Wiring devices

Asfora

2015 catalogue



Schneider Electric

Contents

Presentation 4

Products with cover frame (white, cream)

Switches and push-buttons 6
Socket-outlets 8
Communication outlets 9
Dimmers. 10
Accessories 11

Products without cover frame (anthracite, steel, aluminium, bronze)

Switches and push-buttons 12
Socket-outlets 14
Communication outlets 15
Dimmers. 16
Accessories 17

Technical information

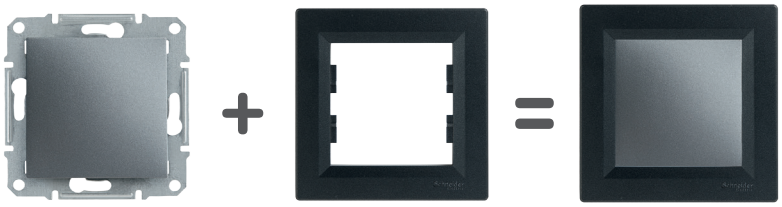
Switches and push-buttons 18
Dimmers. 19
Antenna outlets. 20
Surface-mounted boxes. 22
Dimensions 23

Reference number overview 24

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

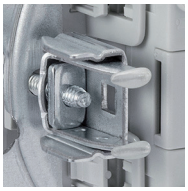
Safety first



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.

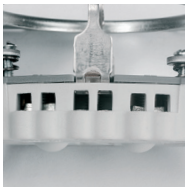
Quick and easy to install



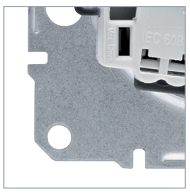
Wire releasers are easy to handle, making switches quick and easy to connect and disconnect.



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.

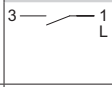
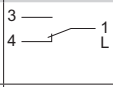
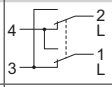
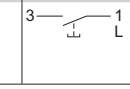
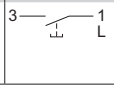
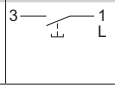


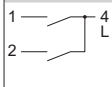
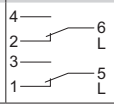
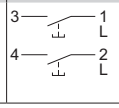
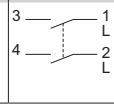
Mounting claws on outlets are long and strong to withstand hundreds of mounting and dismounting over time.

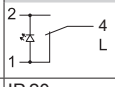
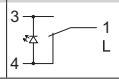
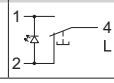
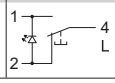
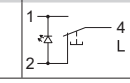
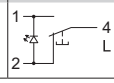
The Asfora range delivers the quality design and manufacturing you expect from Schneider Electric.

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

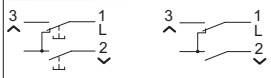
		1-pole						1-pole with pictogram	
									
		One-way switch		Two-way switch		Intermediate switch	Push-button	Push-button "bell"	Push-button "light"
									
Degrees of protection		IP 20	IP 44	IP 20	IP 44				
Rated current		10 AX					10 A		
Terminals	Colour								
Screwless	white	**EPH0100121**	**EPH0100221**	**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 shutters**	**Single with shutters and lid**	**Single with red center plate**	**Double CZ, SK standards**	**Double 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 lid**	**Single 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**

Products with cover frame
Communication outlets

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	Cat. 5e UTP
Double	white	**EPH4200121**	**EPH4400121**	-	**EPH4800121**	**EPH4900121**
	cream	**EPH4200123**	**EPH4400123**	-	**EPH4800123**	**EPH4900123**
Terminals		Screw	IDC	-	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.

Accessories

Cover frames

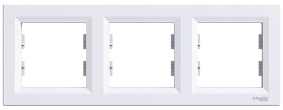
Characteristics
- Degree of protection: IP 20


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

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

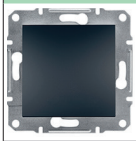
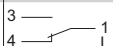
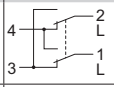
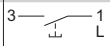
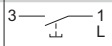
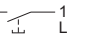
Blind covers

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

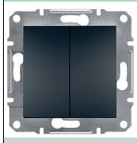
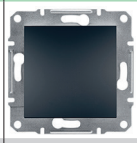
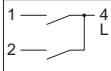
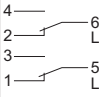
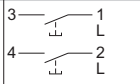
	Blind cover
	
Colour	
white	**EPH5600121**
cream	**EPH5600123**

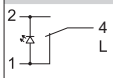
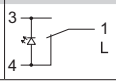
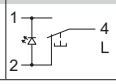
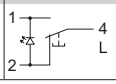
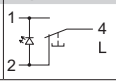
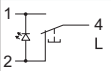
Products without cover frame
Switches and push-buttons

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**		

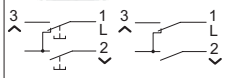
(1) Product with cover frame

		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)

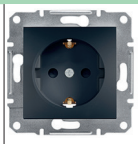
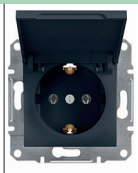






		Single	Single with shutters	Single with shutters and lid	Double CZ, SK standards	Double PL standard
Degrees of protection		IP 20		IP 44	IP 20	
Terminals	Colour					
Screw	anthracite	**EPH2800171**	**EPH2800271**	**EPH2800371** (1)	**EPH9800171** (1)	**EPH9800271** (1)
	steel	**EPH2800162**	**EPH2800262**	**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			IP 44	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)

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

Products without cover frame
Communication outlets

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

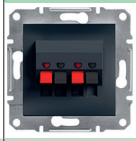
Common characteristics
- Degree of protection: IP 20

		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. 6 UTP	Cat. 5e UTP
Double	anthracite	**EPH4200171**	**EPH4400171**	-	**EPH4800171**	**EPH4900171**
	steel	**EPH4200162**	**EPH4400162**	-	**EPH4800162**	**EPH4900162**
	aluminium	**EPH4200161**	**EPH4400161**	-	**EPH4800161**	**EPH4900161**
	bronze	**EPH4200169**	**EPH4400169**	-	**EPH4800169**	**EPH4900169**
Terminals		Screw	IDC	-	IDC	IDC

Products without cover frame
Communication outlets - Dimmers

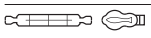
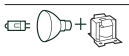
Loudspeaker outlets

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

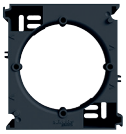


3 gang vertical

	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**	-	-	-

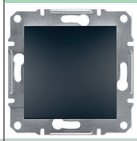
Surface-mounted boxes

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

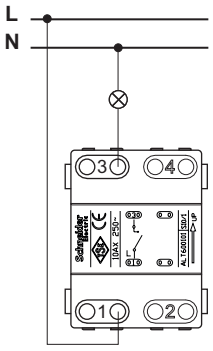
	1 gang	Extension multi-gang
		
Colour		
anthracite	**EPH6100171**	**EPH6100271**
steel	**EPH6100162**	**EPH6100262**
aluminium	**EPH6100161**	**EPH6100261**
bronze	**EPH6100169**	**EPH6100269**

Blind covers

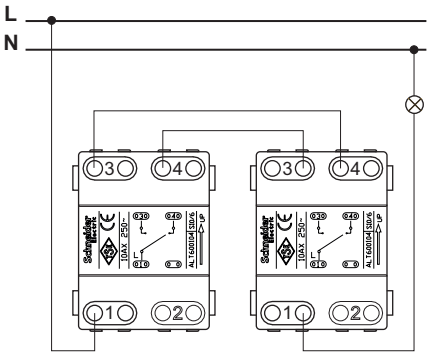
Characteristics
- Degree of protection: IP 20
- Installation: screwless + screw

	Blind cover
	
Colour	
anthracite	**EPH5600171**
steel	**EPH5600162**
aluminium	**EPH5600161**
bronze	**EPH5600169**

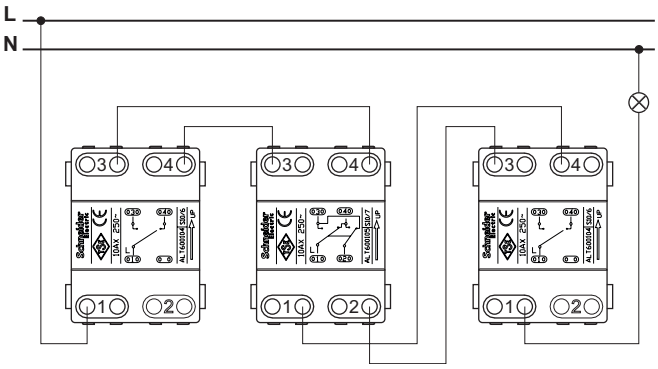
Connection examples



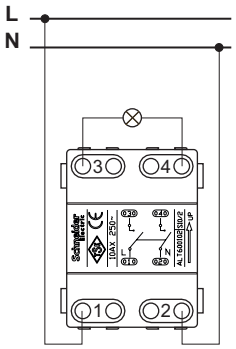
One-way switch



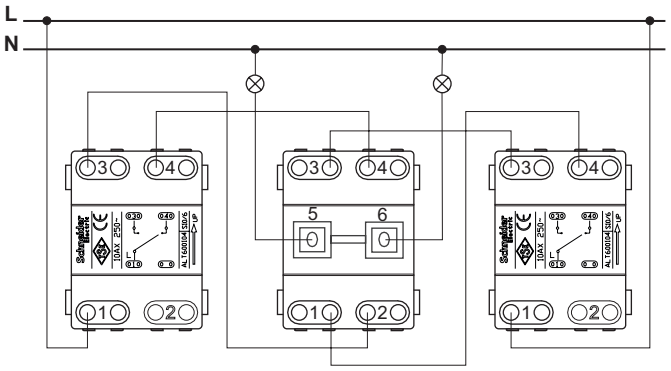
2 two-way switches



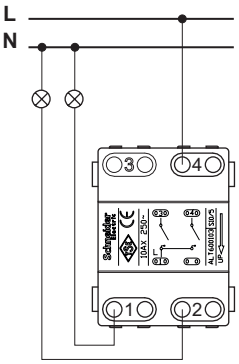
2 two-way switches + 1 intermediate switch



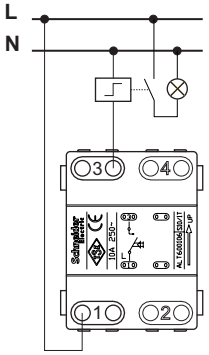
2-pole switch



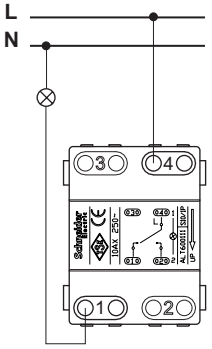
2 two-way switches + 1 double two-way switch acting on two different loads



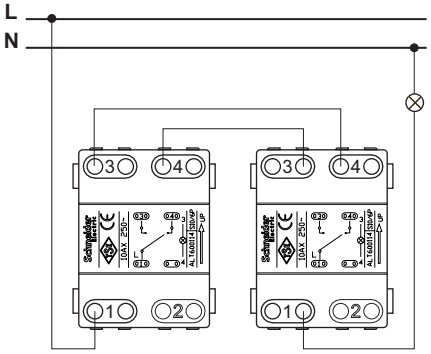
Two circuit switch



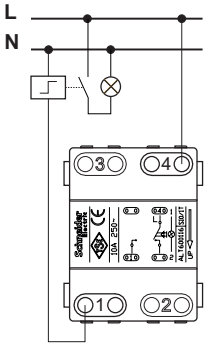
Push-button



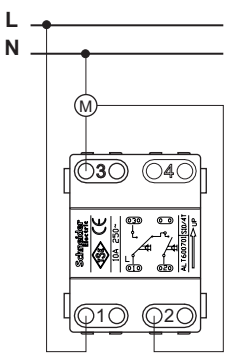
One-way switch
with locator lamp



2 two-way switches with locator lamps



Push-button
with locator lamp



Roller blind push-button

Rotary electronic dimmer

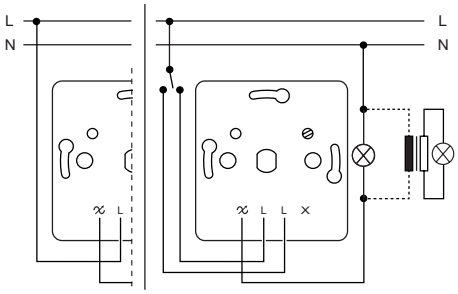
Installation

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.

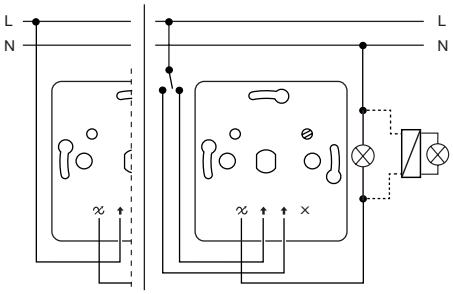
Load reduction by	Mounted in cavity walls *	Several installed together in combination *	In 1-gang or 2-gang surface-mounted housing	In 3-gang surface-mounted housing
25 %	■	■		
30 %			■	
50 %				■

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

Connections

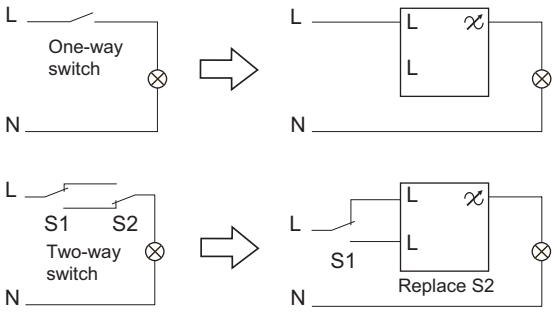


Two-way switches – **EPH64001xx - EPH65001xx**



Two-way switch – **EPH66001xx**

Substitution examples



Technical information
Antenna outlets

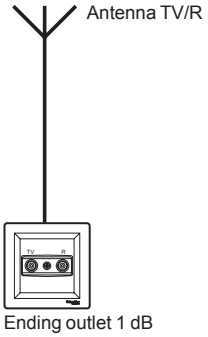
Type			TV			TV-R		
			Intermediate 1 dB	Intermediate 4 dB	Intermediate 8 dB	Ending 1 dB	Intermediate 4 dB	Intermediate 8 dB
			EPH32001xx	**EPH32002xx**	**EPH32003xx**	**EPH33001xx**	**EPH33002xx**	**EPH33003xx**
Loss		dB	1	4	8	1	4	8
Operating Frequency	SAT	MHz	-	-	-	-	-	-
	TV/VHF		5-862	5-862	5-862	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 atenuation		dB	1	4	8	0.5	0.5	0.5
DC Current			-	-	-	-	-	-
Outlets/line			-	-	-	1	4	4

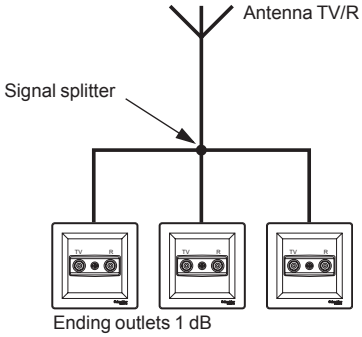
Type			TV-SAT				TV-R-SAT		
			Ending 1 db	Intermediate 4 dB	Intermediate 8 dB	Individual 1 dB	Ending 1 db	Intermediate 4 dB	Intermediate 8 dB
			EPH34001xx	**EPH34002xx**	**EPH34003xx**	**EPH34004xx**	**EPH35001xx**	**EPH35002xx**	**EPH35003xx**
Loss		dB	1	4	8	1	1	4	8
Operating Frequency	SAT	MHz	950-2400	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 atenuation		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 atenuation		dB	-	-	0.5
DC Current			in SAT outlet	in SAT outlet	in SAT outlet
Outlets/line			1	1	4

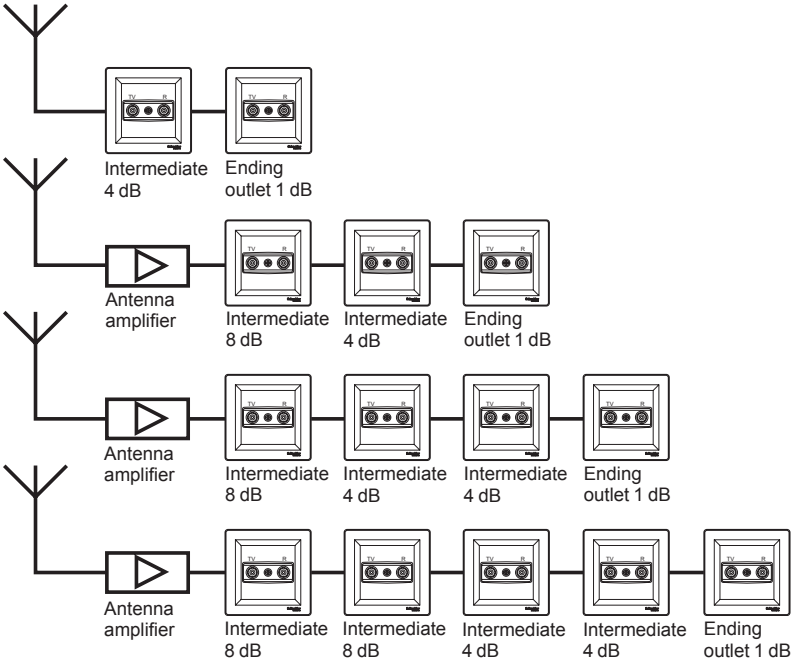
Only one of the outlets in "Ending TV / R outlet" can also be used as individual one.
Only the cable connected outlet in "Individual TV / SAT outlet" can be used as ending one in linear installation.

TV/R applications



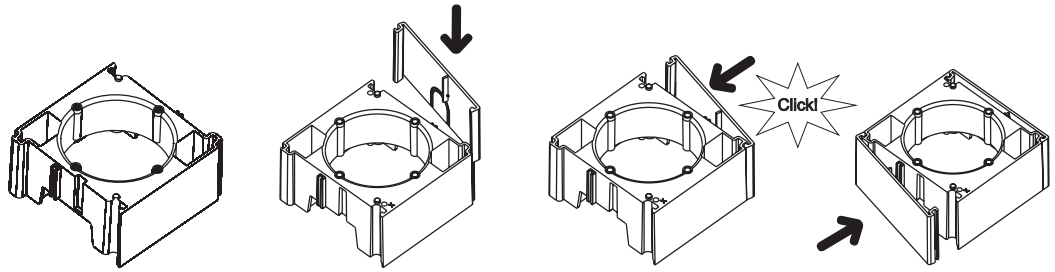


Linear installation inserts intermediate 4 dB, 8 dB and end of line 1 dB
(always in the end)



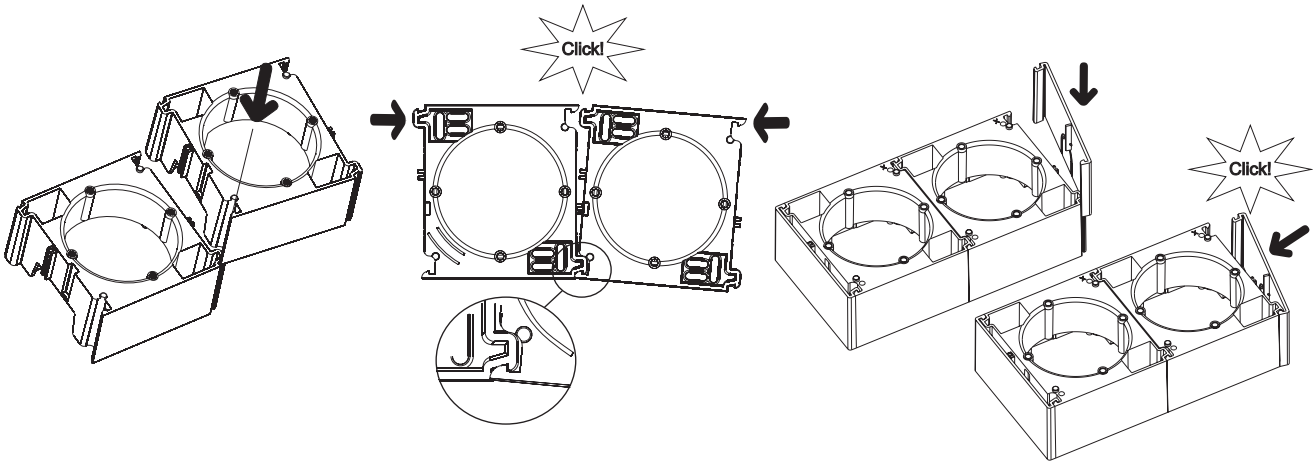
1 gang mounting

(EPH61001xx)

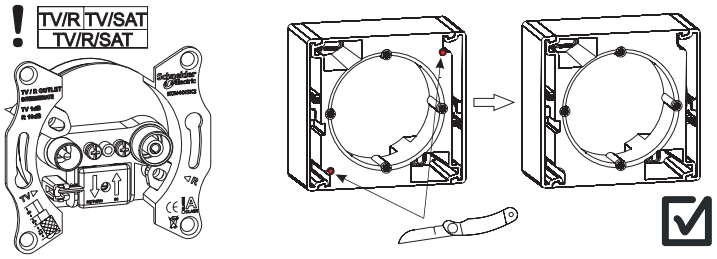


Multi-gang mounting

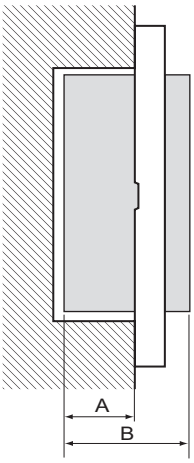
(EPH61001xx + EPH61002xx)



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



Technical information
Dimensions



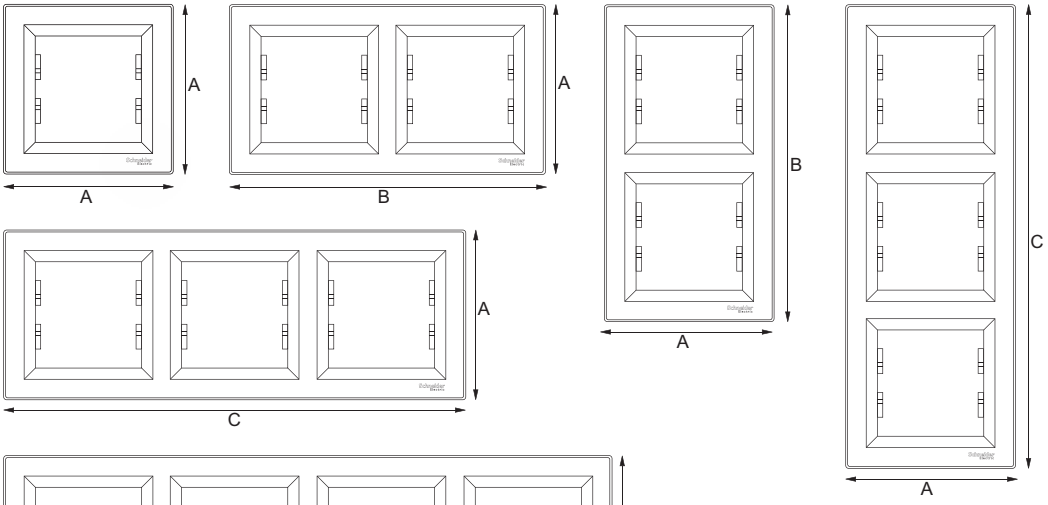
A: Embedding depth
B: Depth

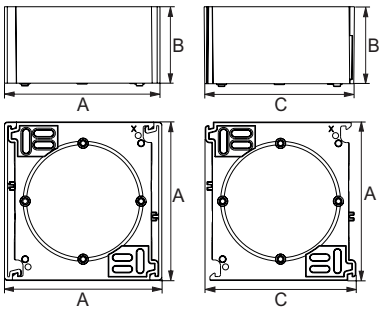
Ref.	**A**: (mm)	**B**: (mm)
EPH01001xx	27	42
EPH01002xx	27	42
EPH01003xx	27	42
EPH02001xx	27	42
EPH02003xx	27	42
EPH03001xx	27	42
EPH03003xx	27	42
EPH04001xx	27	42
EPH04003xx	27	42
EPH04004xx	27	42
EPH05001xx	27	42
EPH05003xx	27	42
EPH06001xx	27	42
EPH06003xx	27	42
EPH07001xx	27	42
EPH08001xx	27	42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

EPH0100121 6
EPH0100123 6
EPH0100161 12
EPH0100162 12
EPH0100169 12
EPH0100171 12
EPH0100221 6
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