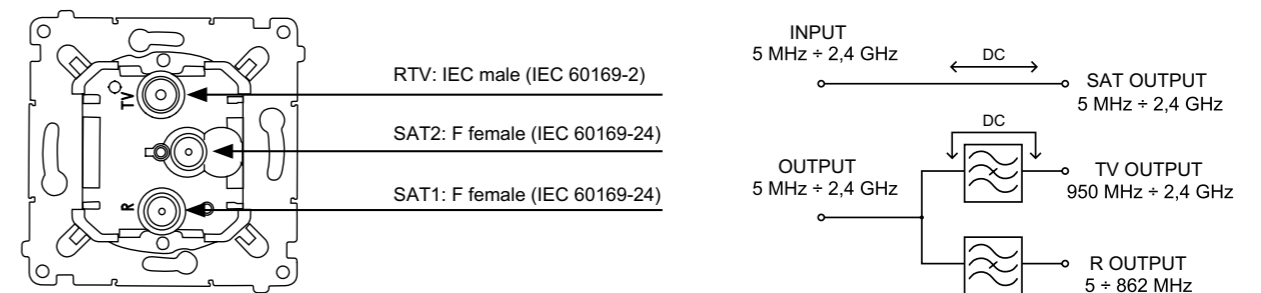
SAT: F socket
 TV: IEC socket
 R: IEC socket



SAT-SAT-RTV DOUBLE ANTENNA SOCKET, FINAL
type: BMZAR+SAT3.1-P2.01/..

Application

- For analog and digital RTV-SAT systems,
- High isolation of individual sockets,
- Galvanic isolation of the RTV input and output,
- Two input sockets for the coaxial cable providing signals from antennas:
 for the SAT input: 5 ÷ 2400 MHz
 for the RTV/SAT input: 5 ÷ 2400 MHz
- Possibility of using the SAT socket as a return channel
- Useful in case of decoders with a double tuner allowing for simultaneous watching and recording of separate programs.



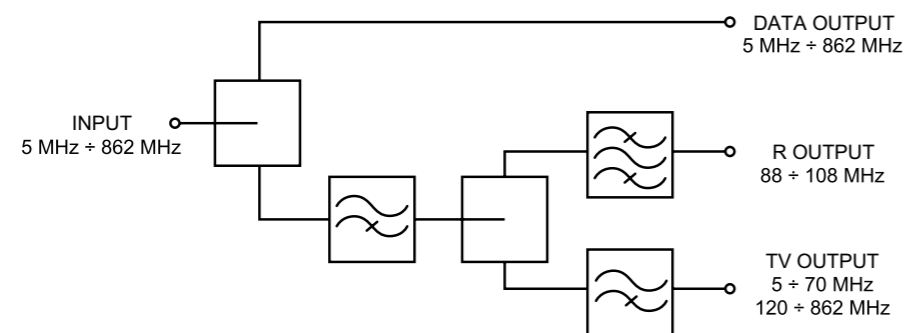
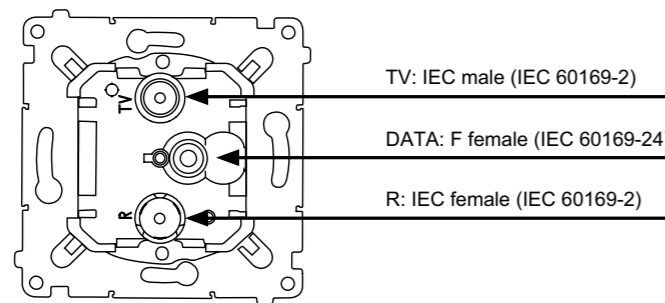
R-TV-DATA FINAL ANTENNA SOCKET
type: **BMAD.01/..**

Application

- Multimedia sockets of the **BMAD.01/..** series are intended for cable TV systems in which the return channel is used, that is, data transmission, Internet and VoIP services are provided.
- Ensures the division of signal into R, TV and DATA signals.
- One input socket for the coaxial cable providing signal in 5 ÷ 862 MHz frequency .
- Two output sockets in line with the IEC 60169-2 standard for the connection of a radio and TV receiver.
- One F-type socket for data transmission.
- Full frequency response in individual bands.
- High isolation between individual sockets.

Dane techniczne

Input line frequency range	5 ÷ 862 MHz
TV line frequency range	5 ÷ 70 MHz 120 ÷ 862 MHz
R line frequency range	88 ÷ 108 MHz
DATA line frequency range	5 ÷ 862 MHz
Attenuation in the DATA line	2,4 ÷ 4,3 dB
Attenuation in the TV line	9,5 ÷ 12,4 dB
Attenuation in the R line	13,2 ÷ 13,6 dB



R-TV FINAL ANTENNA SOCKET, SEPARATED
type: **1591486-...**

Purpose

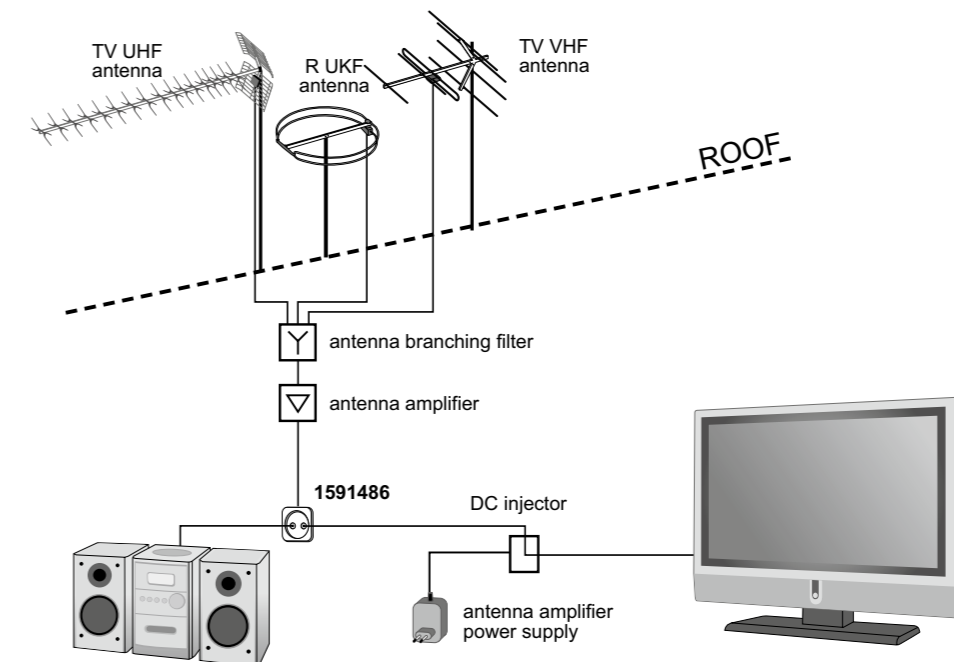
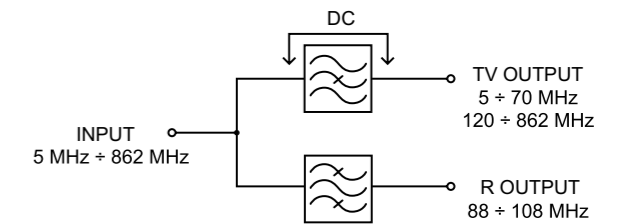
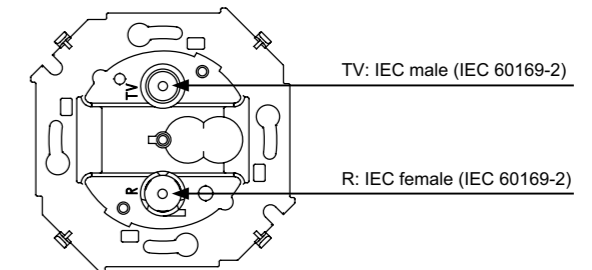
The antenna socket is applied in personal and community networks or cable TV systems and is used for the connection of devices such as a television set, VCR or a radio receiver to these networks.

Application

The inputs of the socket are adapted for the connection of a concentric cable with a 75Ω impedance, providing signal from receiving antennas. The outputs are made in line with the IEC standard allowing for the connection of a radio receiver or a TV-set. Due to a suitable structure of the outputs, the signals of the following frequency ranges are transmitted:

- TV output: 5 ÷ 70 MHz and 120 ÷ 862 MHz
- R output: 88 ÷ 108 MHz
- Coupling attenuation of TV and R outputs: 1. -1.5 dB

1591486-... type final antenna socket is used in community networks with star topology and in personal single-outlet systems, where the amplifier is based by the antenna while the power supply is located by the TV receiver before the antenna socket. A special structure allows for the power supply of the amplifier based by the antenna by means of an antenna cable.



**R-TV ANTENNA SOCKET
FEED-THROUGH**
type: 1591487-..., 1591489-...
FINAL
type: 1591488-...

Purpose

The antenna socket is applied in personal and collective networks or cable TV systems and is used for the connection of devices such a television set, VCR or a radio receiver to these networks.

Application

The inputs of the socket are adapted for the connection of a concentric cable with a 75Ω impedance, providing signal from receiving antennas. The outputs are made in line with the IEC standard allowing or the connection of a radio receiver or a TV-set. Due to a suitable structure of the outputs, the signals of the following frequency ranges are transmitted:

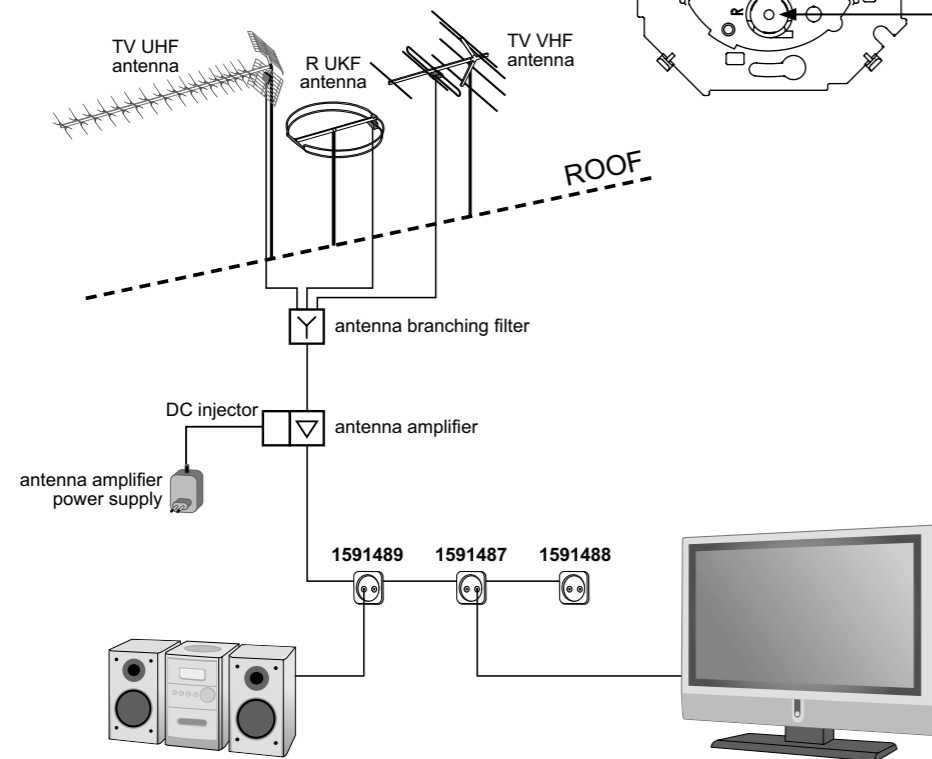
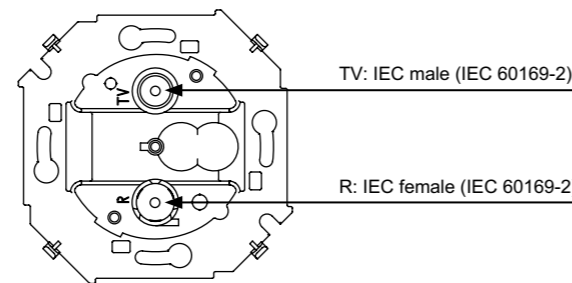
TV output: 5 ÷ 70 MHz and 120 ÷ 862 MHz
R output: 88 ÷ 108 MHz

Feed-through R-TV sockets are manufactured with two different coupling attenuation values:
1591487-... - 10 dB
1591489-... - 14 dB

Coupling attenuation of the final socket:
1591488-... - 10 dB

The 1591487-..., 1591489-... feed-through sockets along with the 1591488-... final socket find their application in feed-through community systems and complex personal systems in which the sockets are connected in series.

The 1591488-... socket is used for ending the feed-through system (terminating resistor not required). As the source of signal gets more distant, the signal level is decreased. A constant RTV signal level is achieved by selecting sockets with such coupling attenuation that the next socket's attenuation (further from source) is lower.



**R-TV-SAT FINAL ANTENNA
SOCKET, SEPARATED**
type: 1591466-...

Purpose

The antenna socket is applied in personal and community networks or cable TV systems and is used for the connection of devices such a television set, VCR or a radio receiver to these networks.

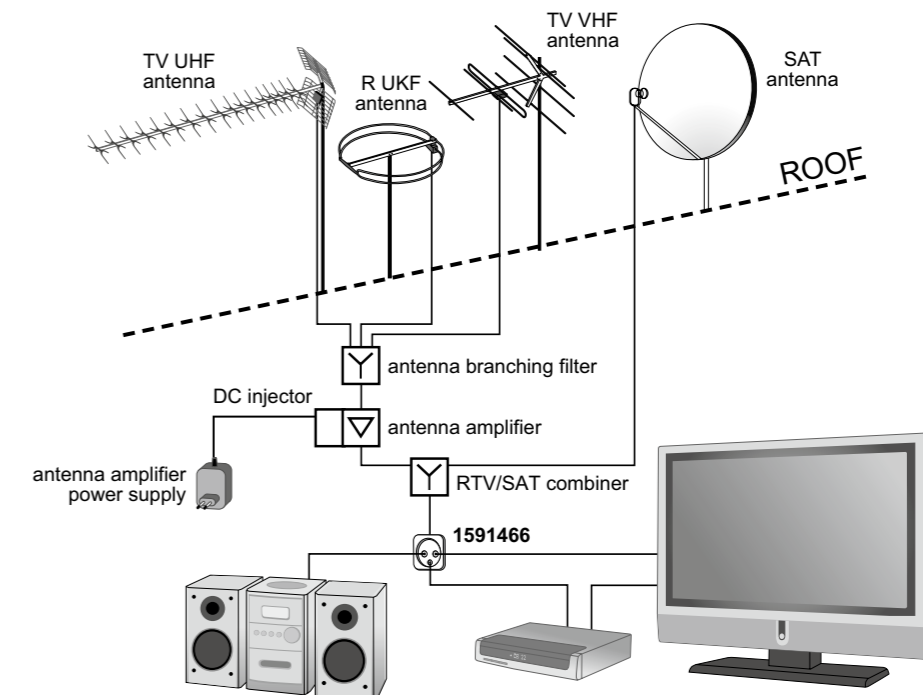
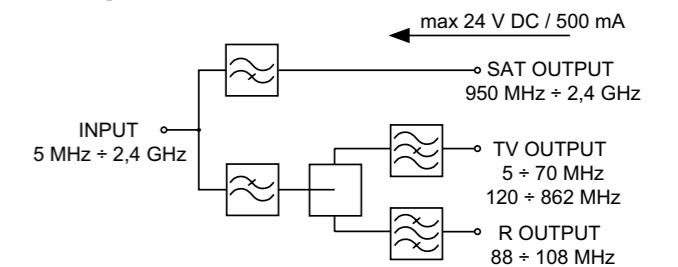
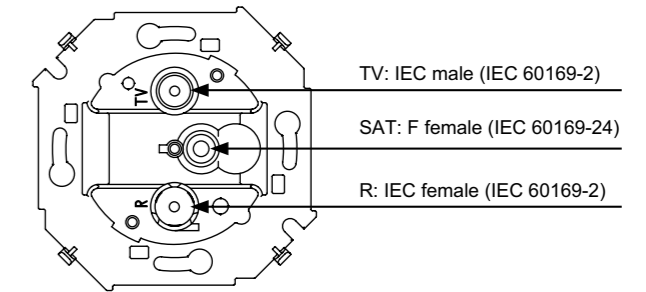
Application

The inputs of the socket are adapted for the connection of a concentric cable with a 75Ω impedance, providing signal from receiving antennas. The outputs are made in line with the IEC standard allowing or the connection of a radio receiver or a TV-set. Due to a suitable structure of the outputs, the signals of the following frequency ranges are transmitted:

- TV output: 5 ÷ 70 MHz and 120 ÷ 862 MHz
- R output: 88 ÷ 108 MHz
- SAT output 950 ÷ 2400 MHz

The coupling attenuation for the SAT, R and TV outputs: 1.0 dB

1591466-... type final antenna socket is used in community networks with star topology and in personal single-outlet systems, where the satellite TV, terrestrial TV and radio signals are transferred to individual receivers through a single cable. The 1591466-... socket splits the signals directing them to appropriate outputs – SAT – for the satellite TV tuner, TV – for the television signal receiver and R – for radio signal receiver. Special structure of the socket allows for the flow of direct and alternate current between the SAT output and the socket input to power the satellite antenna converter.



R-TV-SAT FEED-THROUGH ANTENNA SOCKET
type: 1591467-...

Application

The antenna socket is intended for community antenna or personal feed-through systems and is used for the connection of R and TV receivers and satellite TV tuners. Each of the sockets is equipped with an input and output for a concentric cable with 75 Ω impedance, which allows the sockets to be connected in series. Two outlets in line with the IEC standard and one F-type outlet allow to connect the radio and TV receivers as well as a satellite TV tuner. However, only one satellite TV tuner may be connected to a serial circuit of the 1591467-... sockets.

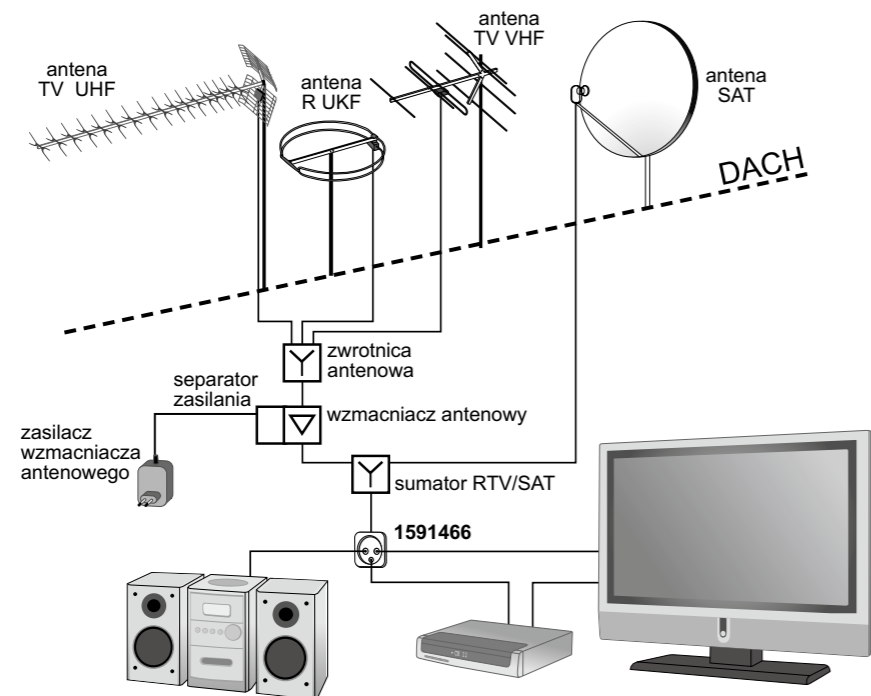
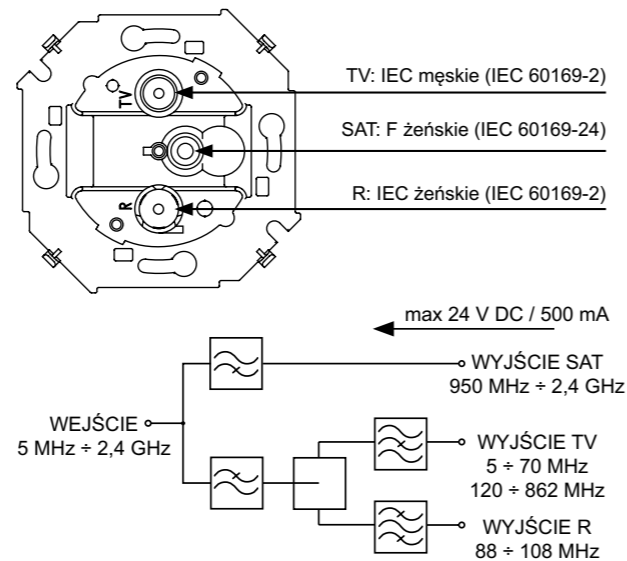
Technical data

Frequency ranges:
- for SAT output: 950 ÷ 2400 MHz
- for TV output: 5 ÷ 70 MHz and 120 ÷ 862 MHz
- for R output: 88 ÷ 108 MHz

Feed-through attenuation:
- for SAT: 7 dB
- for R and TV: 4 dB

Coupling attenuation:
- for SAT output: 8 dB
- for R and TV outputs: 12 dB

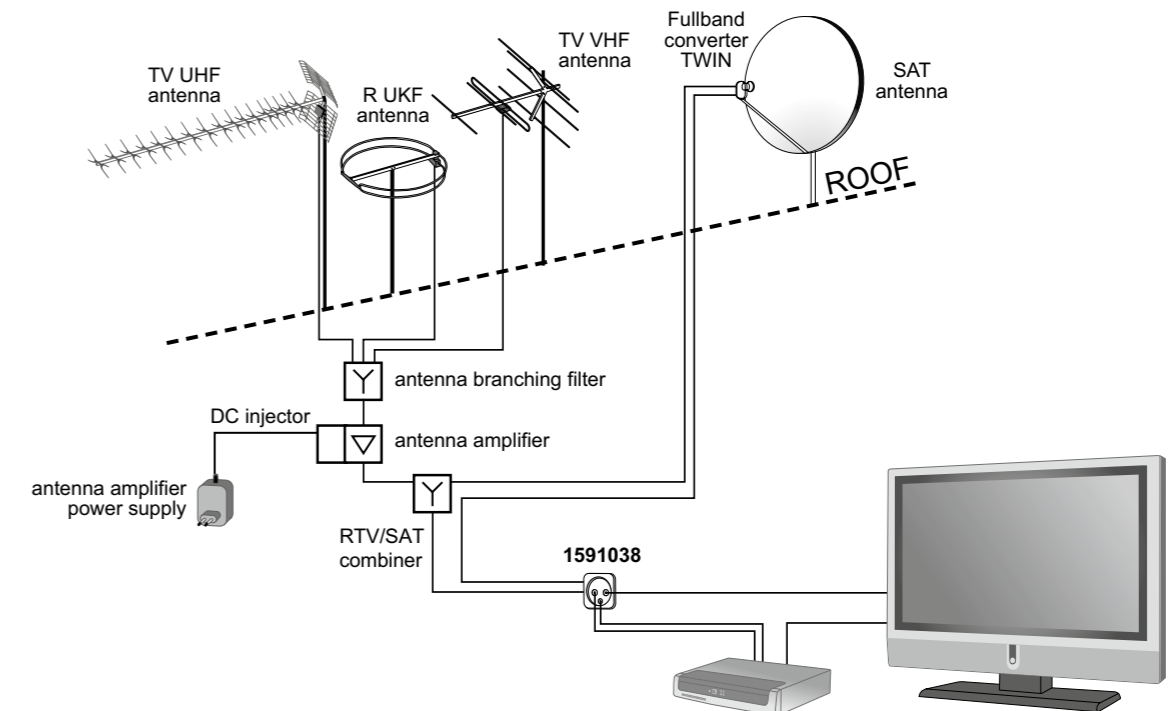
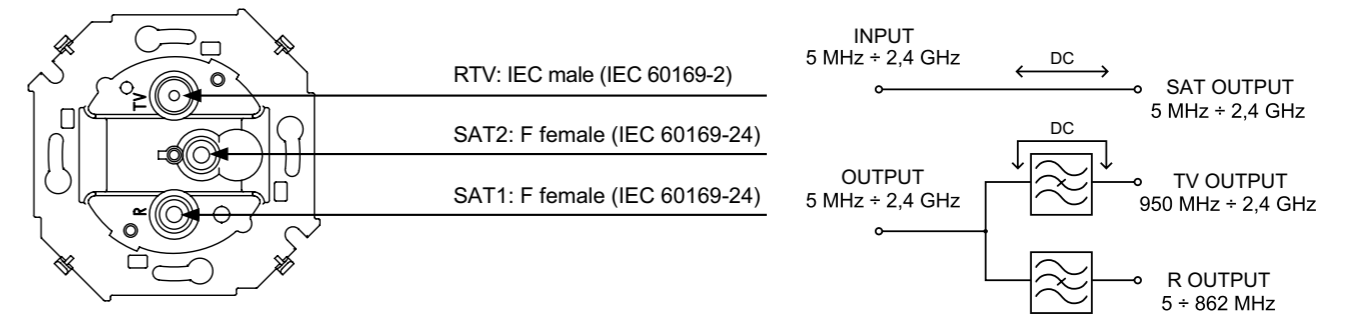
Connector types:
SAT: F socket
TV: IEC socket
R: IEC socket



SAT-SAT-RTV DOUBLE ANTENNA SOCKET, FINAL
type: 1591038-...

Application

- For analog and digital RTV-SAT systems,
- High isolation of individual sockets,
- Galvanic isolation of the RTV input and output,
- Two input sockets for the coaxial cable providing signals from antennas:
for the SAT input: 5 ÷ 2400 MHz
for the RTV/SAT input: 5 ÷ 2400 MHz
- Possibility of using the SAT socket as a return channel
- Useful in case of decoders with a double tuner allowing for simultaneous watching and recording of separate programs.



R-TV-DATA FINAL ANTENNA SOCKET type: 1591048-...

Application

- Multimedia sockets of the 1591048-... series are intended for cable TV systems in which the return channel is used, that is, data transmission, Internet and VoIP services are provided.
- Ensures the division of signal into R, TV and DATA signals.
- One input socket for the coaxial cable providing signal in 5 ÷ 862 MHz frequency .
- Two output sockets in line with the IEC 60169-2 standard for the connection of a radio and TV receiver.
- One F-type socket for data transmission.
- Full frequency response in individual bands.
- High isolation between individual sockets.

Technical data

Input line frequency range	5 ÷ 862 MHz
TV line frequency range	5 ÷ 70 MHz 120 ÷ 862 MHz
R line frequency range	88 ÷ 108 MHz
DATA line frequency range	5 ÷ 862 MHz
Attenuation in the DATA line	2,4 ÷ 4,3 dB
Attenuation in the TV line	9,5 ÷ 12,4 dB
Attenuation in the R line	13,2 ÷ 13,6 dB

