

Wiring devices

Asfora

2015 catalogue



Schneider
Electric

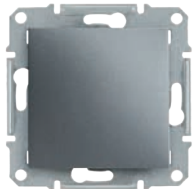
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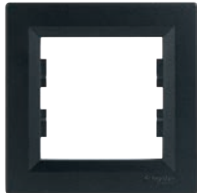
Asfora makes the life easier...



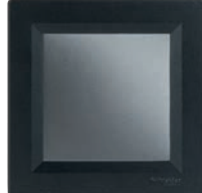
Or



+



=



2
Finishes

>

6
Colours :
white, cream,
anthracite,
steel,
aluminium,
bronze

>

15
Basic
functions



Lighting
and comfort



Roller blinds

Adjust the room's natural light according to the weather and the customer mood.



Switch with locator lamp

Easily find the light switches in the dark.



Dimmer

Create just the right ambiance the easy way.



Connectivity



TV/R/SAT outlets

Access all of the media from a single source.



RJ45 data outlets

Plug in the telephone, TV, PC, or gaming console to keep the digital world close at hand.



Loudspeaker outlets

Enjoy music from a single source throughout home and hide unsightly wiring inside walls.

...and your job easier

Safety first



The wiring diagram is on the back of the insert, helping you to avoid wiring errors.



- The insert design minimizes contact with electrified parts.
- The funnel-shaped terminal inputs cover the entire length of exposed wire, **preventing short circuits**.



The claws are protected to keep fingers safe.



All Asfora products meet the latest standards and are manufactured from robust materials chosen to withstand everyday use for years to come.

Quick and easy to install



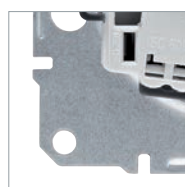
Wire releasers are easy to handle, making switches quick and easy to connect and disconnect.



Input holes are funnel-shaped to guide wires right to the terminal.



- Because outlet terminals are aligned, all wires can be cut to the same length at once.
- Outlets feature pre-opened terminals.



Mounting plates feature alignment slots to fine tune the position of each unit for a perfect finish.

Reliability and robustness



Galvanized metal mounting plates offering excellent flex strength and resistance to corrosion.



Mounting claws on outlets are long and strong to withstand hundreds of mounting and dismounting over time.



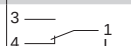
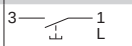
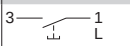
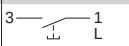
The Asfora range delivers the quality design and manufacturing you expect from Schneider Electric.

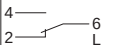
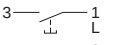
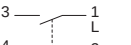
Products with cover frame

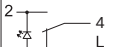
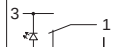
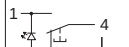
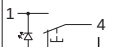
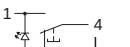
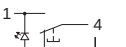
Switches and push-buttons

Common characteristics

- Voltage: 250 V AC
- Cables: 2 x 2.5 mm² rigid/flexible cables
- Certification: VDE
- Quality mark: CE

1-pole						1-pole with pictogram				
										
One-way switch			Two-way switch		Intermediate switch	Push-button	Push-button "bell"	Push-button "light"		
										
Degrees of protection	IP 20	IP 44	IP 20	IP 44						
Rated current	10 AX					10 A				
Terminals	Colour									
Screwless	 white	EPH0100121	EPH0100221	EPH0400121	EPH0400421	EPH0500121	EPH0700121	EPH0800121	EPH0900121	
	 cream	EPH0100123	EPH0100223	EPH0400123	EPH0400423	EPH0500123	EPH0700123	EPH0800123	EPH0900123	
Screw	 white	EPH0100321		EPH0400321		EPH0500321	EPH0800321			
	 cream	EPH0100323		EPH0400323		EPH0500323	EPH0800323			

		1-pole			2-pole
					
		Two circuits switch	Double two-way switch	Double push-button	2-pole switch
					
Degrees of protection		IP 20			
Rated current		10 AX		10 A	10 AX
Terminals	Colour				
Screwless	 white	EPH0300121	EPH0600121	EPH1100121	EPH0200121
	 cream	EPH0300123	EPH0600123	EPH1100123	EPH0200123
Screw	 white	EPH0300321	EPH0600321	EPH1100321	EPH0200321
	 cream	EPH0300323	EPH0600323	EPH1100323	EPH0200323

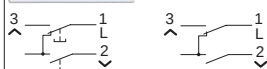
1-pole with locator lamp				1-pole with locator lamp and pictogram				
				  				
One-way switch		Two-way switch		Push-button	Push-button "bell"	Push-button "light"	Push-button "stairs"	
								
Degrees of protection		IP 20						
Rated current		10 AX	16 AX	10 AX	10 A			
Terminals	Colour							
Screwless	 white	EPH1400121	-	EPH1500121	EPH1600121	EPH1700121	EPH1800121	EPH1900121
	 cream	EPH1400123	-	EPH1500123	EPH1600123	EPH1700123	EPH1800123	EPH1900123
Screw	 white	EPH1400321	EPH1430321	EPH1500321	EPH1600321	EPH1700321	-	EPH1900321
	 cream	EPH1400323	EPH1430323	EPH1500323	EPH1600323	EPH1700323	-	EPH1900323

Mechanisms for roller blinds

Characteristics

- Voltage: 250 V AC
- Rated current: 10 A
- Cables: 2 x 2.5 mm² rigid/flexible cables
- Degree of protection: IP 20
- Certificates: VDE (Only for push-button)
- Quality mark: CE (For switch and push-button)

Mechanism for roller blinds



Terminals	Colour	Push-button	Switch
Screwless	□ white	EPH1300121	EPH1300521
	■ cream	EPH1300123	EPH1300523
Screw	□ white	EPH1300321	
	■ cream	EPH1300323	

Key card switches

Characteristics

- Rated voltage: 250 V AC
- Rated current: 10 A
- Cables: 2 x 2.5 mm² rigid/flexible cables
- Degree of protection: IP 20
- Certification: VDE

Mechanical card switch



Terminals	Colour	
Screwless	□ white	EPH6200121
	■ cream	EPH6200123

Products with cover frame

Socket-outlets

Common characteristics

- Voltage: 250 V AC
- Rated current: 16 A
- Cables: 2 x 2.5 mm² rigid/flexible cables

2P



Single



Double

Double
PL standard

Degrees of protection IP 20

Terminals Colour

Screw ☐ white

EPH3000121

EPH9700121

EPH9700221

☐ cream

EPH3000123

EPH9700123

EPH9700223

2P+E (pin earth)



Single

Single
with shuttersSingle with shutters
and lidSingle with red
center plateDouble
CZ, SK standardsDouble
PL standard

Degrees of protection IP 20

IP 44

IP 20

Terminals Colour

Screw ☐ white

EPH2800121

EPH2800221

EPH2800321

EPH2800421

EPH9800121

EPH9800221

☐ cream

EPH2800123

EPH2800223

EPH2800323

EPH2800423

EPH9800123

EPH9800223

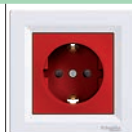
2P+E (side earth)



Single

Single
with shutters

Single with lid

Single with shutters
and lidSingle with shutter
and red center plate

Double

Degrees of protection IP 20

IP 44

IP 20

Terminals Colour

Screw ☐ white

EPH2900121

EPH2900221

EPH3100121

EPH3100321

EPH2900521

EPH9900121

☐ cream

EPH2900123

EPH2900223

EPH3100123

EPH3100323

EPH2900523

EPH9900123

Antenna outlets

Common characteristics

- Degree of protection: IP 20
- Quality mark: CE

		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
Type	Colour						
Ending (1 dB)	☐ white	EPH3200121	EPH3300121	EPH3400121	EPH3500121	EPH3600121	EPH3700121
	☐ cream	EPH3200123	EPH3300123	EPH3400123	EPH3500123	EPH3600123	EPH3700123
Intermediate (4 dB)	☐ white	EPH3200221	EPH3300221	EPH3400221	EPH3500221	-	EPH3700221
	☐ cream	EPH3200223	EPH3300223	EPH3400223	EPH3500223	-	EPH3700223
Intermediate (8 dB)	☐ white	EPH3200321	EPH3300321	EPH3400321	EPH3500321	-	-
	☐ cream	EPH3200323	EPH3300323	EPH3400323	EPH3500323	-	-
Individual (1 dB)	☐ white	-	-	EPH3400421	-	-	-
	☐ cream	-	-	EPH3400423	-	-	-

Data and telephone outlets

Common characteristics

- Degree of protection: IP 20

		RJ11	RJ45		
					
Type	Colour		Cat. 5e UTP	Cat. 5e STP	Cat. 6 UTP
Single	☐ white	EPH4100121	EPH4300121	EPH5000121	EPH4700121
	☐ cream	EPH4100123	EPH4300123	EPH5000123	EPH4700123
Terminals		Screw	IDC	IDC	IDC
		RJ11	RJ45		RJ45 + RJ12
					
Type	Colour		Cat. 5e UTP		Cat. 6 UTP
Double	☐ white	EPH4200121	EPH4400121	-	EPH4800121
	☐ cream	EPH4200123	EPH4400123	-	EPH4800123
Terminals		Screw	IDC	-	IDC

Loudspeaker outlets

Characteristics

- Cables: rigid cables
- Degree of protection: IP20

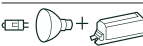
Double loudspeaker outlets


Terminals	Colour	
Screwless	☐ white	EPH5700121
	☐ cream	EPH5700123

Rotary dimmers

Common characteristics

- Rated voltage: 230 V AC 50 Hz
- Cables: 2 x 2.5 mm² rigid/flexible cables
- Operating temperature: +5°C to +35°C
- Degree of protection: IP 20
- Certification: FIMKO, NEMKO, SEMKO, TSE, VDE, UKR
- Quality mark: CE

		600 VA, two-way switch	315 VA, two-way switch	
				
Terminals	Colour		with locator lamp ⁽¹⁾	
Screw (Pillar type)	☐ white	EPH6400121	EPH6500121	EPH6600121
	☐ cream	EPH6400123	EPH6500123	EPH6600123
Others characteristics				
Short-circuit protection		Fuse F6, 3 AH - 250 V		Electronic
Loads				
	230 V AC incandescent lamps	40-600 W	40-600 W	20-315 W
	230 V AC halogen lamps	40-600 W	40-600 W	20-315 W
	LV halogen lamps with ferromagnetic transformer	40-600 VA	40-600 VA	-
	LV halogen lamps with electronic transformer	-	-	20-315 VA

⁽¹⁾ Locator lamp is under the rotary control button.

Cover frames

Characteristics

- Degree of protection: IP 20



1 gang



4 gang horizontal



2 gang horizontal



5 gang horizontal



3 gang horizontal



6 gang horizontal



2 gang vertical



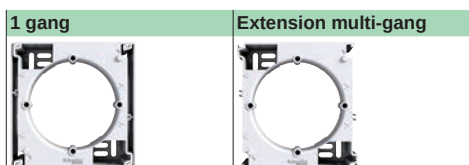
3 gang vertical

	1 gang	2 gang	3 gang	4 gang	5 gang	6 gang
Colour		Horizontal				
☐ white	EPH5800121	EPH5800221	EPH5800321	EPH5800421	EPH5800521	EPH5800621
☐ cream	EPH5800123	EPH5800223	EPH5800323	EPH5800423	EPH5800523	EPH5800623
Colour		Vertical				
☐ white	-	EPH5810221	EPH5810321	-	-	-
☐ cream	-	EPH5810223	EPH5810323	-	-	-

Surface-mounted boxes

Characteristics

- Degree of protection: IP 20
- Installation: screwless+screw



Colour	1 gang	Extension multi-gang
☐ white	EPH6100121	EPH6100221
☐ cream	EPH6100123	EPH6100223

Blind covers

Characteristics

- Degree of protection: IP 20
- Installation: screwless + screw



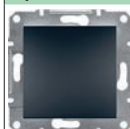
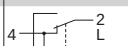
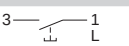
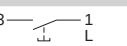
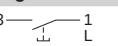
Colour	Blind cover
☐ white	EPH5600121
☐ cream	EPH5600123

Products without cover frame

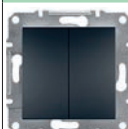
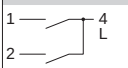
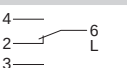
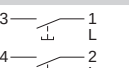
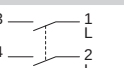
Switches and push-buttons

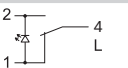
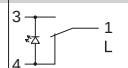
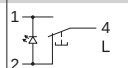
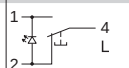
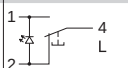
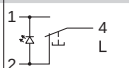
Common characteristics

- Voltage: 250 V AC
- Cables: 2 x 2.5 mm² rigid/flexible cables
- Certification: VDE
- Quality mark: CE

1-pole					1-pole with pictogram					
										
One-way switch			Two-way switch		Intermediate switch	Push-button	Push-button "bell"	Push-button "light"		
										
Degrees of protection	IP 20	IP 44	IP 20	IP 44						
Rated current	10 AX					10 A				
Terminals	Colour									
Screwless		anthracite	EPH0100171	EPH0100271 ⁽¹⁾	EPH0400171	EPH0400271 ⁽¹⁾	EPH0500171	EPH0700171	EPH0800171	EPH0900171
		steel	EPH0100162	EPH0100262 ⁽¹⁾	EPH0400162	EPH0400262 ⁽¹⁾	EPH0500162	EPH0700162	EPH0800162	EPH0900162
		aluminium	EPH0100161	EPH0100261 ⁽¹⁾	EPH0400161	EPH0400261 ⁽¹⁾	EPH0500161	EPH0700161	EPH0800161	EPH0900161
		bronze	EPH0100169	EPH0100269 ⁽¹⁾	EPH0400169	EPH0400269 ⁽¹⁾	EPH0500169	EPH0700169	EPH0800169	EPH0900169
Screw		anthracite	EPH0100371		EPH0400371		EPH0500371	EPH0800371		
		steel	EPH0100362		EPH0400362		EPH0500362	EPH0800362		
		aluminium	EPH0100361		EPH0400361		EPH0500361	EPH0800361		
		bronze	EPH0100369		EPH0400369		EPH0500369	EPH0800369		

⁽¹⁾ Product with cover frame

		1-pole			2-pole
					
		Two circuits switch	Double two-way switch	Double push-button	2-pole switch
					
Degrees of protection		IP 20			
Rated current		10 AX		10 A	10 AX
Terminals	Colour				
Screwless	 anthracite	EPH0300171	EPH0600171	EPH1100171	EPH0200171
	 steel	EPH0300162	EPH0600162	EPH1100162	EPH0200162
	 aluminium	EPH0300161	EPH0600161	EPH1100161	EPH0200161
	 bronze	EPH0300169	EPH0600169	EPH1100169	EPH0200169
Screw	 anthracite	EPH0300371	EPH0600371	EPH1100371	EPH0200371
	 steel	EPH0300362	EPH0600362	EPH1100362	EPH0200362
	 aluminium	EPH0300361	EPH0600361	EPH1100361	EPH0200361
	 bronze	EPH0300369	EPH0600369	EPH1100369	EPH0200369

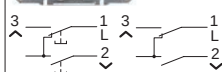
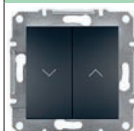
		1-pole with locator lamp				1-pole with locator lamp and pictogram			
									
		One-way switch		Two-way switch		Push-button	Push-button "bell"	Push-button "light"	Push-button "stairs"
									
Degrees of protection		IP 20							
Rated current		10 AX	16 AX	10 AX	10 A				
Terminals Colour									
Screwless	 anthracite	EPH1400171	-	EPH1500171	EPH1600171	EPH1700171	EPH1800171	EPH1900169	
	 steel	EPH1400162	-	EPH1500162	EPH1600162	EPH1700162	EPH1800162	EPH1900162	
	 aluminium	EPH1400161	-	EPH1500161	EPH1600161	EPH1700161	EPH1800161	EPH1900161	
	 bronze	EPH1400169	-	EPH1500169	EPH1600169	EPH1700169	EPH1800169	EPH1900171	
Screw	 anthracite	EPH1400371	EPH1430371	EPH1500371	EPH1600371	EPH1700371	-	EPH1900371	
	 steel	EPH1400362	EPH1430362	EPH1500362	EPH1600362	EPH1700362	-	EPH1900362	
	 aluminium	EPH1400361	EPH1430361	EPH1500361	EPH1600361	EPH1700361	-	EPH1900361	
	 bronze	EPH1400369	EPH1430369	EPH1500369	EPH1600369	EPH1700369	-	EPH1900369	

Mechanisms for roller blinds

Characteristics

- Voltage: 250 V AC
- Rated current: 10 A
- Cables: 2 x 2.5 mm² rigid/flexible cables
- Degree of protection: IP 20
- Certificates: VDE (Only for push-button)
- Quality mark: CE (For switch and push-button)

Mechanism for roller blinds



Terminals	Colour	Push-button	Switch
Screwless	anthracite	EPH1300171	EPH1300571
	steel	EPH1300162	EPH1300562
	aluminium	EPH1300161	EPH1300561
	bronze	EPH1300169	EPH1300569
Screw	anthracite	EPH1300371	
	steel	EPH1300362	
	aluminium	EPH1300361	
	bronze	EPH1300369	

Key card switches

Characteristics

- Rated voltage: 250 V AC
- Rated current: 10 A
- Cables: 2 x 2.5 mm² rigid/flexible cables
- Degree of protection: IP 20
- Certification: VDE

Mechanical card switch



Terminals	Colour	
Screwless	anthracite	EPH6200171
	steel	EPH6200162
	aluminium	EPH6200161
	bronze	EPH6200169

Products without cover frame

Socket-outlets

Common characteristics

- Voltage: 250 V AC
- Rated current: 16 A
- Cables: 2 x 2.5 mm² rigid/flexible cables

2P



Single

Double

Double
PL standard

Degrees of protection IP 20

Terminals Colour

Screw	anthracite	EPH3000171	EPH9700171 ⁽¹⁾	EPH9700271 ⁽¹⁾
	steel	EPH3000162	EPH9700162 ⁽¹⁾	EPH9700262 ⁽¹⁾
	aluminium	EPH3000161	EPH9700161 ⁽¹⁾	EPH9700261 ⁽¹⁾
	bronze	EPH3000169	EPH9700169 ⁽¹⁾	EPH9700269 ⁽¹⁾

2P+E (pin earth)



Single

Single
with shuttersSingle with shutters
and lidDouble
CZ, SK standardsDouble
PL standard

Degrees of protection IP 20

Terminals Colour

Screw	anthracite	EPH2800171	EPH2800271	EPH2800371 ⁽¹⁾	EPH9800171 ⁽¹⁾	EPH9800271 ⁽¹⁾
	steel	EPH2800162	EPH2800262	EPH2800362 ⁽¹⁾	EPH9800162 ⁽¹⁾	EPH9800262 ⁽¹⁾
	aluminium	EPH2800161	EPH2800261	EPH2800361 ⁽¹⁾	EPH9800161 ⁽¹⁾	EPH9800261 ⁽¹⁾
	bronze	EPH2800169	EPH2800269	EPH2800369 ⁽¹⁾	EPH9800169 ⁽¹⁾	EPH9800269 ⁽¹⁾

2P+E (side earth)



Single

Single
with shutters

Single with lid

Single with shutters
and lid

Double

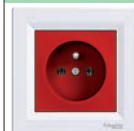
Degrees of protection IP 20

Terminals Colour

Screw	anthracite	EPH2900171	EPH2900271	EPH3100171	EPH3100371 ⁽¹⁾	EPH9900171 ⁽¹⁾
	steel	EPH2900162	EPH2900262	EPH3100162	EPH3100362 ⁽¹⁾	EPH9900162 ⁽¹⁾
	aluminium	EPH2900161	EPH2900261	EPH3100161	EPH3100361 ⁽¹⁾	EPH9900161 ⁽¹⁾
	bronze	EPH2900169	EPH2900269	EPH3100169	EPH3100369 ⁽¹⁾	EPH9900169 ⁽¹⁾

⁽¹⁾ Product with cover frame

2P+E



side earth

pin earth

Degrees of protection IP 20

Terminals

Screw	EPH2800421 ⁽²⁾	EPH2900521 ⁽²⁾
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⁽²⁾ Remove the white cover frame by using anthracite, steel, aluminium or bronze cover frames according to your choice, See "Cover frames" part p 17

Antenna outlets

Common characteristics

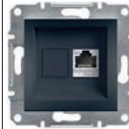
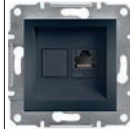
- Degree of protection: IP 20
- Quality mark: CE

		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
Type	Colour						
Ending (1 dB)	anthracite	EPH3200171	EPH3300171	EPH3400171	EPH3500171	EPH3600171	EPH3700171
	steel	EPH3200162	EPH3300162	EPH3400162	EPH3500162	EPH3600162	EPH3700162
	aluminium	EPH3200161	EPH3300161	EPH3400161	EPH3500161	EPH3600161	EPH3700161
	bronze	EPH3200169	EPH3300169	EPH3400169	EPH3500169	EPH3600169	EPH3700169
Intermediate (4 dB)	anthracite	EPH3200271	EPH3300271	EPH3400271	EPH3500271	-	EPH3700271
	steel	EPH3200262	EPH3300262	EPH3400262	EPH3500262	-	EPH3700262
	aluminium	EPH3200261	EPH3300261	EPH3400261	EPH3500261	-	EPH3700261
	bronze	EPH3200269	EPH3300269	EPH3400269	EPH3500269	-	EPH3700269
Intermediate (8 dB)	anthracite	EPH3200371	EPH3300371	EPH3400371	EPH3500371	-	-
	steel	EPH3200362	EPH3300362	EPH3400362	EPH3500362	-	-
	aluminium	EPH3200361	EPH3300361	EPH3400361	EPH3500361	-	-
	bronze	EPH3200369	EPH3300369	EPH3400369	EPH3500369	-	-
Individual (1 dB)	anthracite	-	-	EPH3400471	-	-	-
	steel	-	-	EPH3400462	-	-	-
	aluminium	-	-	EPH3400461	-	-	-
	bronze	-	-	EPH3400469	-	-	-

Data and telephone outlets

Common characteristics

- Degree of protection: IP 20

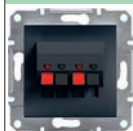
		RJ11	RJ45		
					
Type	Colour		Cat. 5e UTP	Cat. 5e STP	Cat. 6 UTP
Single	anthracite	EPH4100171	EPH4300171	EPH5000171	EPH4700171
	steel	EPH4100162	EPH4300162	EPH5000162	EPH4700162
	aluminium	EPH4100161	EPH4300161	EPH5000161	EPH4700161
	bronze	EPH4100169	EPH4300169	EPH5000169	EPH4700169
Terminals		Screw	IDC	IDC	IDC
		RJ11	RJ45		RJ45 + RJ12
					
Type	Colour		Cat. 5e UTP		Cat. 5e UTP
Double	anthracite	EPH4200171	EPH4400171	-	EPH4800171
	steel	EPH4200162	EPH4400162	-	EPH4800162
	aluminium	EPH4200161	EPH4400161	-	EPH4800161
	bronze	EPH4200169	EPH4400169	-	EPH4800169
Terminals		Screw	IDC	-	IDC

Loudspeaker outlets

Characteristics

- Cables: rigid cables
- Degree of protection: IP20

Double loudspeaker outlets



Terminals	Colour	
Screwless	anthracite	EPH5700171
	steel	EPH5700162
	aluminium	EPH5700161
	bronze	EPH5700169

Rotary dimmers

Common characteristics

- Rated voltage: 230 V AC 50 Hz
- Cables: 2 x 2.5 mm² rigid/flexible cables
- Operating temperature: +5°C to +35°C
- Degree of protection: IP 20
- Certification: FIMKO, NEMKO, SEMKO, TSE, VDE, UKR
- Quality mark: CE

600 VA, two-way switch



315 VA, two-way switch



Terminals	Colour		with locator lamp ⁽¹⁾	
Screw (Pillar type)	anthracite	EPH6400171	EPH6500171	EPH6600171
	steel	EPH6400162	EPH6500162	EPH6600162
	aluminium	EPH6400161	EPH6500161	EPH6600161
	bronze	EPH6400169	EPH6500169	EPH6600169
Others characteristics				
Short-circuit protection		Fuse F6, 3 AH - 250 V		Electronic
Loads				
	230 V AC incandescent lamps	40-600 W	40-600 W	20-315 W
	230 V AC halogen lamps	40-600 W	40-600 W	20-315 W
	LV halogen lamps with ferromagnetic transformer	40-600 VA	40-600 VA	-
	LV halogen lamps with electronic transformer	-	-	20-315 VA

⁽¹⁾ Locator lamp is under the rotary control button.

Cover frames

Characteristics

- Degree of protection: IP 20



1 gang



4 gang horizontal



2 gang horizontal



5 gang horizontal



3 gang horizontal



6 gang horizontal



2 gang vertical



3 gang vertical

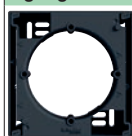
	1 gang	2 gang	3 gang	4 gang	5 gang	6 gang
Colour		Horizontal				
anthracite	EPH5800171	EPH5800271	EPH5800371	EPH5800471	EPH5800571	EPH5800671
steel	EPH5800162	EPH5800262	EPH5800362	EPH5800462	EPH5800562	EPH5800662
aluminium	EPH5800161	EPH5800261	EPH5800361	EPH5800461	EPH5800561	EPH5800661
bronze	EPH5800169	EPH5800269	EPH5800369	EPH5810369	EPH5800569	EPH5800669
Colour		Vertical				
anthracite	-	EPH5810271	EPH5810371	-	-	-
steel	-	EPH5810262	EPH5810362	-	-	-
aluminium	-	EPH5810261	EPH5810361	-	-	-
bronze	-	EPH5810269	EPH5810369	-	-	-

Surface-mounted boxes

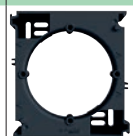
Characteristics

- Degree of protection: IP 20
- Installation: screwless+screw

1 gang



Extension multi-gang



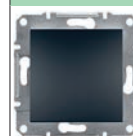
Colour		
anthracite	EPH6100171	EPH6100271
steel	EPH6100162	EPH6100262
aluminium	EPH6100161	EPH6100261
bronze	EPH6100169	EPH6100269

Blind covers

Characteristics

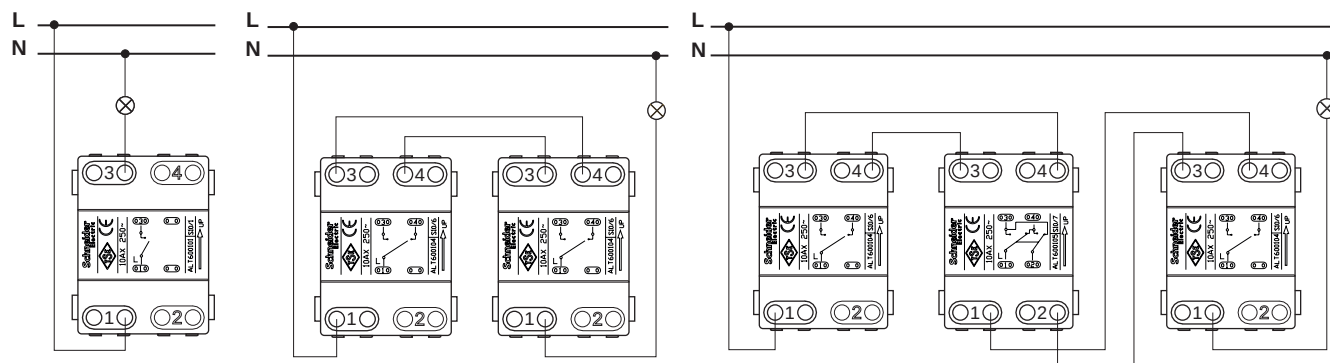
- Degree of protection: IP 20
- Installation: screwless + screw

Blind cover



Colour	
anthracite	EPH5600171
steel	EPH5600162
aluminium	EPH5600161
bronze	EPH5600169

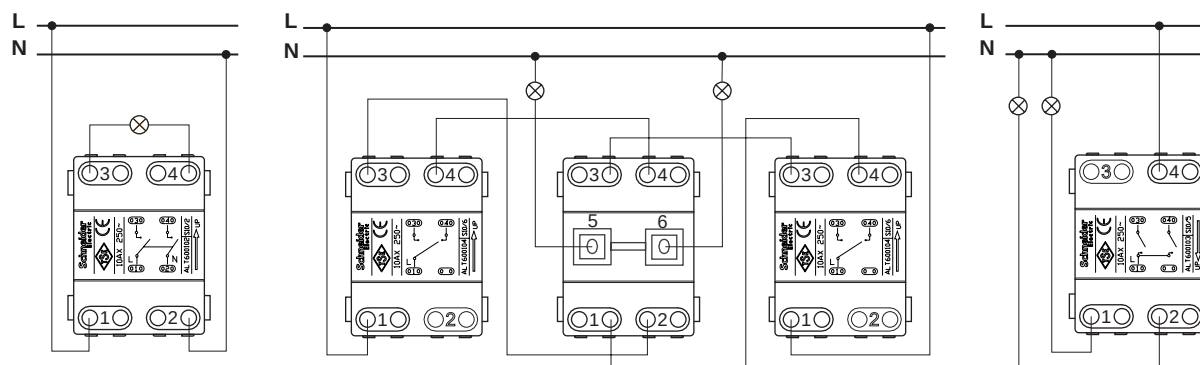
Connection examples



One-way switch

2 two-way switches

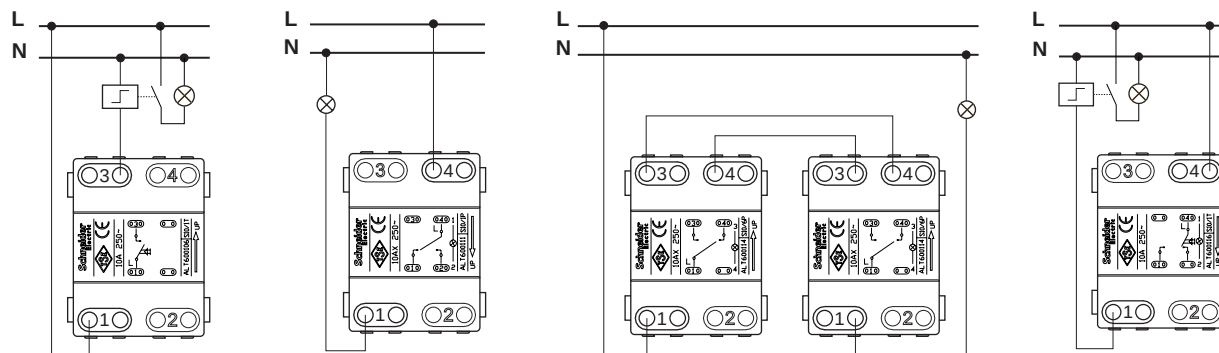
2 two-way switches + 1 intermediate switch



2-pole switch

2 two-way switches + 1 double two-way switch acting on two different loads

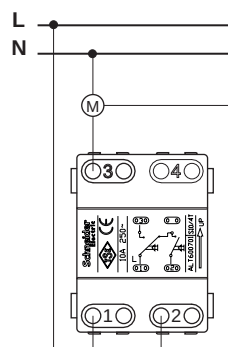
Two circuit switch



Push-button

One-way switch
with locator lamp

2 two-way switches with locator lamps

Push-button
with locator lamp

Roller blind push-button

Technical information

Dimmers

Rotary electronic dimmer

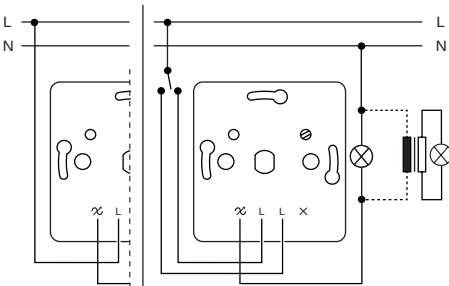
Installation

You must reduce the maximum allowed load due to the decreased heat dissipation when the device is not mounted into a single standard flushmounted mounting box.

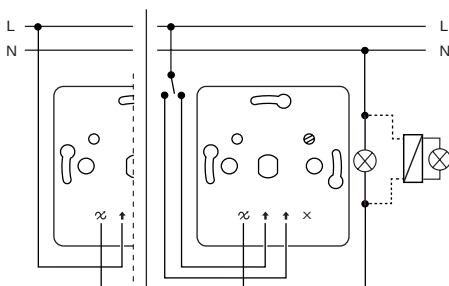
Load reduction by	Mounted in cavity walls *	Several installed together in combination *	In 1-gang or 2-gang surface-mounted housing	In 3-gang surface-mounted housing
25 %	■	■		
30 %			■	
50 %				■

* If several factors apply, add the load reductions together.

Connections

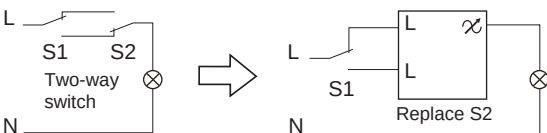
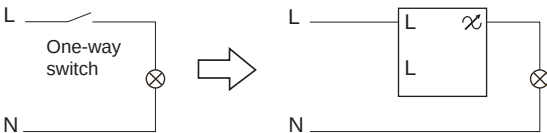


Two-way switches – EPH64001xx - EPH65001xx



Two-way switch – EPH66001xx

Substitution examples



Technical information

Antenna outlets

Type		TV			TV-R		
		Intermediate 1 dB	Intermediate 4 dB	Intermediate 8 dB	Ending 1 dB	Intermediate 4 dB	Intermediate 8 dB
		EPH32001xx	EPH32002xx	EPH32003xx	EPH33001xx	EPH33002xx	EPH33003xx
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

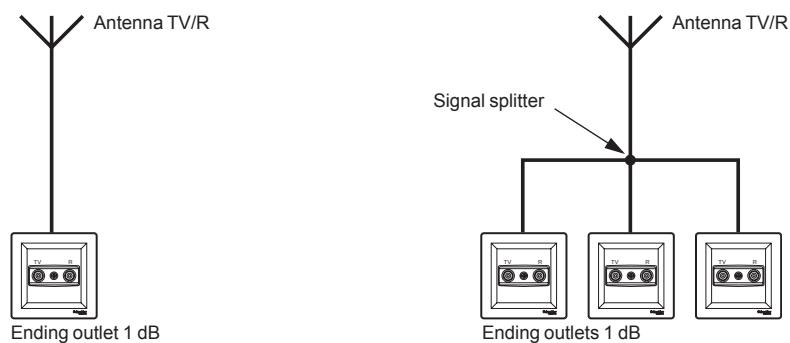
Type		TV-SAT				TV-R-SAT		
		Ending 1 dB	Intermediate 4 dB	Intermediate 8 dB	Individual 1 dB	Ending 1 dB	Intermediate 4 dB	Intermediate 8 dB
		EPH34001xx	EPH34002xx	EPH34003xx	EPH34004xx	EPH35001xx	EPH35002xx	EPH35003xx
Loss	dB	1	4	8	1	1	4	8
Operating Frequency	SAT MHz	950-2400	950-2400	950-2400	950-2400	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-SAT	SAT	
		Individual 1 dB	Ending 1 dB	Intermediate 4 dB
		EPH36004xx	EPH37001xx	EPH37002xx
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	-	10-108	10-108
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

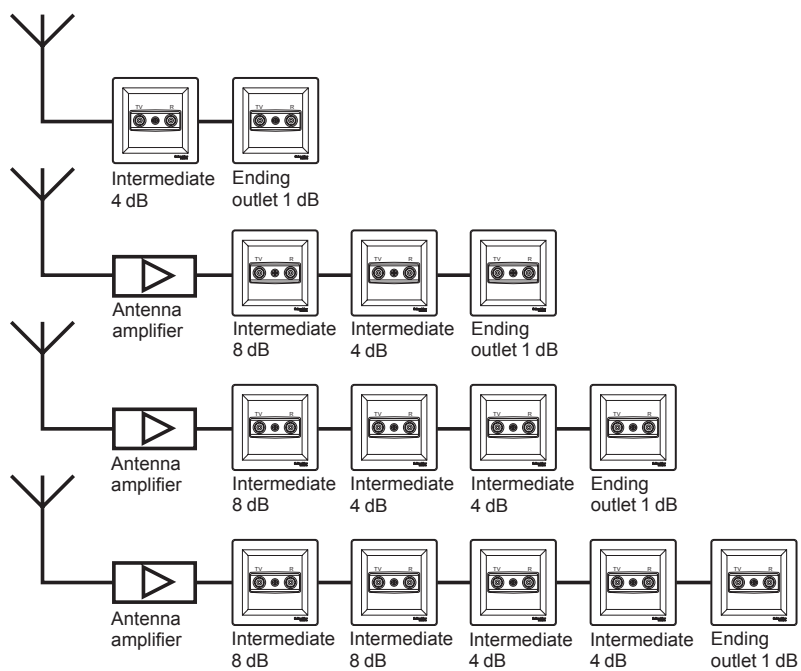
Only one of the outlets in "Ending TV / R outlet" can also be used as individual one.

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

TV/R applications

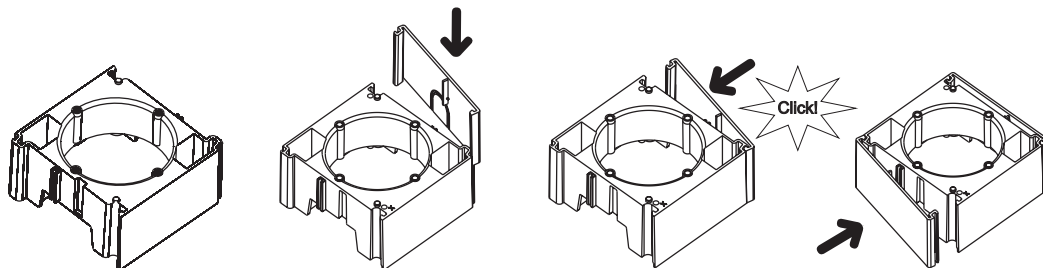


Linear installation inserts intermediate 4 dB, 8 dB and end of line 1 dB (always in the end)



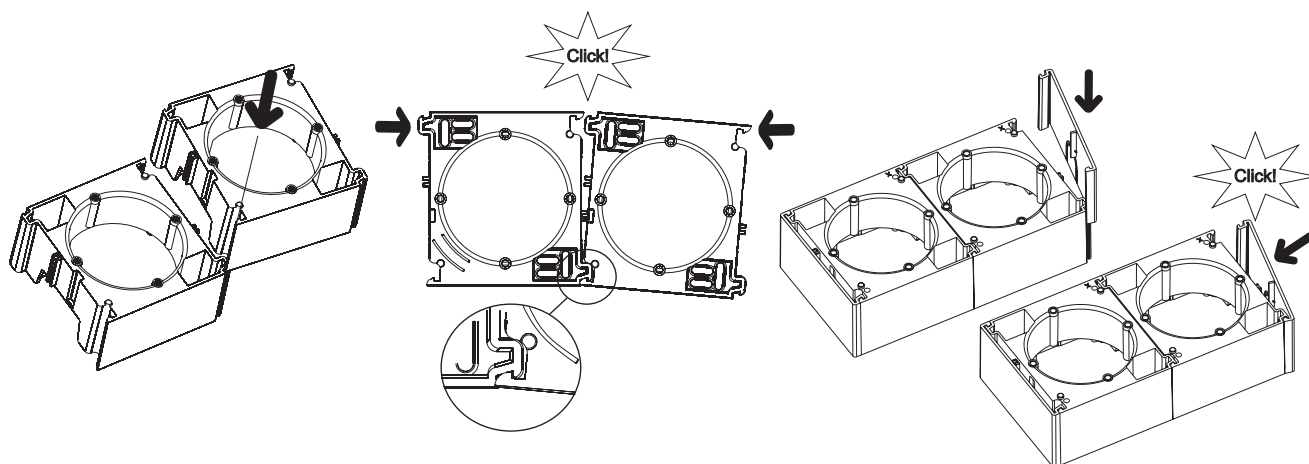
1 gang mounting

(EPH61001xx)

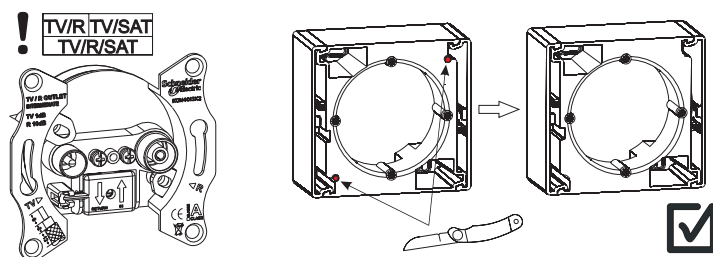


Multi-gang mounting

(EPH61001xx + EPH61002xx)

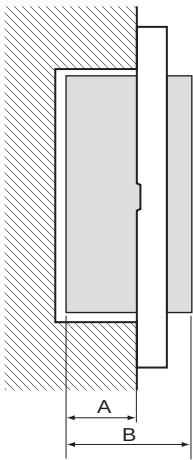


Mounting with TV/R, TV/SAT, TV/R/SAT outlets



Technical information

Dimensions



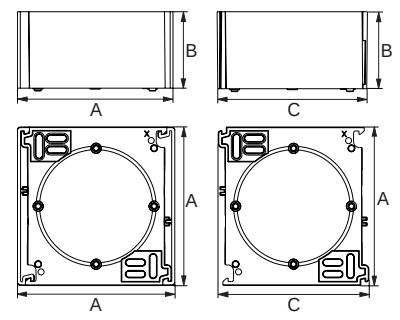
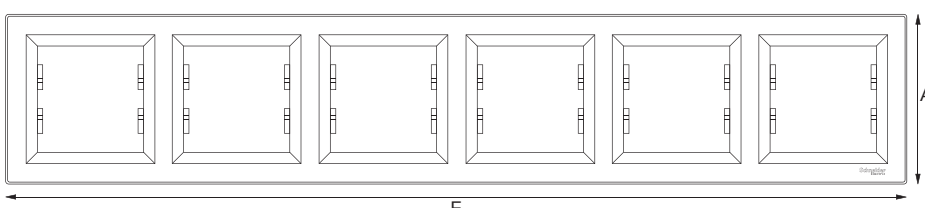
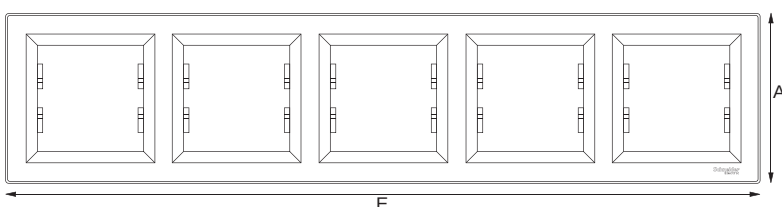
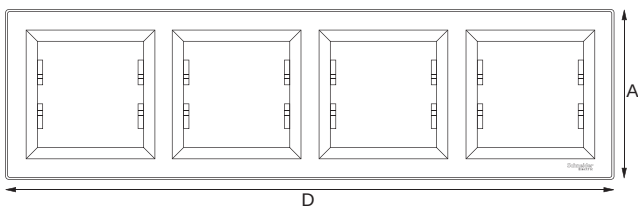
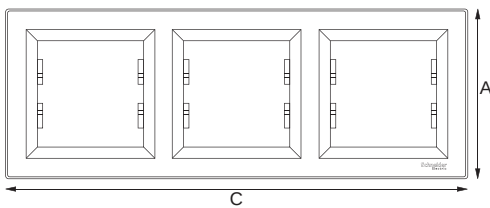
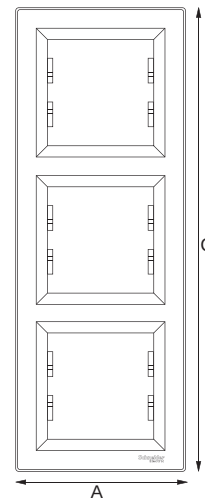
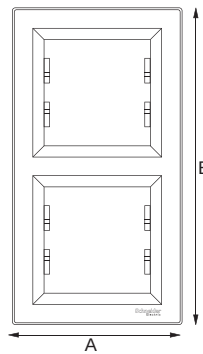
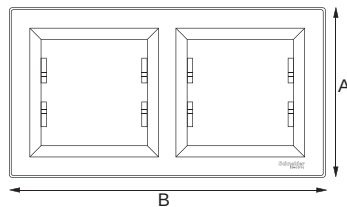
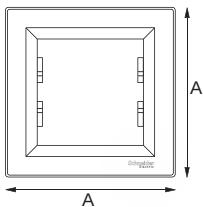
A: Embedding depth
B: Depth

Ref.	A: (mm)	B: (mm)
EPH01001xx	27	42
EPH01002xx	27	42
EPH01003xx	27	42
EPH02001xx	27	42
EPH02003xx	27	42
EPH03001xx	27	42
EPH03003xx	27	42
EPH04001xx	27	42
EPH04003xx	27	42
EPH04004xx	27	42
EPH05001xx	27	42
EPH05003xx	27	42
EPH06001xx	27	42
EPH06003xx	27	42
EPH07001xx	27	42
EPH08001xx	27	42
EPH08003xx	27	42
EPH09001xx	27	42
EPH11001xx	27	42
EPH11003xx	27	42

Ref.	A: (mm)	B: (mm)
EPH13001xx	27	42
EPH13003xx	27	42
EPH13005xx	27	42
EPH14001xx	27	42
EPH14003xx	27	42
EPH14303xx	27	42
EPH15001xx	27	42
EPH15003xx	27	42
EPH16001xx	27	42
EPH16003xx	27	42
EPH17001xx	27	42
EPH17003xx	27	42
EPH18001xx	27	42
EPH19003xx	27	42
EPH28001xx	32	42
EPH28002xx	32	42
EPH28003xx	31	48
EPH28004xx	32	42
EPH29001xx	32	42
EPH29002xx	32	42

Ref.	A: (mm)	B: (mm)
EPH29005xx	32	42
EPH30001xx	32	42
EPH31001xx	32	47
EPH31003xx	32	42
EPH32001xx	28	38
EPH32002xx	28	38
EPH32003xx	28	38
EPH33001xx	28	38
EPH33002xx	28	38
EPH33003xx	28	38
EPH34001xx	29	42
EPH34002xx	29	42
EPH34003xx	29	42
EPH34004xx	29	42
EPH35001xx	29	42
EPH35002xx	29	42
EPH35003xx	29	42
EPH36001xx	29	42
EPH37001xx	29	42
EPH37002xx	29	42

Ref.	A: (mm)	B: (mm)
EPH41001xx	29	38
EPH42001xx	29	38
EPH43001xx	27	36
EPH44001xx	27	36
EPH47001xx	27	36
EPH48001xx	27	36
EPH49001xx	27	36
EPH50001xx	39	48
EPH56001xx	26	35
EPH57001xx	26	43
EPH62001xx	29	52
EPH63001xx	29	52
EPH64001xx	29	49
EPH65001xx	29	49
EPH66001xx	29	49
EPH97001xx	23	46
EPH97002xx	23	46
EPH98001xx	23	46
EPH98002xx	23	46
EPH99001xx	23	46



Horizontal and vertical frames (mm)

1 gang	2 gang	3 gang	4 gang	5 gang	6 gang
A	B	C	D	E	F
83	154	225	296	367	439

Surface-mounted boxes (mm)

1 gang	Extension
A B	A B C
82 40	82 40 78

Reference number overview

Ref. page				
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