

Service post **50**

Service post 50

For supply of workstations from the floor in open-plan rooms

- Flexible volumes enabled to properly lodge the required switches and sockets
- within a minimum of space, fitting well with the furniture distribution.
- Innovative, functional and minimalist design, created to coexist with all kinds of settings.
- Solid and safe structures, easy to instal and to relocate.

Raw material



Safety

Electrical



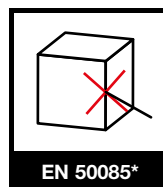
- Insulating material
- No earthing required

Mechanical:



- **IK07**

Protection degree:



- **IP4X**

In front of fire:



- Glow-wire test at **960 °C**
- Non-flame propagator
- Reaction to fire, Class **M1** acc./ UNE 23727 and NFP 92507

Quality marks



Conformity declaration



Service post 50 ►

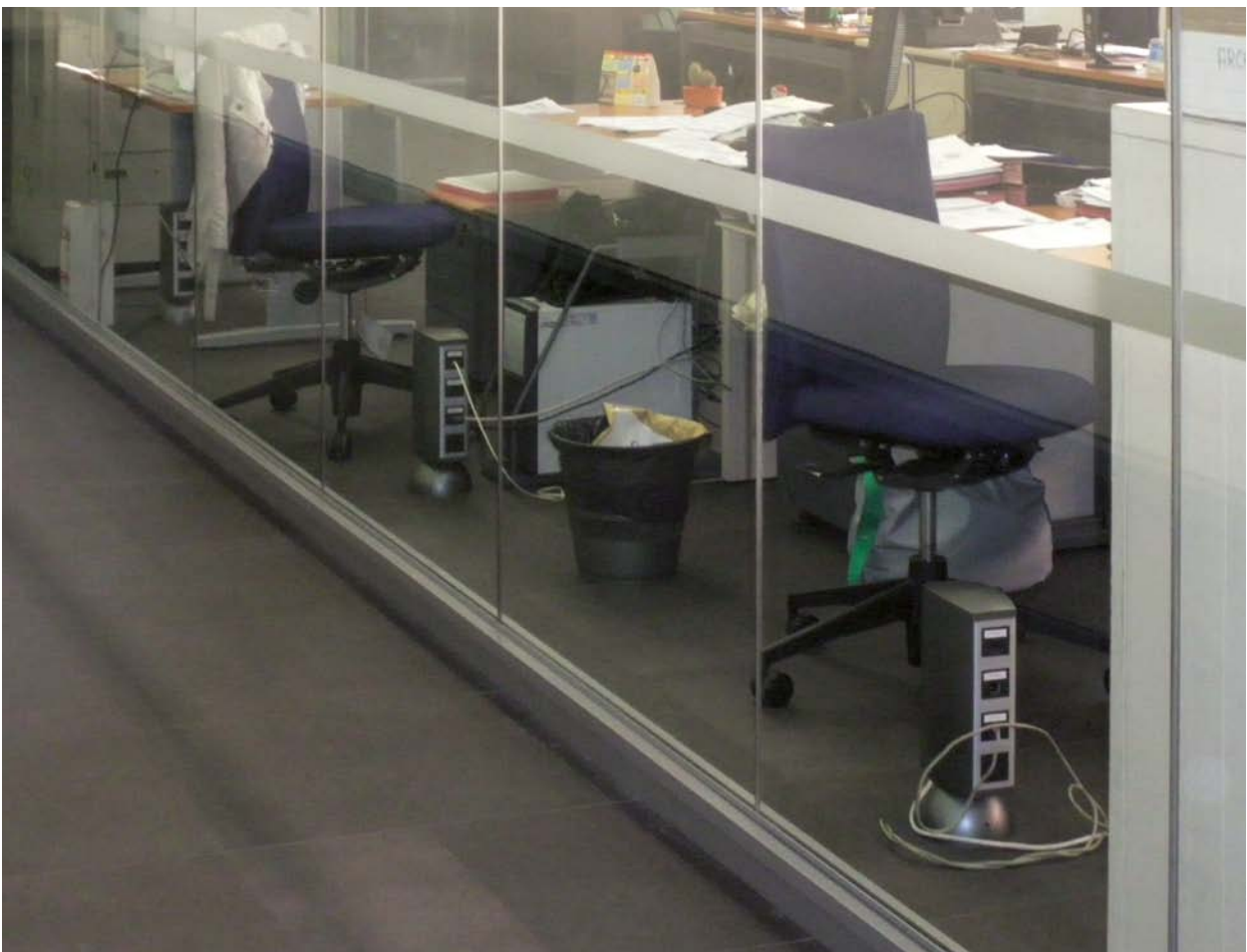
□ Grey RAL 7035

■ Anthracite

See updated information of each part number on www.unex.net

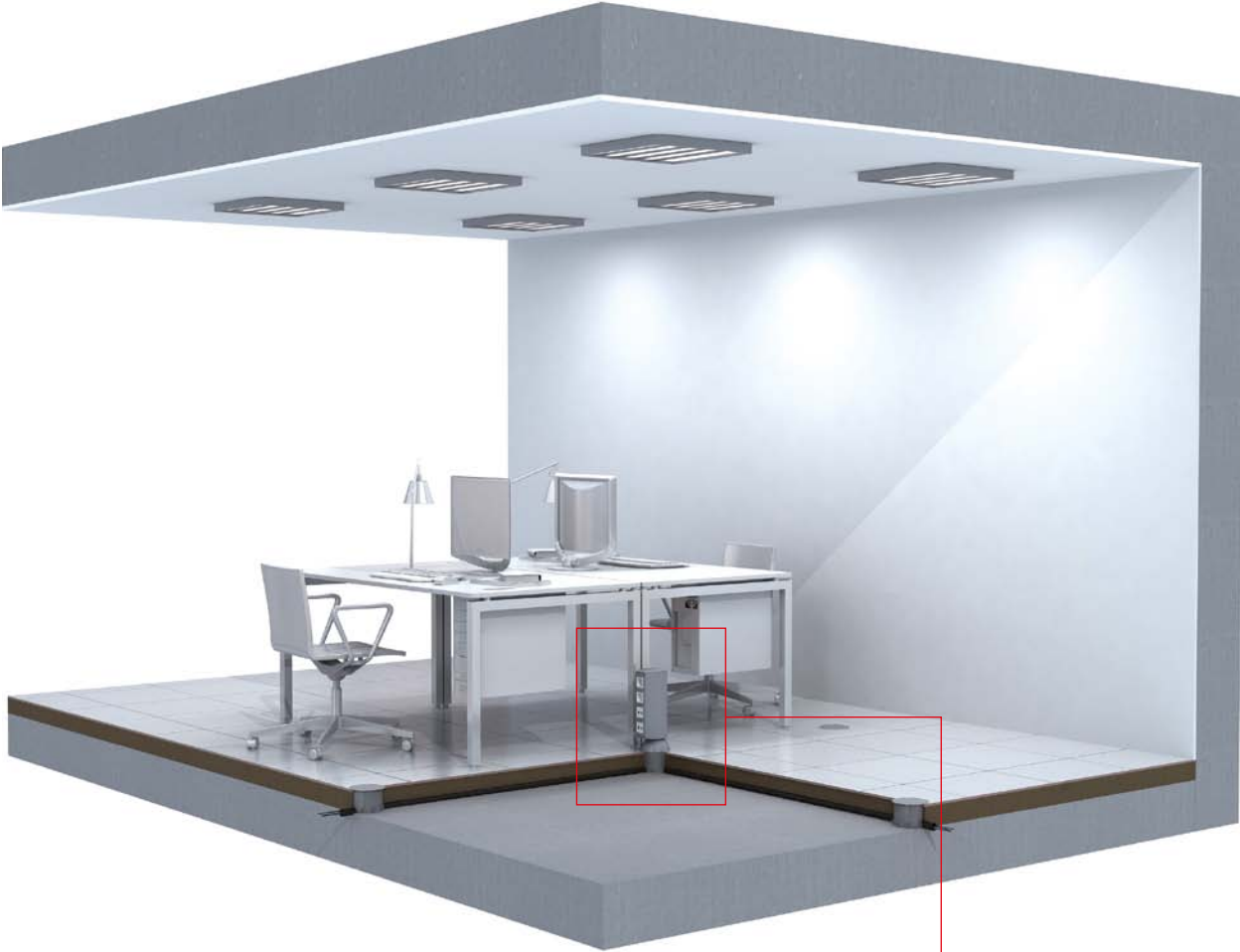




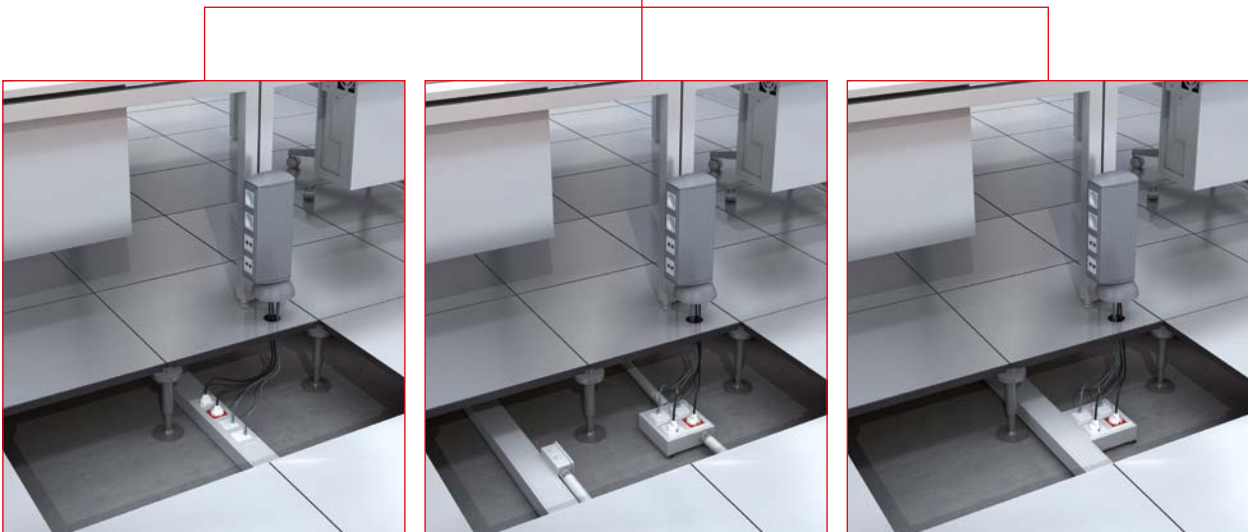


Supply options

From the floor



From technical floor



Free choice and composition of switches and socket outlets

Two sizes of service posts and two sizes of pole's socket boxes, adapted to all types of switches and sockets:

Socket box 65 mm

45x45
x4
65

PLATES FOR DATA CONNECTORS

- Flat faceplate RJ45.
- Angled faceplate RJ45.

MODULAR

- ABB-Zenit*
- Simon* 27
- Mosaic*
- Simon Connect* K45 (compatible with Mosaic*)
- Eunea Unica*
- BJC*, Sol

MODULAR DOUBLE

- Mosaic*.
- Simon Connect* K45 (compatible with Mosaic*)
- Eunea Unica*

DIN (BIPOLAR)

- MCB's (Miniature circuit breakers)
- RCD's (Residual current devices)

Socket box 80 mm

UNIV CEE7
(1)
80

PLATES FOR DATA CONNECTORS

- Flat faceplate RJ45.
- Angled faceplate RJ45.

UNIVERSEL (CEE 7) (1)

MODULAR

- ABB-Zenit*
- Simon* 27
- Mosaic*
- Simon Connect* K45 (compatible with Mosaic*)
- Eunea Unica*
- BJC*, Sol

MODULAR DOUBLE

- 500CIMA.
- Mosaic*.
- Simon Connect* K 45 (compatible with Mosaic*)
- Eunea Unica*

MODULAR TRIPLE

- Mosaic*.

MODULAR 25 (american) (1)

- Bticino*.
- Unica-Allegro* (3 modules).
- Gewiss*.

DIN (BIPOLAR)

- MCB's (Miniature circuit breakers)
- RCD's (Residual current devices)

Mounting of 5 modular outlets in a socket box 80mm

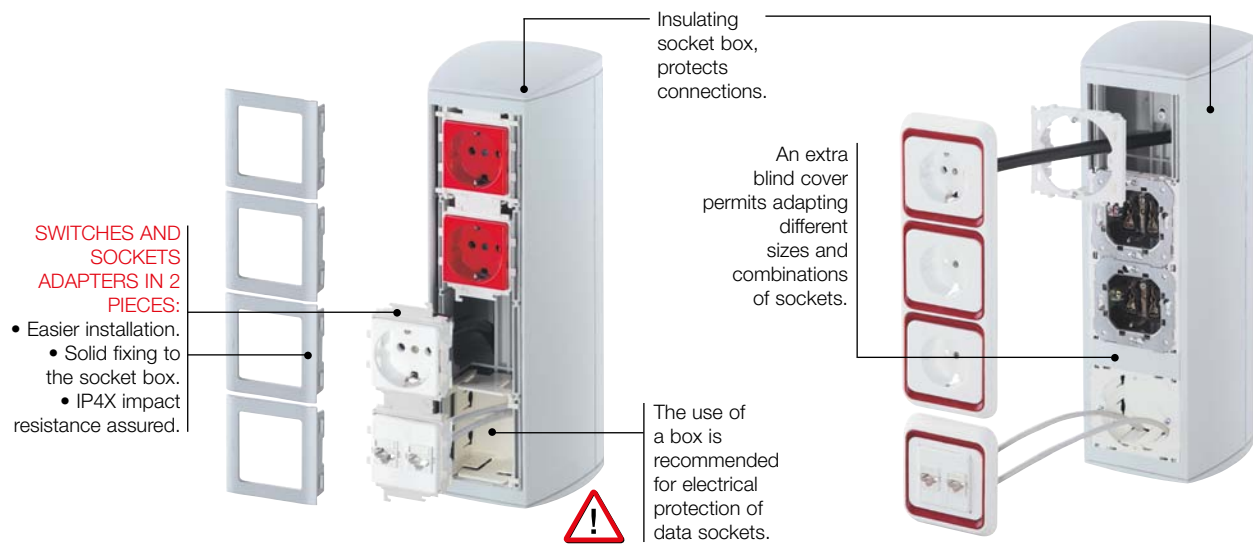
1 triple adapter +
2 simple adapters

1 triple adapter +
1 double adapter

Reduced stock of fittings. Same adapters for several product families: Trunking 93, Modular box 85, Service pole 50, Service post 50 and Furniture supply 51.

(1) It is not possible to mount 4 simple adapters; possible combinations: 1+3, 2+2, or 1 adapter for 4 outlets.

Easy mounting of switches and sockets



A system adapted to each workstation



**One-face service post
4 outlets in colour:**

- Grey RAL 7035.
- Anthracite.

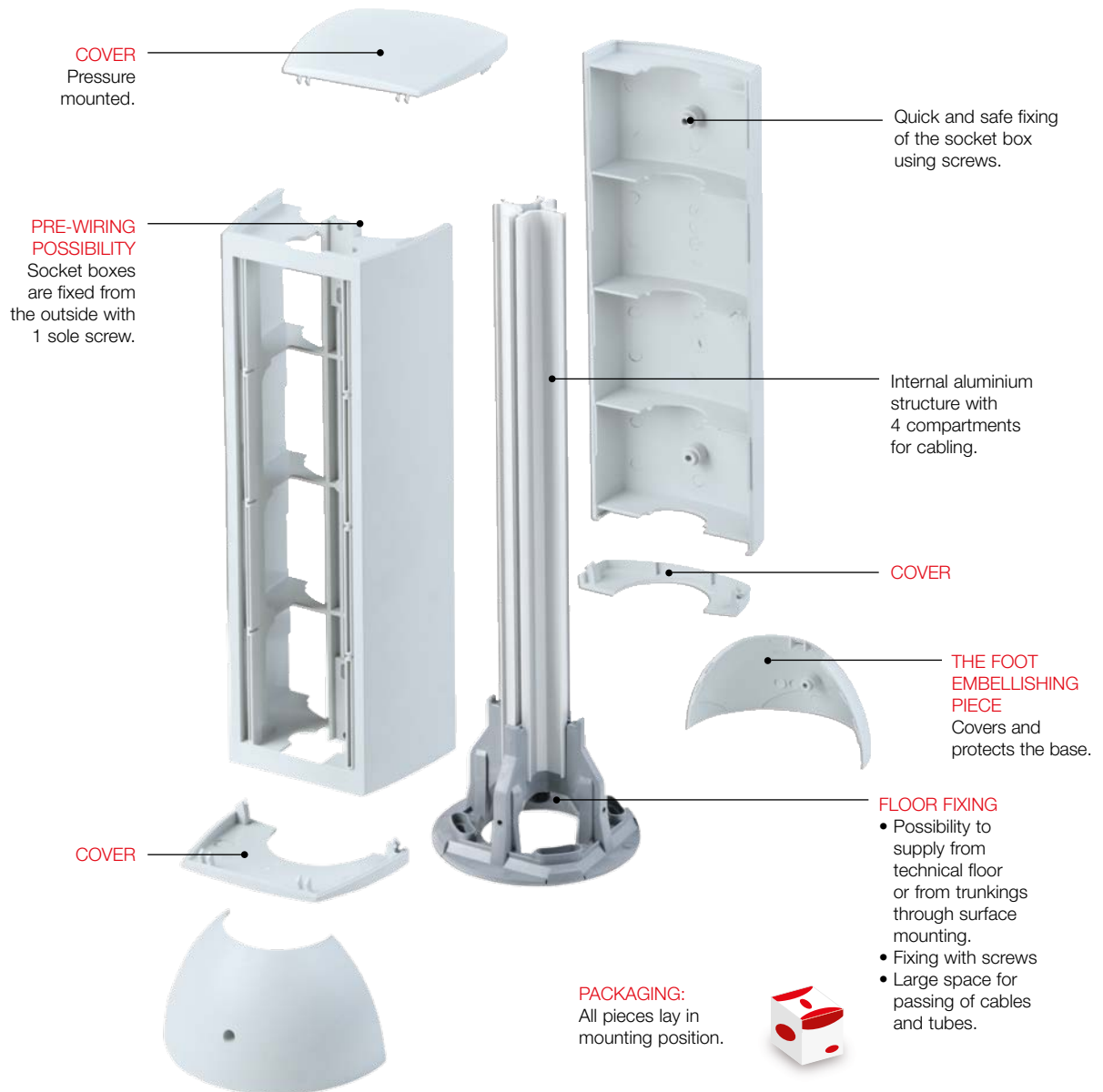
**Two-face service post
8 outlets in colour:**

- Grey RAL 7035.
- Anthracite.

**Two-face service post
16 outlets in colour:**

- Grey RAL 7035.

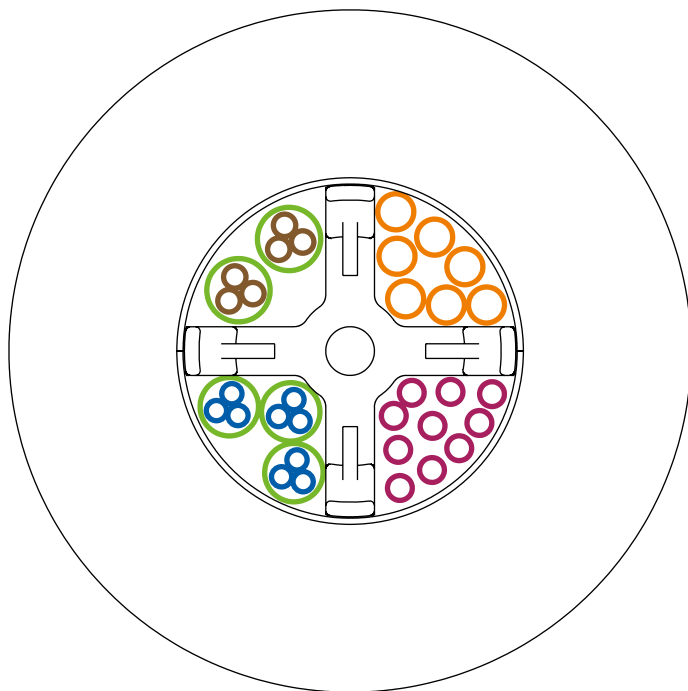
Easy and comfortable mounting



Useful cross-sections for wiring

Wiring example

Service post



Useful cross-section = 558 mm²

Data cable:

- 7 pcs. cable STP 4 pairs. Maximum Ø 7,4 mm.
- 10 p. UTP 4 pairs. Maximum Ø 5,1 mm.

Power cable:

- ⊗ 2 pcs. 0,6/1kV RV-K 3G2,5. Maximum Ø 13 mm.
- ⊗ 3 pcs. 0,6/1kV RV-K 3G2,5. Maximum Ø 12 mm.

Common cable cross-sections

Pairs and coaxial cables

	Cable type	External diameter (mm)	Section (mm ²)
Telephone	1 pair EV 0,51 mm	3,7	13,7
	2 pairs EV 0,51 mm	4	16,0
Data	UTP 4 pairs Clase D/Cat. 5e	5,1	26,0
	FTP 4 pairs Clase D/Cat. 5e	6,2	38,4
	STP 4 pairs Clase D/Cat. 5e	6,5	42,3
	UTP 4 pairs Clase E/Cat. 6	6,4	41,0
	FTP 4 pairs Clase E/Cat. 6	7,2	51,8
	STP 4 pairs Clase E/Cat. 6	7,4	54,8
TV	Coaxial 75 Ohm	7	49,0

Service post 50 in **U24X**

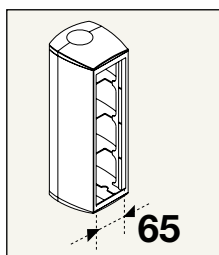
Service post 50		Switches and sockets width (mm)	65	80
		Grey RAL 7035 (Part no. 50xxx) <input type="checkbox"/>		
		Anthracite (Part no. 51xxx-05) <input type="checkbox"/>		
1		Service post 4 outlets To install 4 switches and sockets	50623	50624
			50623-05	50624-05
2		Service post 8 outlets To install 4 switches and sockets on each side	50723	50724
			50723-05	50724-05
3		Service post 16 outlets To install 8 switches and sockets on each side	50743	50744
		To mount switches and sockets	Essential to mount switches and sockets (see tables pages 285-288)	

Mounting of Service Post on Floor Box 52 in U24X (see product family Floor Box 52)			
4		Floor box	52802

Flexible runway adapters in U24X (See Furniture supply 51)				
		Switches and sockets width (mm)	65	80
		White RAL 9010 (Part no. 51xxx-2) <input type="checkbox"/>		
		Aluminium colour RAL 9006 (Part no. 51xxx-03) <input type="checkbox"/>		
5		Modular adapter for flexible runway	51623-2	51624-2
			51623-03	51624-03

See next page

Adapters for service posts socket boxes 65 mm width



Service post 4 outlets	Service post 8 outlets	Service post 16 outlets
50623 50623-05	50723 50723-05	50743

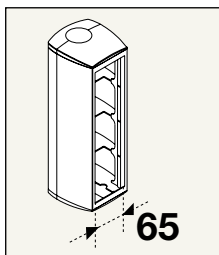
- White RAL 9010 (Part no. 93xxx-2)
- Aluminium colour RAL 9006 (Part no. 93xxx-03)

		Type of adapter	
		Simple adapter	Double adapter
Number of outlets for each adapter		1	2
Mounting possibilities		 1 simple adapter	2 simple adapters 1 double adapter
Plate RJ45		7 93751-2 (1) 93751-03 (Flat faceplate)	
		8 93753-2 (2) 93753-03 (Angled faceplate)	
ABB-Zenit*		9 93635-2 93635-03	
BJC* Sol		9 93663-2 93663-03	
Simon* 27		9 93621-2 93621-03	
Socket boxes		15 93713	93718
		16	

(1) Compatible with RJ45 Systimax solutions and universal type Keystone (AMP, Krone, Nexans, Jetlan, Belden, Brand-Rex and Openet ICS)
 (2) Compatible with RJ45 universal type Keystone (AMP, Krone, Nexans, Jetlan, Belden, Brand-Rex and Openet ICS)

See next page

Adapters for service posts socket boxes 65 mm width



Service post 4 outlets	Service post 8 outlets	Service post 16 outlets
50623 50623-05	50723 50723-05	50743

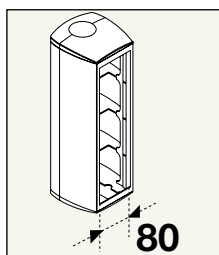
- White RAL 9010 (Part no. 93xxx-2)
- Aluminium colour RAL 9006 (Part no. 93xxx-03)

			Type of adapter																					
			Simple adapter	Double adapter																				
Number of outlets for each adapter			1	2																				
Mounting possibilities			 1 simple adapter	2 simple adapters 1 double adapter																				
Simon Connect* K45		9	93608-2 93608-03	93613-2 93613-03																				
		10			Mosaic* and compatible		9	93608-2 93608-03	93613-2 93613-03	10	Eunea Unica*		9	93653-2 93653-03	93656-2 93656-03	10	Din (3)		13		93648-2 93648-03	Socket boxes		15
Mosaic* and compatible		9	93608-2 93608-03	93613-2 93613-03																				
		10			Eunea Unica*		9	93653-2 93653-03	93656-2 93656-03	10	Din (3)		13		93648-2 93648-03	Socket boxes		15	93713	93718		16		
Eunea Unica*		9	93653-2 93653-03	93656-2 93656-03																				
		10			Din (3)		13		93648-2 93648-03	Socket boxes		15	93713	93718		16								
Din (3)		13		93648-2 93648-03																				
Socket boxes		15	93713	93718																				
		16																						

(3) In electrical outlets DIN the box is necessary to fix the outlet to the trunking.

See next page

Adapters for the service pole's socket boxes 80 mm width



Service post 4 outlets	Service post 8 outlets	Service post 16 outlets
50624 50624-05	50724 50724-05	50744

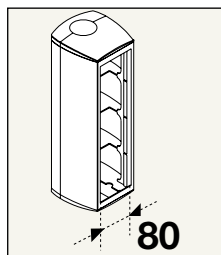
- White RAL 9010 (Part no. 93xxx-2)
- Aluminium colour RAL 9006 (Part no. 93xxx-03)

		Type of adapter					
		Simple adapter	Double adapter		Triple adapter		
Number of outlets for each adapter		1	2		3		
Mounting possibilities		 1 simple adapter	 2 simple adapters	 1 double adapter	 2 simple adapters	 1 double + 1 simple adapter	 1 triple adapter
Universal (3)		6 93604					
		14 93709					
Plate RJ45		7 93752-2 (1) 93752-03 (Flat faceplate)					
		8 93754-2 (2) 93754-03 (Angled faceplate)					
ABB-Zenit*		9 93636-2 93636-03					
BJC* Sol		9 93664-2 93664-03					
Socket boxes		15					
		16 93714		93719		93729	(divider Part no. 93720 is included)
		17					

(1) Compatible with RJ45 Systemax solutions and universal type Keystone (AMP, Krone, Nexans, Jetlan, Belden, Brand-Rex and Openet ICS)
 (2) Compatible with RJ45 universal type Keystone (AMP, Krone, Nexans, Jetlan, Belden, Brand-Rex and Openet ICS)
 (3) Frames shall be supplied by the socket manufacturer. We recommend frames with straight corners.

See next page

Adapters for the service pole's socket boxes 80 mm width



Service post 4 outlets	Service post 8 outlets	Service post 16 outlets
50624 50624-05	50724 50724-05	50744

- White RAL 9010 (Part no. 93xxx-2)
- Aluminium colour RAL 9006 (Part no. 93xxx-03)

		Type of adapter					
		Simple adapter		Double adapter		Triple adapter	
Number of outlets for each adapter		1		2		3	
Mounting possibilities		 1 simple adapter		 2 simple adapters		 1 double adapter	
		 2 simple adapters		 1 double + 1 simple adapter		 1 triple adapter	
Simon* 27		9	93622-2 93622-03				
500CIMA		10		93641-2 93641-03			
Simon Connect* K45		9					
		10	93609-2 93609-03	93614-2 93614-03	93619-2 93619-03		
		11					
Mosaic* and compatible		9	93609-2 93609-03	93614-2 93614-03	93619-2 93619-03		
		10					
		11					
Eunea Unica*		9	93654-2 93654-03	93657-2 93657-03			
		10					
Modular 25		12		93644-2 93644-03			
Din (4)		13		93649-2 93649-03			
Socket boxes		15					
		16	93714	93719 (divider Part no. 93720 is included)	93729 (divider Part no. 93720 is included)		
		17					

(3) Frames shall be supplied by the socket manufacturer. We recommend frames with straight corners.

(4) In electrical outlets DIN the box is necessary to fix the outlet to the trunking.

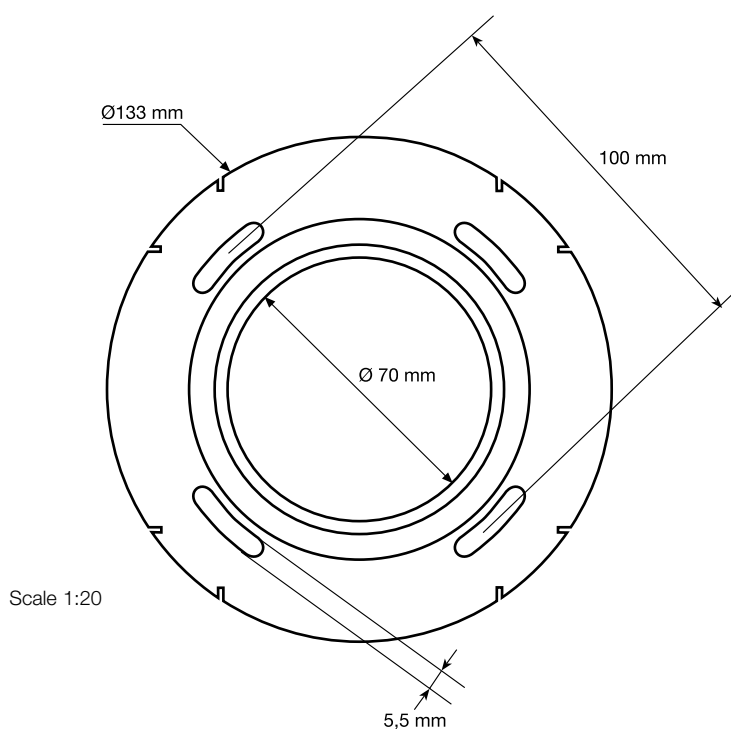
Sizes (mm)


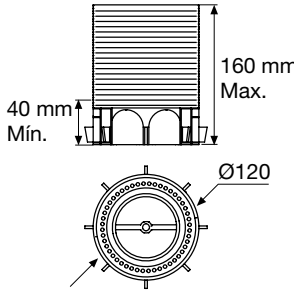

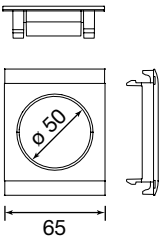

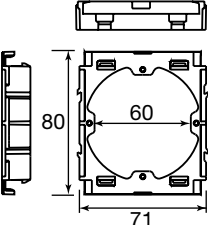
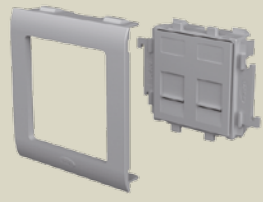
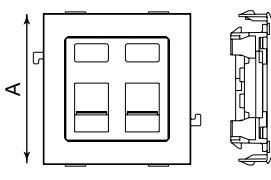
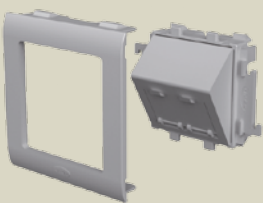
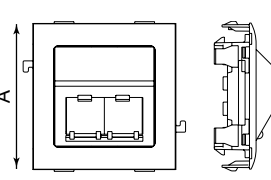
1. Service post 4 outlets		Part no.	Colours		Sizes mm		Pack
		Grey RAL 7035	Anthracite	A	H	pc.	
		50623	50623-05	65	377	1	
		50624	50624-05	80	433	1	
		Material: U24X					

2. Service post 8 outlets		Part no.	Colours		Sizes mm		Pack
		Grey RAL 7035	Anthracite	A	H	pc.	
		50723	50723-05	65	377	1	
		50724	50724-05	80	433	1	
		Material: U24X					

3. Service post 16 outlets		Part no.	Colours		Sizes mm		Pack
		Grey RAL 7035	Anthracite	A	H	pc.	
		50743	50743-05	65	657	1	
		50744	50744-05	80	765	1	
		Colour: Grey RAL 7035	Material: U24X				

Sizes for fixing of service posts



4. Floor box		Part no.	Application service post	Pack	
		52802	50623 50624 50723 50724 50743 50744	4	
		Material: U24X			
Note: Minimum height to mount the floor box: 40mm					
5. Modular adapter for flexible runway		Part no.	Application cover	Pack	
		Colours			
		White	Aluminium	pc.	
		51623-2	51623-03	65	12
		51624-2	51624-03	80	12
Material: U24X					
6. Universal (CEE) adapter 1 outlet		Part no.	Application cover	Pack	
		93604	80	12	
		Colour: White			Material: U24X
Note: 2 screws are included.					
7. Flat faceplate RJ45		Part no.	Application cover	Pack	
		Colours			
		White	Aluminium	pc.	
		93751-2	93751-03	65	6
		93752-2	93752-03	80	6
Material: U24X					
Note: Compatible with RJ45 Systimax solutions and universales type Keystone (AMP, Krone, Nexans, Jetlan, Belden, Brand-Rex and Openet ICS).					
8. Angled faceplate RJ45		Part no.	Application cover	Pack	
		Colours			
		White	Aluminium	pc.	
		93753-2	93753-03	65	6
		93754-2	93754-03	80	6
Material: U24X					
Note: Compatible with RJ45 universales type Keystone (AMP, Krone, Nexans, Jetlan, Belden, Brand-Rex and Openet ICS).					

9. Vertical adapter for modular outlets (2 modules)		Part no.	Outlets	Application	Pack	
		Colours	trademarks	cover	pc.	
		White	Aluminium			
		93621-2	93621-03	Simon*27 (1)	65	12
		93622-2	93622-03	Simon*27 (1)	80	12
		93635-2	93635-03	ABB-Zenit* (2)	65	12
		93636-2	93636-03	ABB-Zenit* (2)	80	12
		93663-2	93663-03	BJC*, Sol (3)	65	12
		93664-2	93664-03	BJC*, Sol (3)	80	12
		93653-2	93653-03	Eunea-Unica* (1)	65	12
		93654-2	93654-03	Eunea-Unica* (1)	80	12
		93608-2	93608-03	Mosaic* (1) (4)	65	12
		93609-2	93609-03	Mosaic* (1) (4)	80	12
Material: U24X						
Note: (1) Module 22,5x45 (2) Module 22x44 (3) Module 23x46. (4) Compatible with Simon Connect* K 45 and data connectors compatible with Mosaic*.						
10. Adapter for modular outlets (4 modules 22,5x45)		Part no.	Outlets	Application	Pack	
		Colours	trademarks	cover	pc.	
		White	Aluminium			
		93656-2	93656-03	Eunea-Unica*	65	12
		93657-2	93657-03	Eunea-Unica*	80	12
		93613-2	93613-03	Mosaic* (1)	65	12
		93614-2	93614-03	Mosaic* (1)	80	12
Material: U24X						
Note: (1) Module 22,5x45 compatible with Simon Connect* K 45 and data connectors compatible with Mosaic*.						
12. Adapter for 500CIMA (2 modules)		Part no.	Outlets	Application	Pack	
		Colours	trademarks	cover	pc.	
		White	Aluminium			
		93641-2	93641-03		80	12
Material: U24X						
Note: (1) Module 22,5x45 compatible with Simon Connect* K 45 and data connectors compatible with Mosaic*.						
11. Adapter for 3 outlets (6 modules 22,5x45)		Part no.	Outlets	Application	Pack	
		Colours	trademarks	cover	pc.	
		White	Aluminium			
		93619-2	93619-03	Mosaic* (1)	80	12
Material: U24X						
(1) Compatible with Simon Connect* K 45 and data connectors compatible with Mosaic*.						
12. Adapter Modular 25 (3 modules)		Part no.	Application	Application	Pack	
		Colours	cover	box	pc.	
		White	Aluminium			
		93644-2	93644-03	80	93719	12
Material: U24X						
Note: 2 screws are included.						

13. Adapter for DIN rail outlets (1 and 2 modules)		Part no.	Application cover	Application box	Pack	
		Colours				
		White	Aluminium		pc.	
		93648-2	93648-03	65	93718	4
		93649-2	93649-03	80	93719	4
		Material: U24X				
		Note: 1 rail DIN fixing Part no. 93724 is included.				
14. Universal (CEE) box 1 outlet		Part no.	Application cover	Pack		
				pc.		
		93709	80		12	
		Material: U24X				
		Note: 2 pre-mounted screws are included.				
15. Modular socket box		Part no.	Application cover	Pack		
				pc.		
		93713	65		12	
		93714	80		12	
		Material: U24X				
		Note: The box is only necessary for circuit separation, not for fixing data connectors.				
16. 120 mm box		Part no.	Application cover	Pack		
				pc.		
		93718	65		12	
		93719	80		12	
		Material: U24X				
		Note: The box is only necessary for circuit separation, not for fixing data connectors. In box part no. 93719, a divider part no. 93720 is included. This divider can also be purchased separately.				
17. 175 mm box		Part no.	Application cover	Pack		
				pc.		
		93729	80		12	
		Material: U24X				
		Note: The box is only necessary for circuit separation, not for fixing data connectors. In box part no. 93729, a divider part no. 93720 is included. This divider can also be purchased separately.				

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