

spectre
by norvis

Metis

Wiring devices
Catalog 2025



altech-electric.com

ALTECH
ELECTRIC





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Metis makes life easier

With its sleek and elegant designs, the Metis range delivers everything today's wiring devices should. Your customers will appreciate the ease-of-use and wide range of everyday functions offered by Metis wiring devices, designed to be as pleasing to the touch as they are to the eye.



White



Gray



Black



Champagne

4 colors
functions 60+

The smart home with Metis

Having both WiFi and Zigbee models with traditional counterparts, Spectre smart products are designed to cover the needs of various users.

House and garden

To have your lights illuminated when you come home, simply enter your estimated arrival time.

They can also be set to illuminate randomly each day while you're away, giving the illusion that someone is at home. Spectre time control push-button switches also allow you to turn garden lights on and off automatically. Simply schedule via the app, and with the astroclock function, times automatically track with seasonal changes. The Spectre window or door sensor warns you with a push notification on your app, if you have forgotten to close the door or window.

Control all the lights

Why not add a Spectre Wireless Switch on the wall next to the front door and program an "all lights off" scene to switch all of the home's lights off at once whenever you go out. The Spectre Wireless Switch is incredibly easy to install. It requires no wiring and programming is super simple.

Living room

"Movie" Moment – the shutters go down; the lights go dim. Just the way you like for a perfect movie night. Roll it.

"Reading" Moment – the indirect lights dim, the spot at the couch switches on, and the shutters open. Feet up.

Kitchen

"Cooking" Moment – the main lights and spots are switched to bright giving plenty of light to create the perfect meal. Bon appétit.

"Dinner party" Moment – tonight's the night; the lights dim, selected spots switch on, and the garden lights complete the scene. Let's party.

The Spectre water leakage sensor detects water from any leaking household machine and sends a push notification to your app.

Corridor

Spectre includes a motion sensor. During the day when movement is detected the light switches on, and off after a set period of time.

Bedroom

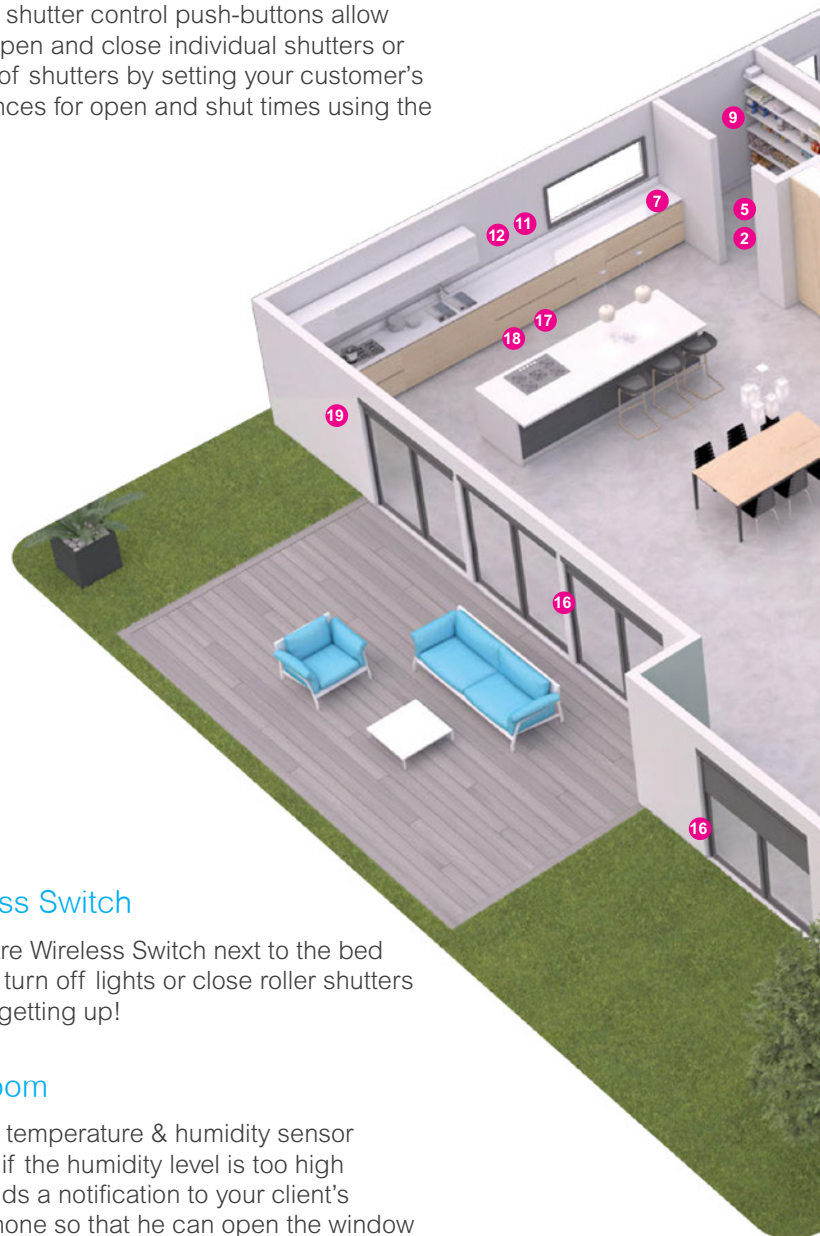
Spectre shutter control push-buttons allow you to open and close individual shutters or groups of shutters by setting your customer's preferences for open and shut times using the app.

Wireless Switch

A Spectre Wireless Switch next to the bed lets you turn off lights or close roller shutters without getting up!

Bathroom

Spectre temperature & humidity sensor detects if the humidity level is too high and sends a notification to your client's smartphone so that he can open the window and protect his bathroom from mold.





1 Metis 1-pole smart switch



2 Metis 2-pole smart switch



3 Metis 3-pole smart switch



4 Metis smart dimmer (touch)



5 Metis smart dimmer (rotary)



6 Metis smart senario switch



7 Metis smart push button



8 Metis smart knob



9 Evonna human presence sensor



10 Metis TV/SAT outlet



11 Metis socket outlet



12 Metis 1-pole traditional switch



13 Metis data/telephone outlet



14 Evonna siren



15 Evonna gateway



16 Evonna door & window sensor



17 Evonna gas leakage sensor



18 Evonna smoke sensor



19 Evonna PIR Motion sensor



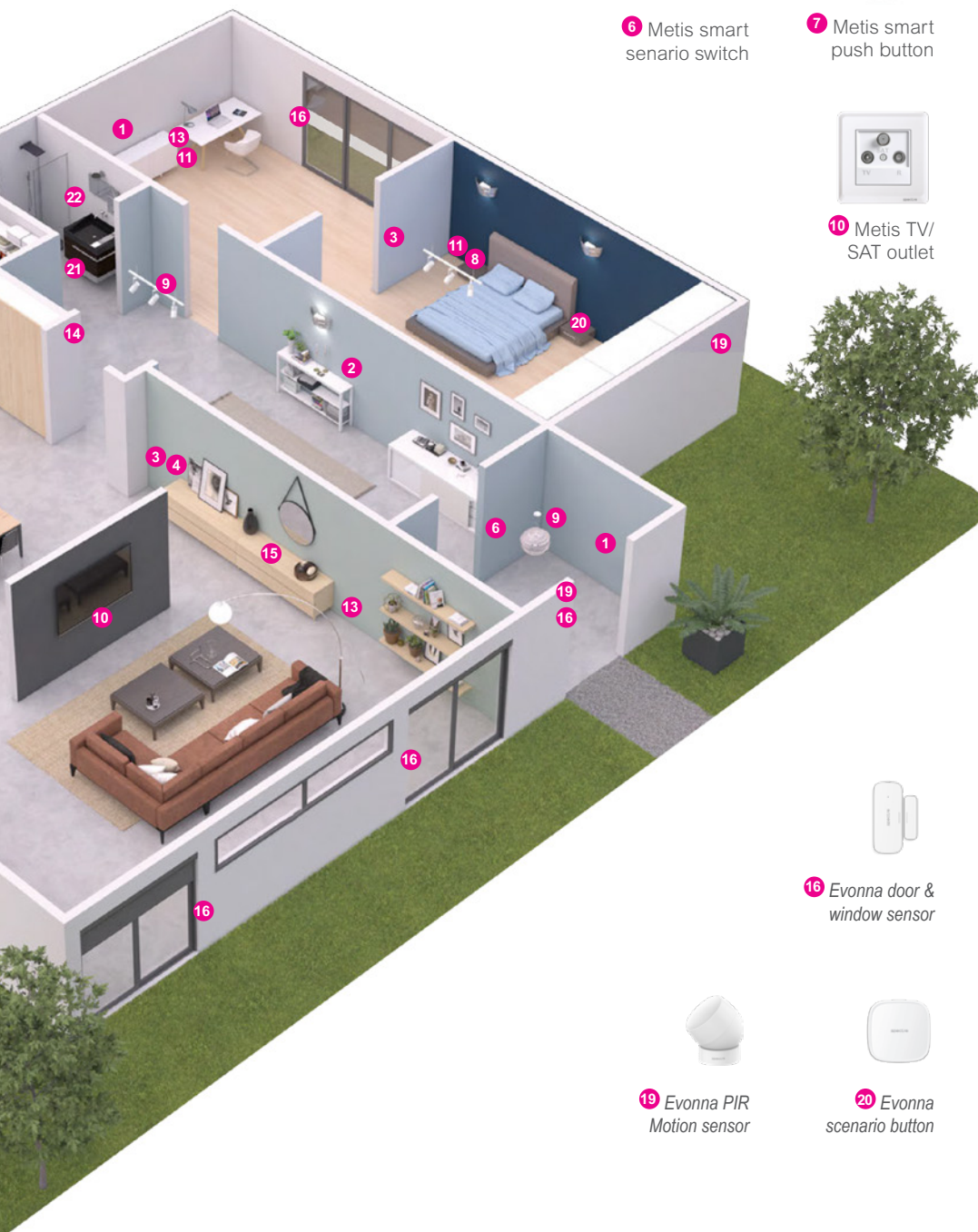
20 Evonna senario button



21 Evonna water leakage sensor



22 Evonna temperature & humidity sensor



If you are interested in the Evonna series of Spectre products, scan or click on this QR code to view [Spectre Evonna catalog](#)



Light and comfort

Help your customers get the most out of their home interiors with unique lighting ambiances for each room and each time of day.

Smart



1-Pole switch



2-Pole switch



3-Pole switch



4-Pole switch



Curtain switch



Rotary dimmer



Touch dimmer

Traditional



1-Pole switch



Switch with locator lamp & icon



Dimmer



Roller blind switch

Scenario

Far away from the wall switches and dimmers? Your phone is being charged? No problem! Smart scenario can help make your life even more comfortable!



Scenario switch



Smart knob



Smart button

Connectivity

Help your customers to keep the digital world close at hand. They can access all media from a single jack or enjoy music from a single source throughout the home.



TV/R/SAT socket



RJ45 data socket



Loudspeaker socket

Protection

Socket outlets with shutters protect your customer from touching the metal parts under tension. IP44 products are often required in the bathroom and kitchen to protect from water splashes.



Socket outlet with lid



IP44 switch

Metis Smart



With/without neutral wire

Metis is available for houses that already have neutral wire installed in their electrical switch wall box as well as houses and apartments that only utilize line wire for light switching.



Mechanical on/off button

A combination of retro and modern craftsmanship, the button on Metis products are mechanical push buttons.



Dual-color locator LED

The dual-color locator LED indicates the status of the switch or dimmer at a glance and also helps you find it easily in the dark.



Smart scene automation

Define various scenarios to run automatically when a desired criteria is met.



Button lifecycle

High-quality materials ensure up to 500,000 on/off cycles, equivalent to a decade of reliable operation.



Zero-crossing protection

The zero-crossing protection feature ensures the product begins operation when the AC sine wave is near 0 volts. This provides seamless performance and prevents damage to connected devices.



Programmable

Program your products to beat to the rhythm of your personal routine and needs.



App control

Powered by Tuya, all Metis smart products can be controlled via Smart Life or Tuya Smart home mobile applications from your smartphone.



Voice control

Control switches and dimmers with voice commands using Amazon Alexa or Google Assistant.

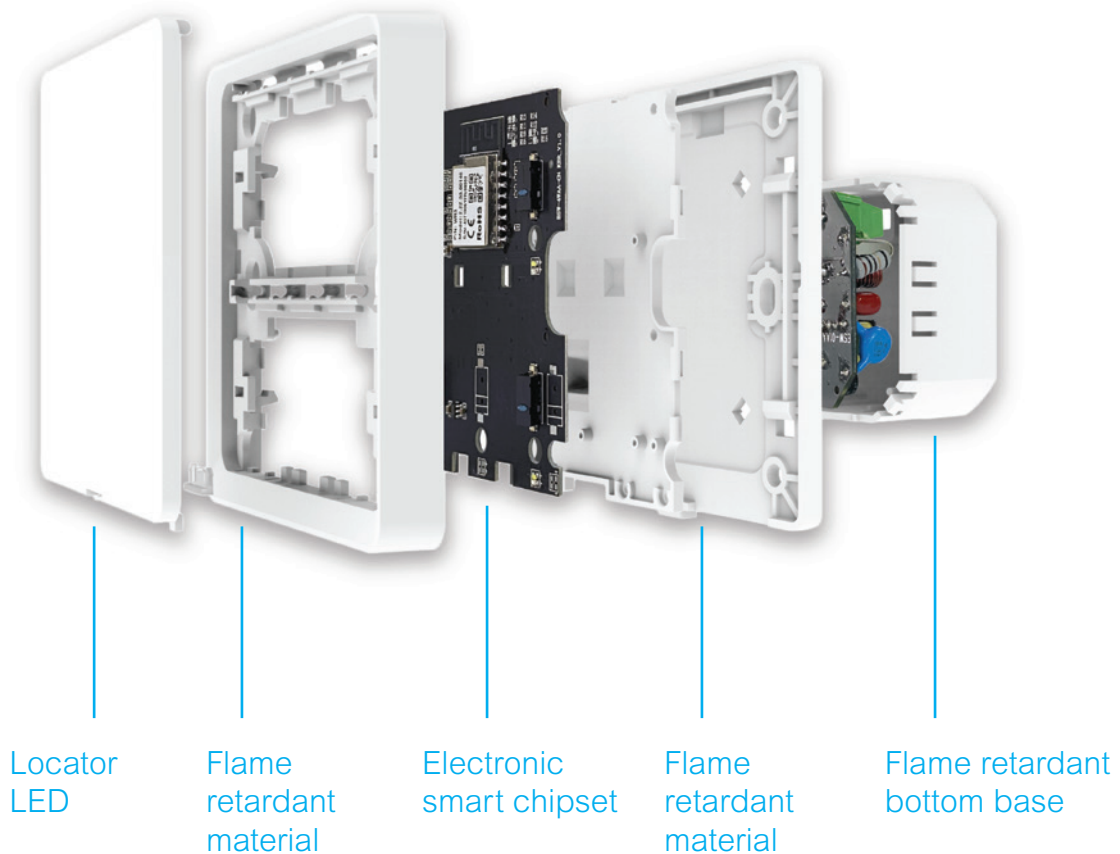


Group control

Create desired product groups and control them with only one command.

Metis Smart

Exquisite craft and cutting-edge protection mechanism



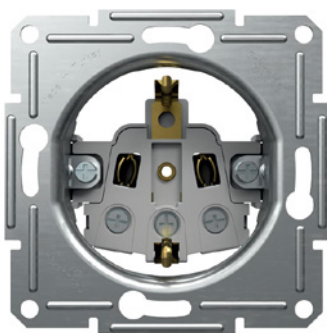
Whether it is for a home or small office, Metis cover frames are designed for easy handling during installation and a neat and tidy appearance, with several functions housed in a single unit.

Metis Traditional

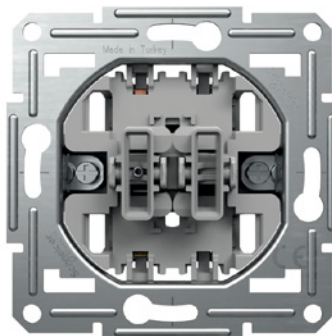
Tailored inserts for switches and single socket outlets made by Schneider Electric

Asfora range is one of the most efficient and high quality products made by Schneider Electric. They have recently improved the quality and functionality of inserts for the Asfora range. The updated Asfora range now features smaller, more compact inserts, a profiled fixing frame, improved wire inlets and release buttons, and wide profiled claws with a return spring. We at Spectre have combined the quality of the Asfora range with the elegance and modern appearance of the Metis range to deliver an attractive, high-quality, and complete range encompassing smart and non-smart products.

- + easy
- + fast
- + convenient

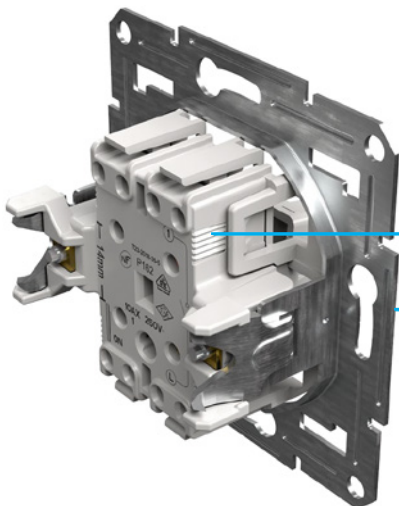


Socket outlet insert



Switch insert

Small and compact inserts



Small and compact inserts

give better insert rotation on box screws, more space to manage wires in the box, and a better view inside the box

Redesigned insert shape

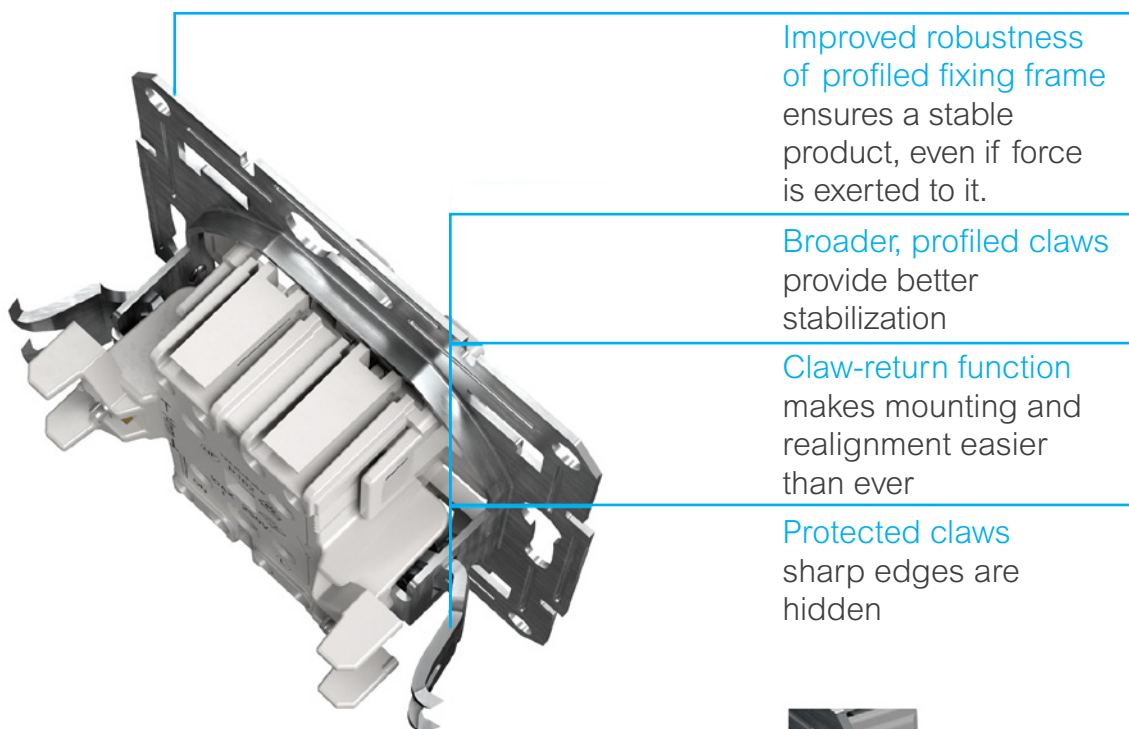
offers additional handling grips for better handling

Metis Traditional

Improved fixing frame and claws

For a simple, fast, and safe installation

Thanks to their redesigned mechanism the claws extend out straight and smoothly, ensuring a perfect alignment to the wall boxes during assembly. Moreover they ensure that the insert fixes securely in the box.



Improved robustness of profiled fixing frame ensures a stable product, even if force is exerted to it.

Broader, profiled claws provide better stabilization

Claw-return function makes mounting and realignment easier than ever

Protected claws sharp edges are hidden

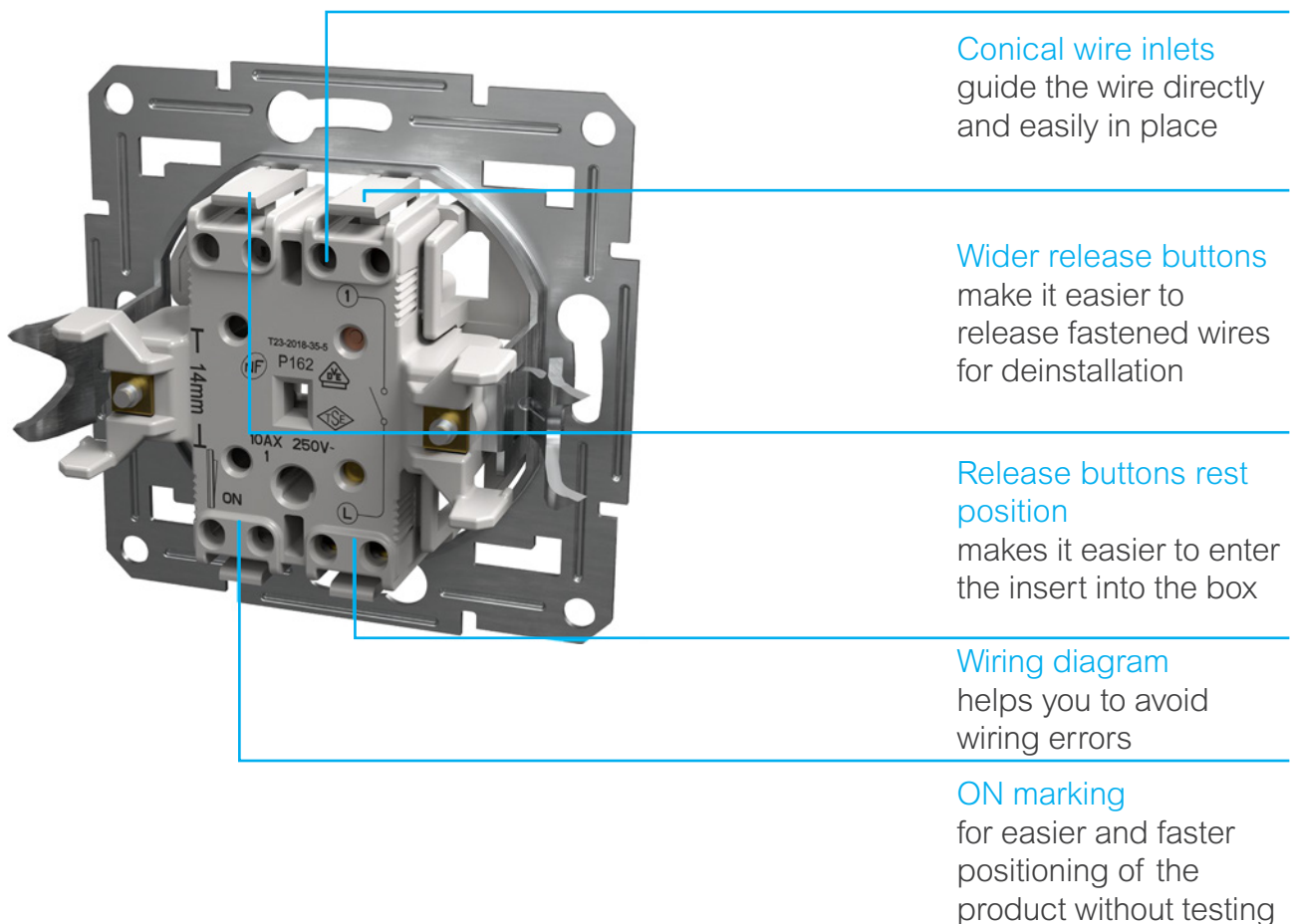


The claws are fully retracted in the sides of the housing

Metis Traditional

Clear connection diagram, improved wire inlets for switches, and better shaped release levers for screwless switches

Our innovative new features will make all the difference to your daily installation workflow.



Metis

Smart Switches

Smart light switches - 6A - 100-240V AC

	1-pole		2-pole		3-pole		4-pole ^[*]	
	WiFi	Zigbee	WiFi	Zigbee	WiFi	Zigbee	WiFi	Zigbee
								
Neutral required								
□ White	SPE1624211	SPE1124211	SPE1624212	SPE1124212	SPE1624213	SPE1124213	SPE1624214	SPE1124214
■ Gray	SPE1622211	SPE1122211	SPE1622212	SPE1122212	SPE1622213	SPE1122213	SPE1622214	SPE1122214
■ Black	SPE1621211	SPE1121211	SPE1621212	SPE1121212	SPE1621213	SPE1121213	SPE1621214	SPE1121214
■ Champagne	SPE1623211	SPE1123211	SPE1623212	SPE1123212	SPE1623213	SPE1123213	SPE1623214	SPE1123214
Without neutral								
□ White	SPE0624211	SPE0124211	SPE0624212	SPE0124212	-	-	-	-
■ Gray	SPE0622211	SPE0122211	SPE0622212	SPE0122212	-	-	-	-
■ Black	SPE0621211	SPE0121211	SPE0621212	SPE0121212	-	-	-	-
■ Champagne	SPE0623211	SPE0123211	SPE0623212	SPE0123212	-	-	-	-

[*] Only compatible with British Standard (8x8cm) wall boxes.

Characteristics

- Maximum load for self-ballasted lamps (LED, CFL, etc.):
switches with neutral: 600W
switches without neutral: 5~300 W

Smart curtain switch - load 400W

	1-pole	
	WiFi	Zigbee
		
Neutral required		
□ White	SPE1624803	SPE1124803
■ Gray	SPE1622803	SPE1122803
■ Black	SPE1621803	SPE1121803
■ Champagne	SPE1623803	SPE1123803

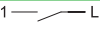
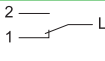
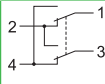
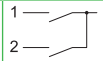
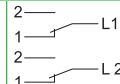
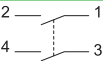
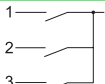
Smart scenario switches

	1-pole	2-pole	3-pole	4-pole	Smart button	Smart knob
	Zigbee	Zigbee	Zigbee	Zigbee	Zigbee	Zigbee
						
Battery powered						
□ White	SPE0124241	SPE0124242	SPE0124243	SPE0124244	SPE0114851	-
■ Gray	SPE0122241	SPE0122242	SPE0122243	SPE0122244	-	SPE0112853
■ Black	SPE0121241	SPE0121242	SPE0121243	SPE0121244	-	SPE0111853
■ Champagne	SPE0123241	SPE0123242	SPE0123243	SPE0123244	-	-

Metis

Traditional switches

Switches - 10 AX - 250 V AC

	1-way	2-way	Intermediate	2-circuit	Double 2-way	2-pole	3-circuit
							

Screwless terminals

		
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With cover frame

□ White	SPE0170121	SPE0470121	SPE0570121	SPE0370121	SPE0670121	SPE0270121	-
■ Gray	SPE0100162	SPE0400162	SPE0500162	SPE0300162	SPE0600162	SPE0200162	-
■ Black	SPE0100171	SPE0400171	SPE0500171	SPE0300171	SPE0600171	SPE0200171	-
■ Champagne	SPE0100169	SPE0400169	SPE0500169	SPE0300169	SPE0600169	SPE0200169	-

		
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Without cover frame

□ White	EPH0170121	EPH0470121	EPH0570121	EPH0370121	EPH0670121	EPH0270121	-
■ Steel	EPH0100162	EPH0400162	EPH0500162	EPH0300162	EPH0600162	EPH0200162	-
■ Anthracite	EPH0100171	EPH0400171	EPH0500171	EPH0300171	EPH0600171	EPH0200171	-
■ Bronze	EPH0100169	EPH0400169	EPH0500169	EPH0300169	EPH0600169	EPH0200169	-

Screw terminals

			
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With cover frame

□ White	SPE0170321	SPE0470321	SPE0570321	SPE0370321	SPE0670321	SPE0270321	SPE2170121
■ Gray	SPE0100362	SPE0400362	SPE0500362	SPE0300362	SPE0600362	SPE0200362	SPE2100162
■ Black	SPE0100371	SPE0400371	SPE0500371	SPE0300371	SPE0600371	SPE0200371	SPE2100171
■ Champagne	SPE0100369	SPE0400369	SPE0500369	SPE0300369	SPE0600369	SPE0200369	SPE2100169

			
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Without cover frame

□ White	-	-	-	-	-	-	EPH2170121
■ Steel	EPH0100362	EPH0400362	EPH0500362	EPH0300362	EPH0600362	-	EPH2100162
■ Anthracite	EPH0100371	EPH0400371	EPH0500371	EPH0300371	EPH0600371	-	EPH2100171
■ Bronze	EPH0100369	EPH0400369	EPH0500369	EPH0300369	EPH0600369	-	EPH2100169

Switches IP44 10 AX - 250 V AC

	1-way	2-way
		

Screwless terminals

	
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□ white	SPE0170221	SPE0470421
■ gray	SPE0100262	SPE0400462
■ black	SPE0100271	SPE0400471
■ champagne	SPE0100269	SPE0400469

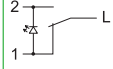
Characteristics

- Maximum load for self-ballasted lamps (LED, CFL, etc.):
10 AX - 250 V AC switches: 100 W
16 AX - 250 V AC switches: 200 W

Metis

Traditional switches

Switches with locator lamp 10 AX - 250 V AC

1-way	2-way
	

Screwless terminals



With cover frame

□ White	SPE1470121	SPE1570121
■ Gray	SPE1400162	SPE1500162
■ Black	SPE1400171	SPE1500171
■ Champagne	SPE1400169	SPE1500169



Without cover frame

□ White	EPH1470121	EPH1570121
■ Steel	EPH1400162	EPH1500162
■ Anthracite	EPH1400171	EPH1500171
■ Bronze	EPH1400169	EPH1500169

Screw terminal



With cover frame

□ White	SPE1470321	SPE1570321
■ Gray	SPE1400362	SPE1500362
■ Black	SPE1400371	SPE1500371
■ Champagne	SPE1400369	SPE1500369



Without cover frame

□ White	-	-
■ Steel	EPH1400362	EPH1500362
■ Anthracite	EPH1400371	EPH1500371
■ Bronze	EPH1400369	EPH1500369

Switches with locator lamp 16 AX - 250 V AC

1-way


Screwless terminals



With cover frame

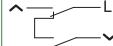
□ White	SPE1430321
■ Gray	SPE1430362
■ Black	SPE1430371
■ Champagne	SPE1430369



Without cover frame

□ White	-
■ Steel	EPH1430362
■ Anthracite	EPH1430371
■ Bronze	EPH1430369

Roller blind switches 10 A - 250 V AC

1-way


Screwless terminals



With cover frame

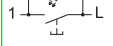
□ White	SPE1370521
■ Gray	SPE1300562
■ Black	SPE1300571
■ Champagne	SPE1300569



Without cover frame

□ White	EPH1370521
■ Steel	EPH1300562
■ Anthracite	EPH1300571
■ Bronze	EPH1300569

Key card switches 10 A - 250 V AC

1-way


Screwless terminals



With cover frame

□ White	SPE6270121
■ Gray	SPE6200162
■ Black	SPE6200171
■ Champagne	SPE6200169



Without cover frame

□ White	EPH6270121
■ Steel	EPH6200162
■ Anthracite	EPH6200171
■ Bronze	EPH6200169

Characteristics

- Maximum load for self-ballasted lamps (LED, CFL, etc.):
10 AX - 250 V AC switches: 100 W
16 AX - 250 V AC switches: 200 W

Metis

Push-buttons

Push buttons - 10 A -250 V AC

	Single			Double
	1-way	1-way with "bell" symbol	1-way with "light" symbol	Double 1-way
				

Screwless terminals

				
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With cover frame

□ White	SPE0770121	SPE0870121	SPE0970121	SPE1170121
■ Gray	SPE0700162	SPE0800162	SPE0900162	SPE1100162
■ Black	SPE0700171	SPE0800171	SPE0900171	SPE1100171
■ Champagne	SPE0700169	SPE0800169	SPE0900169	SPE1100169

				
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Without cover frame

□ White	EPH0770121	EPH0870121	EPH0970121	EPH1170121
■ Steel	EPH0700162	EPH0800162	EPH0900162	EPH1100162
■ Anthracite	EPH0700171	EPH0800171	EPH0900171	EPH1100171
■ Bronze	EPH0700169	EPH0800169	EPH0900169	EPH1100169

Screw terminals

				
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With cover frame

□ White	SPE0770321	SPE0870321	SPE0970321	SPE1170321
■ Gray	SPE0700362	SPE0800362	SPE0900362	SPE1100362
■ Black	SPE0700371	SPE0800371	SPE0900371	SPE1100371
■ Champagne	SPE0700369	SPE0800369	SPE0900369	SPE1100369

				
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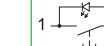
Without cover frame

□ White	-	-	-	-
■ Steel	EPH0700362	EPH0800362	EPH0900362	EPH1100362
■ Anthracite	EPH0700371	EPH0800371	EPH0900371	EPH1100371
■ Bronze	EPH0700369	EPH0800369	EPH0900369	EPH1100369

Metis

Push-buttons

Push buttons with locator lamp 10 A -250 V AC

	1-way	1-way with "bell" symbol	1-way with "light" symbol	1-way with "stairs" symbol
				

Screwless terminals



With cover frame

□ White	SPE1670121	SPE1770121	SPE1870121	SPE1970121
■ Gray	SPE1600162	SPE1700162	SPE1800162	SPE1900162
■ Black	SPE1600171	SPE1700171	SPE1800171	SPE1900171
■ Champagne	SPE1600169	SPE1700169	SPE1800169	SPE1900169



Without cover frame

□ White	EPH1670121	EPH1770121	EPH1870121	EPH1970121
■ Steel	EPH1600162	EPH1700162	EPH1800162	EPH1900162
■ Anthracite	EPH1600171	EPH1700171	EPH1800171	EPH1900171
■ Bronze	EPH1600169	EPH1700169	EPH1800169	EPH1900169

Screw terminal



With cover frame

□ White	SPE1670321	SPE1770321	-	SPE1970321
■ Gray	SPE1600362	SPE1700362	-	SPE1900362
■ Black	SPE1600371	SPE1700371	-	SPE1900371
■ Champagne	SPE1600369	SPE1700369	-	SPE1900369



Without cover frame

□ White	-	-	-	-
■ Steel	EPH1600362	EPH1700362	-	EPH1900362
■ Anthracite	EPH1600371	EPH1700371	-	EPH1900371
■ Bronze	EPH1600369	EPH1700369	-	EPH1900369

Push-buttons - 12 V AC with locator lamp and label holder 1-way



Screw terminal



With cover frame

□ White	SPE1671521
■ Gray	SPE1601562
■ Black	SPE1601571
■ Champagne	SPE1601569



Without cover frame

□ White	-
■ Steel	EPH1601562
■ Anthracite	EPH1601571
■ Bronze	EPH1601569

Roller blind push-buttons 10 A -250 V AC



Screwless terminals



With cover frame

□ White	SPE1370121
■ Gray	SPE1300162
■ Black	SPE1300171
■ Champagne	SPE1300169



Without cover frame

□ White	EPH1370121
■ Steel	EPH1300162
■ Anthracite	EPH1300171
■ Bronze	EPH1300169

Screw terminal



With cover frame

□ white	SPE1370321
■ gray	SPE1300362
■ black	SPE1300371
■ champagne	SPE1300369



Without cover frame

□ White	-
■ Steel	EPH1300362
■ Anthracite	EPH1300371
■ Bronze	EPH1300369

Metis

Socket-outlets

Socket-outlets - 2P - 16 A - 250 V AC

Single	
Screw terminals	
	
With cover frame	
□ White	SPE3070121
■ Gray	SPE3000162
■ Black	SPE3000171
■ Champagne	SPE3000169
	
Without cover frame	
□ White	-
■ Steel	EPH3000162
■ Anthracite	EPH3000171
■ Bronze	EPH3000169

Socket-outlets - 2P+E (side earth) - 16 A - 250 V AC

	Single	Single with shutters	Single with lid	Single with shutters and red center plate
Screw terminals				
				
With cover frame				
□ White	SPE2970121	SPE2970221	SPE3170121	SPE2970521
■ Gray	SPE2900162	SPE2900262	SPE3100162	SPE2900562
■ Black	SPE2900171	SPE2900271	SPE3100171	SPE2900571
■ Champagne	SPE2900169	SPE2900269	SPE3100169	SPE2900569
				
Without cover frame				
□ White	EPH2970121	EPH2970221	EPH3170121	EPH2970521
■ Steel	EPH2900162	EPH2900262	EPH3100162	EPH2970562
■ Anthracite	EPH2900171	EPH2900271	EPH3100171	EPH2970571
■ Bronze	EPH2900169	EPH2900269	EPH3100169	EPH2970569

Cable outlets

Screw terminals	
	
With cover frame	
□ White	SPE5570121
■ Gray	SPE5500162
■ Black	SPE5500171
■ Champagne	SPE5500169
	
Without cover frame	
□ White	-
■ Steel	EPH5500162
■ Anthracite	EPH5500171
■ Bronze	EPH5500169

Metis

Communication outlets

Antenna outlets

	Ending (1 dB)					
	TV	TV-R	TV-SAT	TV-R-SAT	TV-SAT-SAT	SAT
Type of connector	IEC Male	IEC Male + Female	IEC Male + F	IEC Male + Female + F	IEC Male + F + F	F
						

With cover frame

□ White	SPE3270121	SPE3370121	SPE3470121	SPE3570121	SPE3670121	SPE3770121
■ Gray	SPE3200162	-	SPE3400162	SPE3500162	SPE3600162	SPE3700162
■ Black	SPE3200171	SPE3300171	SPE3400171	SPE3500171	SPE3600171	SPE3700171
■ Champagne	SPE3200169	-	SPE3400169	SPE3500169	SPE3600169	SPE3700169



Without cover frame

□ White	EPH3270121	EPH3300721	EPH3470121	EPH3570121	EPH3670121	EPH3770121
■ Steel	EPH3200162	-	EPH3400162	EPH3500162	EPH3600162	EPH3700162
■ Anthracite	EPH3200171	EPH3300171	EPH3400171	EPH3500171	EPH3600171	EPH3700171
■ Bronze	EPH3200169	-	EPH3400169	EPH3500169	EPH3600169	EPH3700169

	Individual (1 dB)
	TV-SAT
Type of connector	IEC Male + F
	

With cover frame

□ White	SPE3470421
■ Gray	SPE3400462
■ Black	SPE3400471
■ Champagne	SPE3400469



Without cover frame

□ White	-
■ Steel	EPH3400462
■ Anthracite	EPH3400471
■ Bronze	EPH3400469

Intermediate (4 dB)

	TV	TV-R	TV-SAT	TV-R-SAT		SAT
						

With cover frame

□ White	SPE3270221	SPE3370221	SPE3470221	SPE3570221	-	SPE3770221
■ Gray	SPE3200262	SPE3300262	SPE3400262	SPE3500262	-	SPE3700262
■ Black	SPE3200271	SPE3300271	SPE3400271	SPE3500271	-	SPE3700271
■ Champagne	SPE3200269	SPE3300269	SPE3400269	SPE3500269	-	SPE3700269



Without cover frame

□ White	-	-	-	-	-	-
■ Steel	EPH3200262	EPH3300262	EPH3400262	EPH3500262	-	EPH3700262
■ Anthracite	EPH3200271	EPH3300271	EPH3400271	EPH3500271	-	EPH3700271
■ Bronze	EPH3200269	EPH3300269	EPH3400269	EPH3500269	-	EPH3700269

Intermediate (8 dB)

	TV	TV-R	TV-SAT
			

With cover frame

□ White	SPE3270321	SPE3370321	SPE3470321
■ Gray	SPE3200362	SPE3300362	SPE3400362
■ Black	SPE3200371	SPE3300371	SPE3400371
■ Champagne	SPE3200369	SPE3300369	SPE3400369



Without cover frame

□ White	EPH3270321	-	EPH3470321
■ Steel	EPH3200362	EPH3300362	EPH3400362
■ Anthracite	EPH3200371	EPH3300371	EPH3400371
■ Bronze	EPH3200369	EPH3300369	EPH3400369

Metis

Communication outlets

Data and telephone outlets

	Single			
	RJ11	RJ45 Cat.5e UTP	RJ45 Cat.5e STP	RJ45 Cat.6 UTP
Terminals	Screw	IDC	IDC	IDC
				

With cover frame				
□ White	SPE4170121	SPE4370121	SPE5070121	SPE4770121
■ Gray	SPE4100162	SPE4300162	SPE5000162	SPE4700162
■ Black	SPE4100171	SPE4300171	SPE5000171	SPE4700171
■ Champagne	SPE4100169	SPE4300169	SPE5000169	SPE4700169
				

Without cover frame				
□ White	EPH4170121	EPH4370121	-	EPH4770121
■ Steel	EPH4100162	EPH4300162	EPH5000162	EPH4700162
■ Anthracite	EPH4100171	EPH4300171	EPH5000171	EPH4700171
■ Bronze	EPH4100169	EPH4300169	EPH5000169	EPH4700169

	Double					
	RJ11	RJ45 Cat.5e UTP		RJ45 Cat.6 UTP	RJ45 + RJ11 Cat.6 UTP	RJ45 + RJ12 Cat.5e UTP
Terminals	Screw	IDC		IDC	IDC - screw	IDC
						

With cover frame						
□ White	SPE4270121	SPE4470121	-	SPE4870121	SPE5270121	SPE4970121
■ Gray	SPE4200162	SPE4400162	-	SPE4800162	SPE5200162	SPE4900162
■ Black	SPE4200171	SPE4400171	-	SPE4800171	SPE5200171	SPE4900171
■ Champagne	SPE4200169	SPE4400169	-	SPE4800169	-	SPE4900169
						

Without cover frame						
□ White	EPH4270121	EPH4470121	-	EPH4870121	EPH5270121	-
■ Steel	EPH4200162	EPH4400162	-	EPH4800162	EPH5200162	EPH4900162
■ Anthracite	EPH4200171	EPH4400171	-	EPH4800171	EPH5200171	EPH4900171
■ Bronze	EPH4200169	EPH4400169	-	EPH4800169	-	EPH4900169

Metis

Communication outlets

Loudspeaker outlets

Double loudspeaker outlets

Screw terminals



With cover frame

☐ White	SPE5770121
☒ Gray	SPE5700162
☒ Black	SPE5700171
☒ Champagne	SPE5700169



Without cover frame

☐ White	EPH5770121
☒ Steel	EPH5700162
☒ Anthracite	EPH5700171
☒ Bronze	EPH5700169

Multimedia outlets

HDMI



With cover frame

☐ White	SPE4570121
☒ Gray	-
☒ Black	SPE4500171
☒ Champagne	-



Without cover frame

☐ White	-
☒ Steel	-
☒ Anthracite	EPH4500171
☒ Bronze	-

Fiber optic outlets

Duplex

LC APC



With cover frame

☐ White	SPE4670121	
	Simplex	
	SC APC	
	Single	Double



Without cover frame

☐ White	EPH4671121	EPH5370121
--------------------------------	------------	------------

Metis

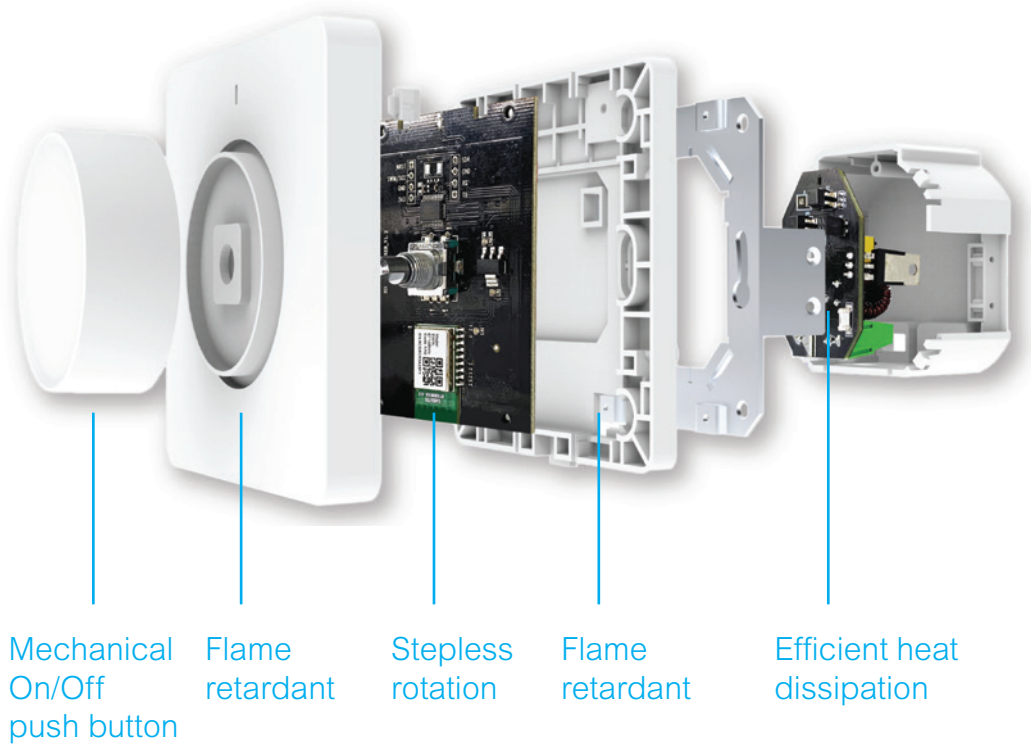
Smart dimmers

Smart touch dimmer

	WiFi	Zigbee
		
Neutral required		
□ white	SPE1624700	SPE1124700
■ gray	SPE1622700	SPE1122700
■ black	SPE1621700	SPE1121700
■ champagne	SPE1623700	SPE1123700

Smart rotary dimmer

	WiFi	Zigbee
		
Neutral required		
☐ white	SPE1624600	SPE1124600
☒ gray	SPE1622600	SPE1122600
☐ black	SPE1621600	SPE1121600
☐ champagne	SPE1623600	SPE1123600

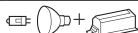


Metis

Rotary dimmers

Rotary dimmer

Designed to switch and dim ohmic or capacitive loads.

Screw terminals		RC ⁽¹⁾ 0-370 W	
			
		With frame	
□ White		SPE6870121	
■ Gray		SPE6800162	
■ Black		SPE6800171	
■ Champagne		SPE6800169	
			
		Without frame	
□ White		EPH6870121	
■ Steel		EPH6800162	
■ Anthracite		EPH6800171	
■ Bronze		EPH6800169	
Loads		Without neutral	With neutral
LED lamp 230 V		3...200 W (max. 1.3 A)	0...200 W (max. 1.3 A)
Incandescent lamp 230 V		3...370 W	0...370 W
Halogen lamp 230 V		3...370 W	0...370 W
LV halogen lamps 12 V	dimmmable electronic transformer 	3...370 W	0...370 W
Characteristics			
• Brightness memory function • Minimum brightness settings • Wire configuration with and without neutral. It is recommended to connect the neutral wire whenever available to improve the dimming performance • Electronic overload protection, overheating protection, short-circuit protection			

(1) RC = Resistive and Capacitive loads.

Metis

USB chargers

USB chargers

	Double USB charger type A + C, 21 W	Double USB charger type A + C, 45 W
		
With cover frame		
□ White	SPE2770521	SPE2770421
■ Gray	SPE2700562	-
■ Black	SPE2700571	SPE2700471
■ Champagne	SPE2700569	SPE2700469
		
Without cover frame		
□ White	-	-
■ Steel	EPH2700562	-
■ Anthracite	EPH2700571	EPH2700471
■ Bronze	EPH2700569	EPH2700469
• Nominal input voltage: 220-240 V~, 50/60 Hz • USB Output (type C): 5.0 V $\equiv$ 3.0 A 15.0 W 9.0 V $\equiv$ 2.33 A 21.0 W 12.0 V $\equiv$ 1.75 A 21.0 W 5.0 V-12.0 V $\equiv$ 0.1 A-3.0 A - Max 21.0 W • USB output (type A): 5.0 V $\equiv$ 3.0 A 15.0 W 9.0 V $\equiv$ 2.0 A 18.0 W 12.0 V $\equiv$ 1.5 A 18.0 W • Maximum output power (A + C): Max. 5.0 V $\equiv$ 3.4 A 17.0 W (Max 2.4 A for each port) • Charger protocol: PD 3.1 with PPS and further modes • No-load power consumption: < 0.05 W (in stand-by)		• Nominal input voltage: 240-220 V~, 60/50 Hz, 1.0 A • USB output (type C): 5.0 V $\equiv$ 3.0 A 15.0 W 9.0 V $\equiv$ 3.0 A 27.0 W 12.0 V $\equiv$ 3.0 A 36.0 W 15.0 V $\equiv$ 3.0 A 45.0 W 20.0 V $\equiv$ 2.25 A 45.0 W • USB output (type A): 5.0 V $\equiv$ 1.5 A 7.5 W • Maximum output power: Max. 52.5 W (A + C) • Charger protocol: PD 3.0 with PPS and further modes • No-load power consumption: < 0.08 W (in stand-by)

Metis

Accessories

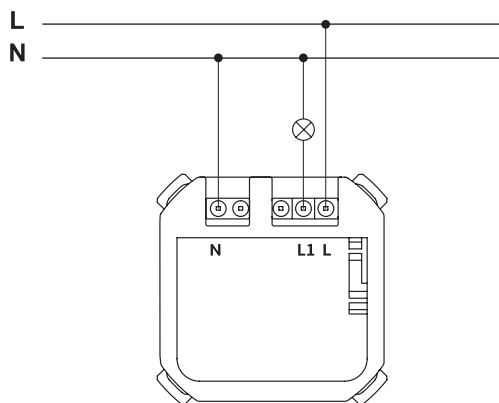
Cover frames

1 gang	
	
☐ white	SPE5804001
☒ gray	SPE5802001
☒ black	SPE5801001
☒ champagne	SPE5803001

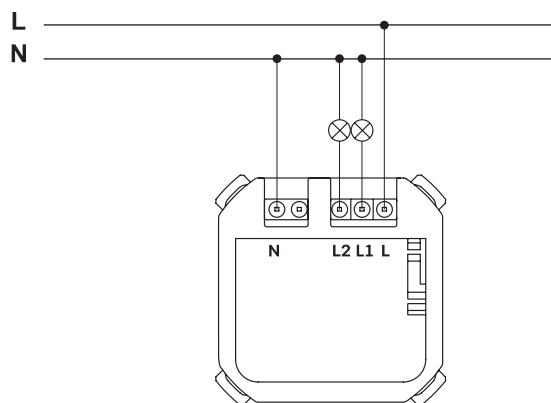
Blind covers

	
With cover frame	
☐ White	SPE5670121
☒ Gray	SPE5600162
☒ Black	SPE5600171
☒ Champagne	SPE5600169
	
Without cover frame	
☐ White	EPH5670121
☒ Steel	EPH5600162
☒ Anthracite	EPH5600171
☒ Bronze	EPH5600169

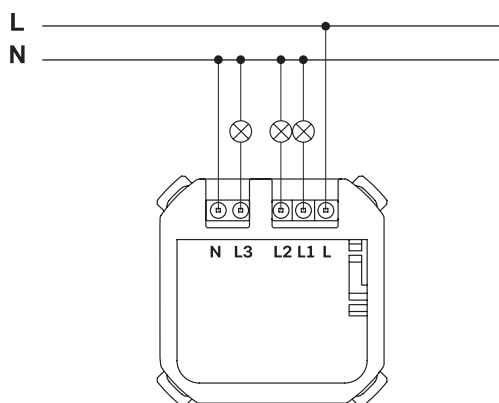
Connection examples



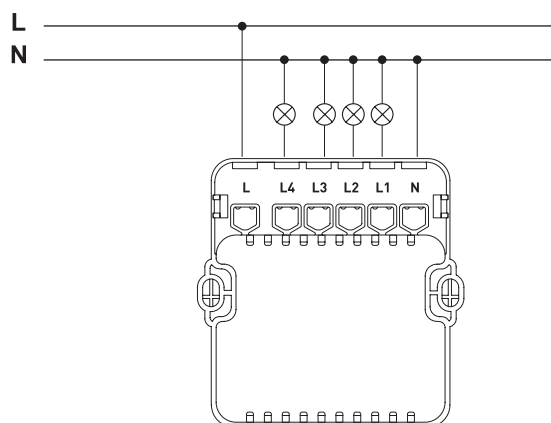
1-pole smart switch



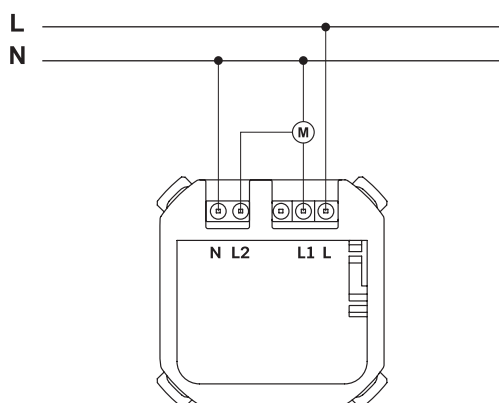
2-pole smart switch



3-pole smart switch



4-pole smart switch

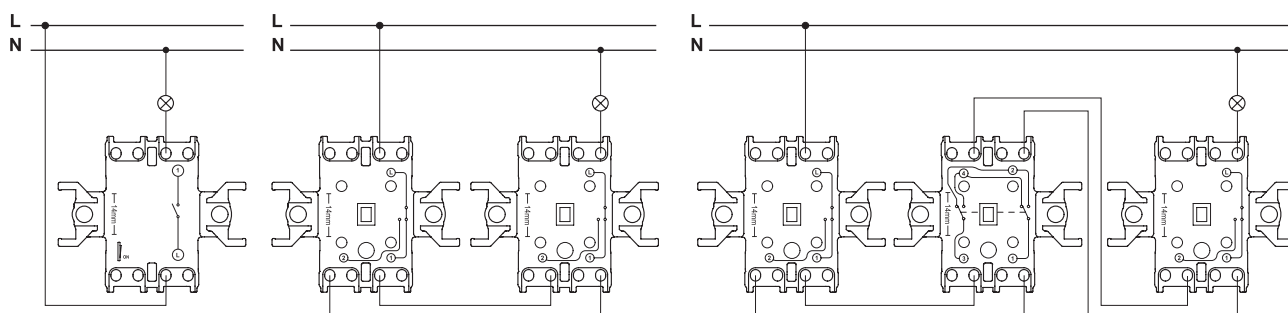


Curtain switch

Technical information

Switches and push-buttons (traditional)

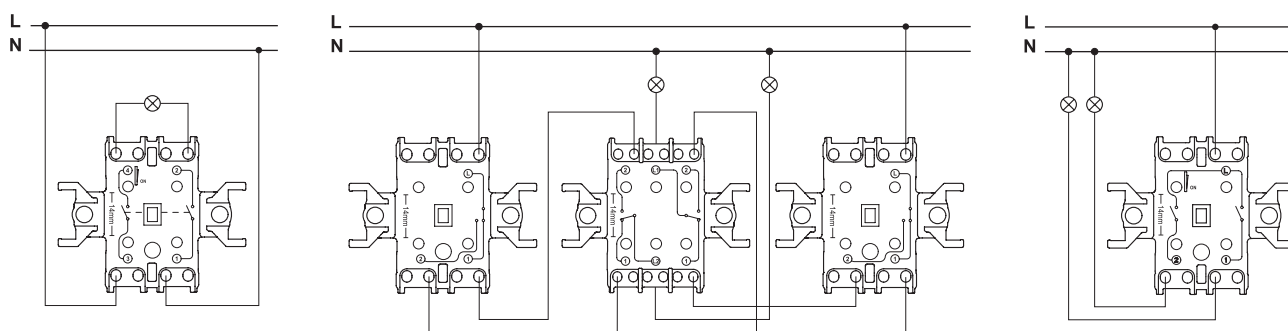
Connection examples



1-way switch

Two 2-way switches

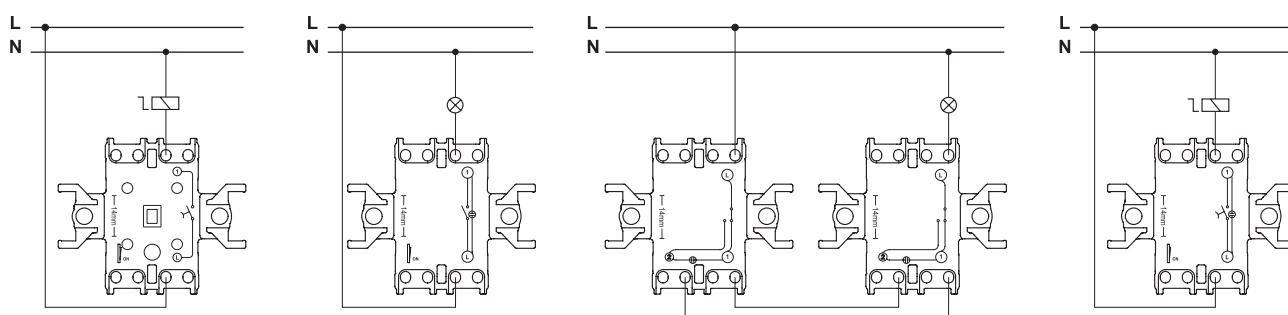
Two 2-way switches + 1 intermediate switch



2-pole switch

Two 2-way switches + one double 2-way switch acting on two different loads

2-circuit switch

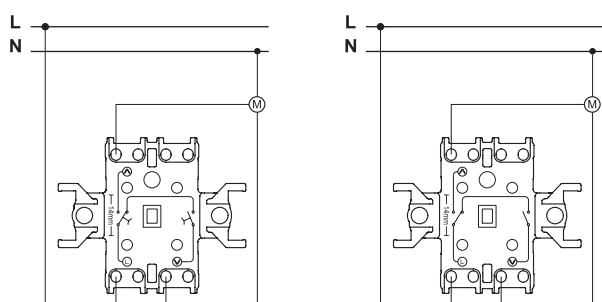


Push-button

1-way switch with locator lamp

Two 2-way switches

Push-button with locator lamp



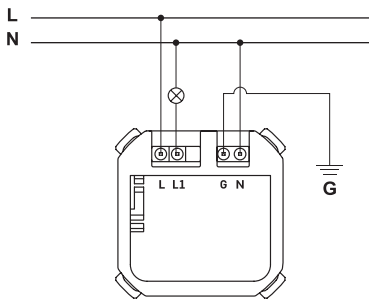
Metis

Technical information

Dimmers

Smart dimmers (Rotary & Touch)

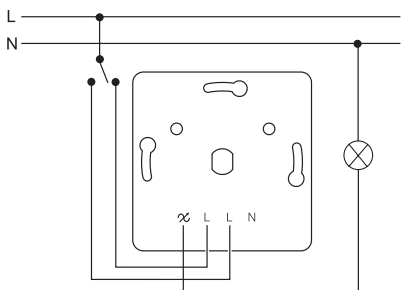
Connections



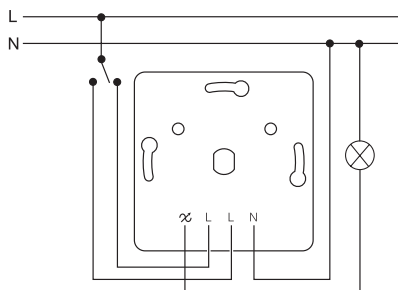
Smart dimmer (touch & rotary)

Rotary electronic dimmer

Connections

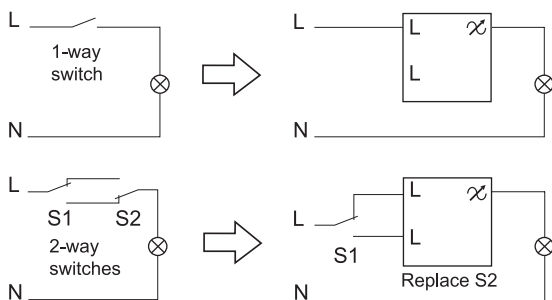


With neutral wire



Without neutral wire

Substitution examples



Metis

Technical information

Smart dimmers & switches

Dimmers

	Rotary	Touch
		
Specification		
Power	100 ~240V AC	100 ~240V AC
AC network frequency	50/60Hz	50/60Hz
Standby power consumption	≤0.5W	≤0.5W
Communications protocol	WiFi 2.4GHz / Zigbee / BLE MESH	WiFi 2.4GHz / Zigbee / BLE MESH
Working temperature	-10°C~+45°C	-10°C~+45°C
Working humidity	≤90%	≤90%
Maximum load	INC 300W CFL 220W LED 220W	INC 300W CFL 220W LED 220W
Button life cycle	50,000 times	50,000 times
Maximum RF output	20 dBm	20 dBm

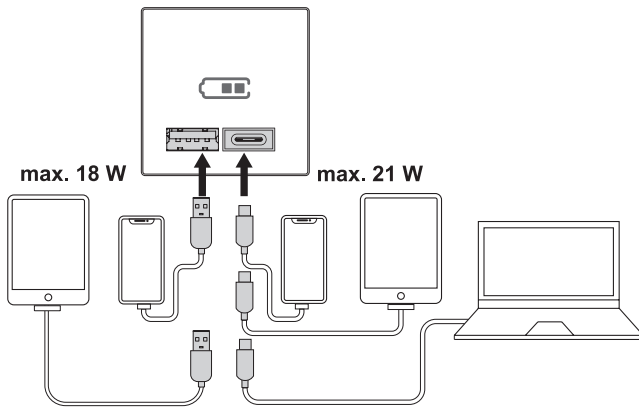
Switches

	Light switch	Scenario switch												
														
Specification														
Power	100 ~240V AC	Battery CR2430												
AC network frequency	50/60Hz	-												
Standby power consumption	≤0.5W	≤0.1mW												
Communications protocol	WiFi 2.4GHz / Zigbee	Zigbee												
Working temperature	-10°C~+45°C	-10°C~+45°C												
Working humidity	≤90%	≤90%												
Maximum load	<table border="1"> <thead> <tr> <th></th><th>with neutral</th><th>without neutral</th></tr> </thead> <tbody> <tr> <td>INC</td><td>15000W</td><td>3~300W</td></tr> <tr> <td>CFL</td><td>600W</td><td>5~300W</td></tr> <tr> <td>LED</td><td>600W</td><td>5~300W</td></tr> </tbody> </table>		with neutral	without neutral	INC	15000W	3~300W	CFL	600W	5~300W	LED	600W	5~300W	-
	with neutral	without neutral												
INC	15000W	3~300W												
CFL	600W	5~300W												
LED	600W	5~300W												
Button life cycle	50,000 times	50,000 times												
Maximum RF output	20 dBm	20 dBm												
Working range	25m open area	25m open area												

Technical information

USB chargers

USB Chargers type A+C (21 W)

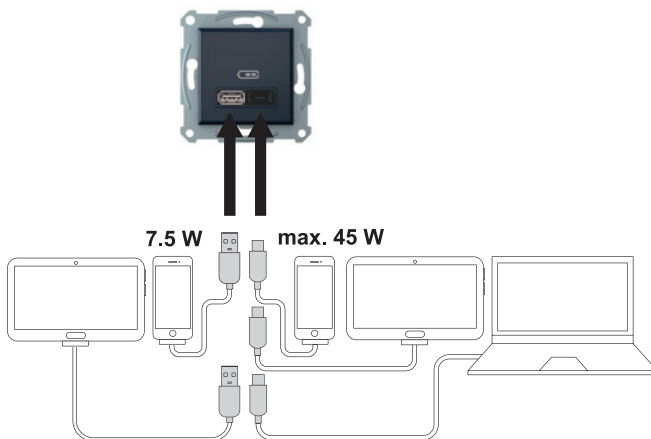


USB chargers type A+C - SPE27005xx

Connection

- Nominal input voltage: 220-240 V~, 50/60 Hz
- USB output (type C): 5.0 V $\Rightarrow$ 3.0 A 15.0 W
9.0 V $\Rightarrow$ 2.33.0 A 21.0 W
12.0 V $\Rightarrow$ 1.75 A 21.0 W
5.0 V-12.0 V $\Rightarrow$ 0.1 A-3.0 A
Max 21.0 W
- USB output (type A): 5.0 V $\Rightarrow$ 3.0 A 15.0 W
9.0 V $\Rightarrow$ 2.0 A 18.0 W
12.0 V $\Rightarrow$ 1.5 A 18.0 W
- Maximum output power: Max. 5.0 V $\Rightarrow$ 3.4 A 17.0 W
(Max 2.4 A for each port)
- Charger protocol: PD 3.1 with PPS and further modes
- No-load power consumption: < 0.05 W (in stand-by)

USB Chargers type A+C (45 W)



USB chargers type A+C - SPE27004xx

Connection

- Nominal input voltage: 220-240 V~, 50/60 Hz, 1.0 A
- USB output (type C): 5.0 V $\Rightarrow$ 3.0 A 15.0 W
9.0 V $\Rightarrow$ 3.0 A 27.0 W
12.0 V $\Rightarrow$ 3.0 A 36.0 W
15.0 V $\Rightarrow$ 3.0 A 45.0 W
20.0 V $\Rightarrow$ 2.25 A 45.0 W
- USB output (type A): 5.0 V $\Rightarrow$ 1.5 A 7.5 W
- Maximum output power: Max. 52.5 W (A+C)
- Charger protocol: PD 3.0 with PPS and further modes
- No-load power consumption: < 0.08 W (in stand-by)

Technical information

Antenna outlets

Type			TV Ending 1 dB	Intermediate 4 dB	Intermediate 8 dB	TV-R Ending 1 dB	Intermediate 4 dB	Intermediate 8 dB
			SPE32001xx SPE32701xx	SPE32002xx	SPE32003xx SPE32703xx	SPE33001xx SPE33007xx	SPE33002xx	SPE33003xx
Loss		dB	1	4	8	1	4	8
Operating Frequency	SAT	MHz	-	-	-	-	-	-
	TV/VHF		5-862	5-862	5-862	118-470	118-470	118-470
	TV/UHF		5-862	5-862	5-862	470-830	470-830	470-830
	R		-	-	-	10-108	10-108	10-108
Pass through attenuation	SAT	dB	-	-	-	-	-	-
	TV/VHF		1	4	8	1.5	3.7	9.7
	TV/UHF		1	4	8	2.8	4.6	9.8
	R		-	-	-	11.1	9.3	8.1
Outlet attenuation		dB	1	4	8	0.5	0.5	0.5
DC Current			-	-	-	-	-	-
Outlets/line			-	-	-	1	4	4

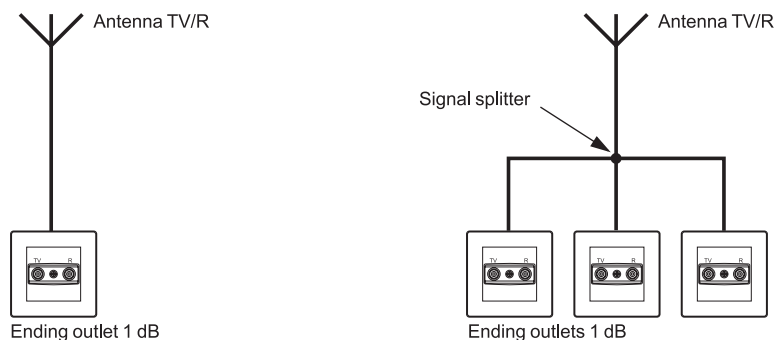
Type			TV-SAT Ending 1 dB	Intermediate 4 dB	Intermediate 8 dB	Individual 1 dB	TV-R-SAT Ending 1 dB	Intermediate 4 dB	Intermediate 8 dB
			SPE34001xx SPE34701xx	SPE32002xx	SPE34003xx SPE34703xx	SPE34004xx	SPE35001xx	SPE35002xx	SPE35003xx
Loss		dB	1	4	8	1	1	4	8
Operating Frequency	SAT	MHz	950-2400	950-2400	950-2400	950-2400	950-2400	950-2400	950-2400
	TV/VHF		118-470	118-470	118-470	118-470	118-470	118-470	118-470
	TV/UHF		470-830	470-830	470-830	470-830	470-830	470-830	470-830
	R		-	-	-	-	10-108	10-108	10-108
Pass through attenuation	SAT	dB	13	12.1	10.3	13	4.1	4.2	4.3
	TV/VHF		2.2	4.5	10.8	2.2	1.5	4.9	11.1
	TV/UHF		1	4.8	12.3	1	2.7	5.1	11.6
	R		-	-	-	-	14.8	16.8	15.2
Outlet attenuation		dB	-	0.5	0.5	-	-	0.5	0.5
DC Current			in SAT outlet	in SAT outlet	in SAT outlet	in SAT outlet	-in SAT outlet	in SAT outlet	in SAT outlet
Outlets/line			1	4	4	1	1	4	4

Type			TV-SAT Ending 1 dB	Ending 1 dB	Intermediate 4 dB
			SPE36001xx SPE36701xx	SPE37001xx SPE37701xx	SPE37002xx
Loss		dB	1	1	4
Operating Frequency	SAT	MHz	950-2400	950-2400	950-2400
	TV/VHF		118-470	118-470	118-470
	TV/UHF		470-830	470-830	470-830
	R		-	-	-
Pass through attenuation	SAT	dB	13	4.1	4.2
	TV/VHF		2.2	1.5	4.9
	TV/UHF		1	2.7	5.1
	R		-	14.8	16.8
Outlet attenuation		dB	-	-	0.5
DC Current			in SAT outlet	in SAT outlet	in SAT outlet
Outlets/line			1	1	4

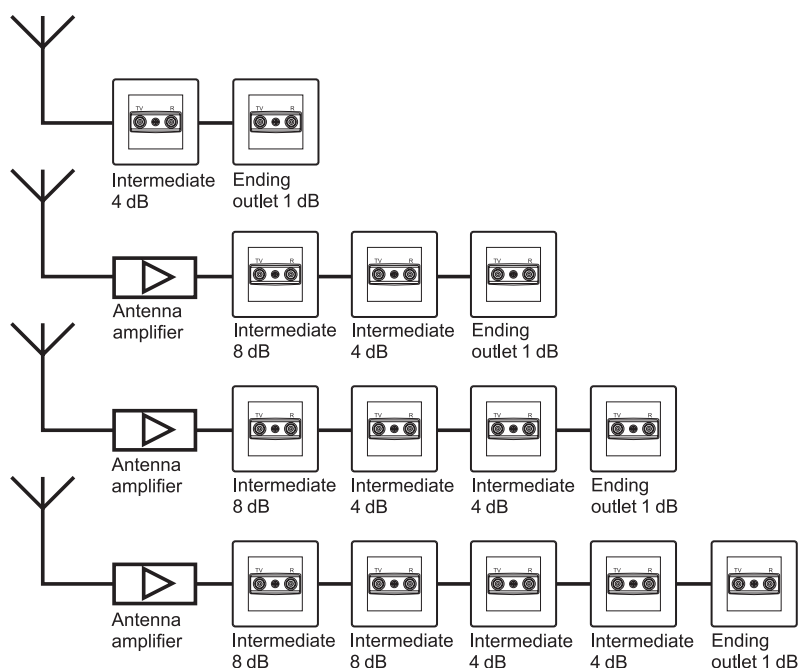
Only one of the outlets in "Ending TV / R outlet" can also be used as individual one.

Only the cable connected outlet in "Individual TV / SAT outlet" can be used as ending one in linear installation.

TV/R applications

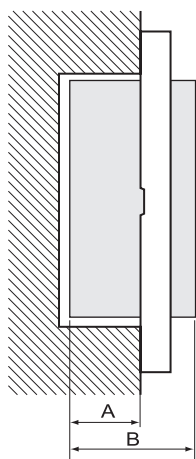


Linear installation inserts intermediate 4 dB, 8 dB and end of line 1 dB
(always in the end)



Technical information

Dimensions



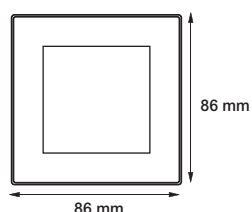
A: Embedding depth
B: Depth

Ref.	A (mm)	B (mm)
SPE01x01xx	28	43
SPE01x02xx	28	43
SPE01x03xx	28	43
SPE011x851	0	13
SPE011x853	0	27
SPE012x241	0	13
SPE012x242	0	13
SPE012x243	0	13
SPE012x244	0	13
SPE02x01xx	28	43
SPE02x03xx	28	43
SPE03x01xx	28	43
SPE03x03xx	28	43
SPE04x01xx	28	43
SPE04x03xx	28	43
SPE04004xx	28	43
SPE05x01xx	28	43
SPE05x03xx	28	43
SPE06x01xx	28	43
SPE06x03xx	28	43
SPE062x211	27	43
SPE062x212	27	43
SPE07x01xx	28	43
SPE07x03xx	28	43
SPE08x01xx	28	43

Ref.	A (mm)	B (mm)
SPE08x03xx	28	43
SPE09x01xx	28	43
SPE09x03xx	28	43
SPE11x01xx	28	43
SPE11x03xx	28	43
SPE112x211	27	43
SPE112x212	27	43
SPE112x213	27	43
SPE112x214	29	40
SPE112x600	27	54
SPE112x700	27	43
SPE112x803	27	43
SPE13x01xx	28	43
SPE13x03xx	28	43
SPE13x05xx	28	43
SPE14x01xx	28	43
SPE14x03xx	28	43
SPE14303xx	28	43
SPE15x01xx	28	43
SPE15x03xx	28	43
SPE16x01xx	28	43
SPE16x03xx	28	43
SPE16x15xx	28	43
SPE162x211	27	43
SPE162x212	27	43

Ref.	A (mm)	B (mm)
SPE162x213	27	43
SPE162x214	29	40
SPE162x600	27	54
SPE162x700	27	43
SPE162x803	27	43
SPE17x01xx	28	43
SPE17x03xx	28	43
SPE18x01xx	28	43
SPE19x01xx	28	43
SPE19x03xx	28	43
SPE21x01xx	32	44
SPE27x04xx	32	44
SPE27x05xx	32	44
SPE29x01xx	32	44
SPE29x02xx	32	44
SPE29x05xx	32	44
SPE30x01xx	32	44
SPE31x01xx	32	44
SPE32x01xx	28	40
SPE32x02xx	28	40
SPE32x03xx	28	40
SPE33x01xx	28	40
SPE33x02xx	28	40
SPE33x03xx	28	40
SPE34x01xx	28	40

Ref.	A (mm)	B (mm)
SPE34x02xx	28	40
SPE34x03xx	29	40
SPE34x04xx	29	42
SPE35x01xx	29	42
SPE35x02xx	29	42
SPE36x01xx	29	42
SPE37x01xx	29	42
SPE37x02xx	29	42
SPE41x01xx	29	40
SPE42x01xx	29	40
SPE43x01xx	27	38
SPE44x01xx	27	38
SPE45x01xx	29	40
SPE46x01xx	29	40
SPE47x01xx	27	38
SPE48x01xx	27	38
SPE49x01xx	27	38
SPE50x01xx	39	48
SPE52x01xx	29	40
SPE55x01xx	29	48
SPE56x01xx	26	37
SPE57x01xx	26	43
SPE62x01xx	29	52
SPE68x01xx	29	48



To verify the product's authenticity and warranty, please use one of the two methods below.



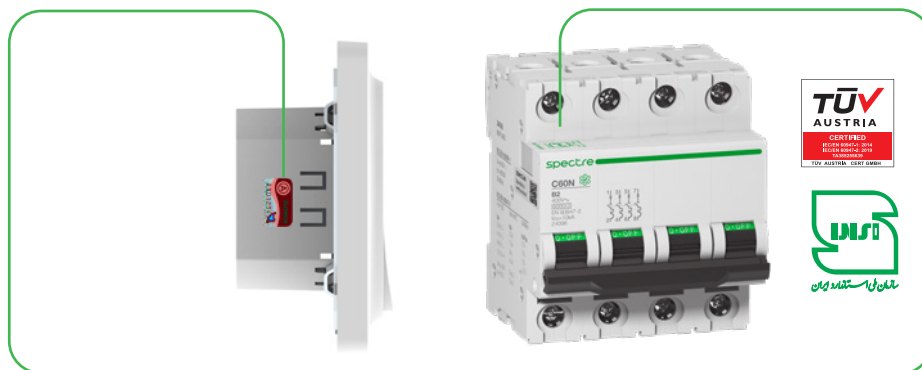
SMS

SMS the AuthentiTag's serial number to **+98 1000 100 200 6000** to receive information about the product's authenticity and warranty.

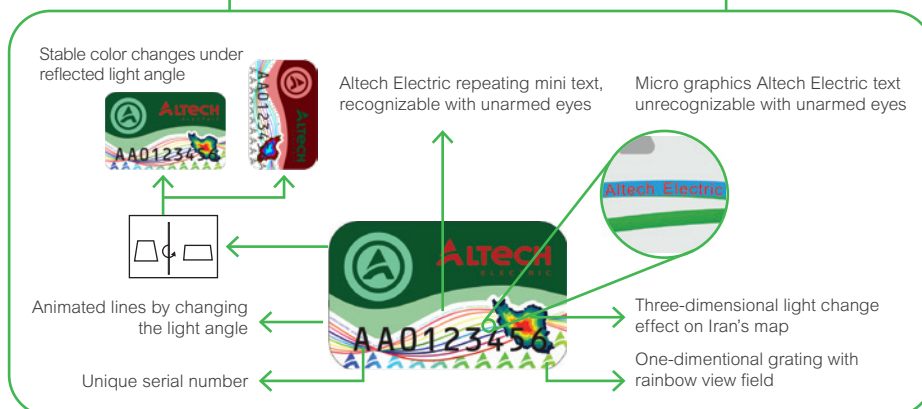


Online

Enter the AuthentiTag's serial number at altech-electric.com/hologram/ to verify the product's authenticity and warranty status.



AuthentiTag



Previous design



New design

All Schneider Electric and Spectre products are valid with the two above hologram designs

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Oct. 2025
WDCATMETIS_EN WEB Ver. 2.0

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