




Connection Solutions
4Workplaces

simon
connect

**general
catalogue**
2011 - 2012



general catalogue

2011 - 2012

simon
connect

Simon - International

ARGENTINA - Buenos Aires



ITALY - Turin



BENELUX - Barchon



MEXICO - Mexico DF



BRAZIL - São Paulo



MOROCCO - Casablanca



POLAND - Czechowice-Dziedzice



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UKRAINE



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PORTUGAL

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MATERIAL ELÉCTRICO

Investee company:

Bioaccez



 lightled

WELCOME TO THE ERA **LED**



SPOTLIGHT 601



LINEAR SPOTLIGHT 610



DOWNLIGHT 701



DOWNLIGHT 710



HANGING
SPOTLIGHT 801

LED LIGHTING SIMON COLLECTION



SPOTLIGHT 620
SURFACE - ELECTRIFIED RAIL



SPOTLIGHT 620
FLUSH-MOUNTED



LEDFLEX 810



LEDSTRIP 811

Visual contents

Simon trunking



> PVC and aluminium mini-trunking
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> PVC and aluminium cable adapter trunking
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> PVC and aluminium K45 Cablomax trunking
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> PVC and aluminium K45 trunking
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> DCS floor trunking
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Simon structured cabling



> Rack cabinets, terminal arrays and panels, connectors,
Voice and Data patch cords and cables
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Simon electric cabling



> Quick connection
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Simon CIMA



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Simon K45



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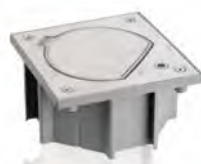
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> K45 Ofiblock COMPACT
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> K45 surface and
flush-mount boxes
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> K45 IP66 watertight floor boxes
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> K45 anti-vandalism mini-towers
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> K45 mini-columns
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> K45 columns
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Our commitment to the planet

In this big project, a small gesture from you is essential



SIMON**BLUE**PLANET.COM

Energy efficiency and much more

Environmental concern is part of our company culture:

- We offer energy saving applications and solutions.
- We use innovative environmental processes and solutions that optimise energy use.
- We raise environmental awareness among our personnel and customers.



GENERAL CONTENTS

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CIMA PRO
wall boxes



CIMA CLASSIC
wall boxes



CIMA floor boxes



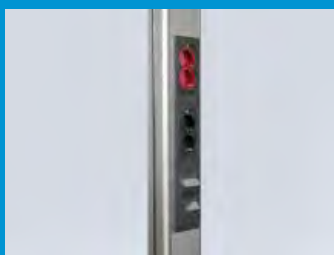
CIMA junction boxes



CIMA mini-towers



CIMA mini-columns



CIMA columns

Simon CIMA

Coverings	14 >	CIMA PRO surface wall boxes
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Mechanisms, sockets and plates	36 >	CIMA double electrical sockets
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	40 >	CIMA voice and data plates
	44 >	CIMA plates for optical fibre
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Self-extinguishing, halogen-free materials:

A guarantee of safety for persons, equipment and information.



Compatibility with all the Voice, Data and Multimedia connectors on the market.

Maintenance.

The trim plates allow the connections to be maintained and inspected without having to remove the box.



Quick installation.

The mechanisms of the CIMA range are installed by direct snap-fitting without using any tools.





CIMA PRO SURFACE WALL BOXES

Surface solutions

Rear power supply: incorporates die-cut on rear for power supply by corrugated pipe

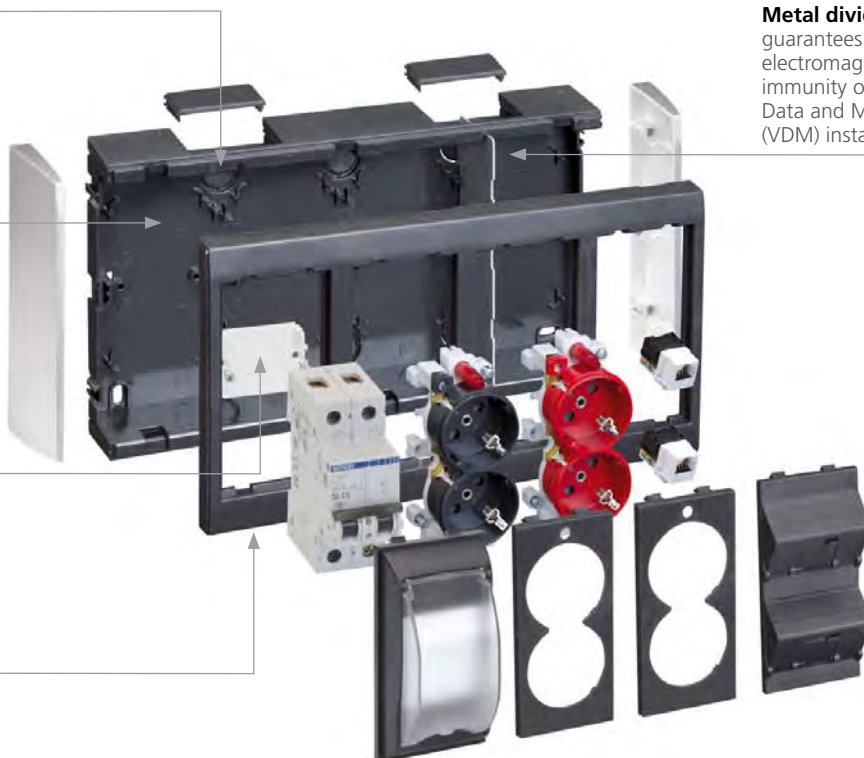
Cable space: optimised and dedicated space for electric cable distribution of Voice, Data and Multimedia (VDM) cables

DIN guide support: prepared for the installation of protection elements using ref. S145
See page 39

Quick installation: for box elements and mechanisms installed by direct snap-fit without requiring tools



Metal divider plate: guarantees electromagnetic immunity of the Voice, Data and Multimedia (VDM) installation



Expandable



The boxes **can be joined** to increase the number of modules.

Power supply from CABLE trunking and SIMON Mini-trunking



Perfect connection between box and trunking system.

Cable adapter trunking on page 98 and Mini-trunking on page 92

With all necessary materials



CIMA PRO surface boxes are supplied with metal divider plate, fixing plugs, connection cable with earth connection and all necessary hardware for installation.

Mechanisms, electrical sockets and plates from page 36

Aluminium	Pure white Ral 9010	Graphite grey Ral 7021
/8	/9	/14

CIMA PRO COMPLETE WALL BOXES

Surface Boxes



SBC100	/8	/9	/14	1 CIMA dual module
SBC200	/8	/9	/14	2 CIMA dual modules
SBC300	/8	/9	/14	3 CIMA dual modules
SBC400	/8	/9	/14	4 CIMA dual modules

Boxes of 5, 6 and more modules connecting customised wall boxes.

CIMA PRO CUSTOMISED WALL BOXES



Socket and frame



SBC150	/8	/9	/14	1 CIMA dual module
SBC250	/8	/9	/14	2 CIMA dual modules
SBC350	/8	/9	/14	3 CIMA dual modules
SBC450	/8	/9	/14	4 CIMA dual modules

Side covers



SBC01	/8	/9	/14	Side covers
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Accessories for power supply from SIMON trunking

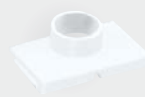
Mini-trunking on page 92
and cable adapter trunking on page 98



BC141	/8	/9	/14	Adapter for Mini-trunking 20x30mm
--------------	----	----	-----	--------------------------------------



SBM31F	/8	/9	/14	Adapter for Mini-trunking 20x50mm
---------------	----	----	-----	--------------------------------------



TSA006	/8	/9	/14	Adapter for cable trunking
---------------	----	----	-----	-------------------------------

KITS



Cabling kit
XSBC1312 /9
CIMA PRO 3-module surface box kit, cabled



Kit without cable
XSBC0322 /9
CIMA PRO 3-module surface box kit, without cable

Configuration example



	Quantity	Ref./Finish	Description
Covering	1	SBC450/14	Socket and frame for CIMA PRO 4-module surface box, graphite
	1	SBC01/8	Side covers for CIMA PRO surface box, aluminium
Electrical sockets and plates	1	S195AS/14	CIMA plate with 16A bipolar circuit-breaker, graphite
	1	S145	DIN guide adapter for CIMA range
	1	S1/14	CIMA double Schuko with pilot light, graphite
	1	S1/6/14	Two-coloured CIMA double Schuko with pilot light, red/graphite
	1	S80B96U/14	CIMA angled voice and data plate with 2 RJ45 Cat. 6 UTP connectors, graphite



CIMA PRO FLUSH-MOUNT WALL BOXES

Embedding solutions

Rear and side power supply:

pre-punched holes in the rear and around the entire perimeter for power supply by means of a corrugated pipe

DIN guide support:

ready for protection-element installation through Ref. S145
[See page 39](#)



Cable space:

optimised and dedicated spaces for the passage of the electrical and Voice, Data and Multimedia (VDM) cables.

Installation:

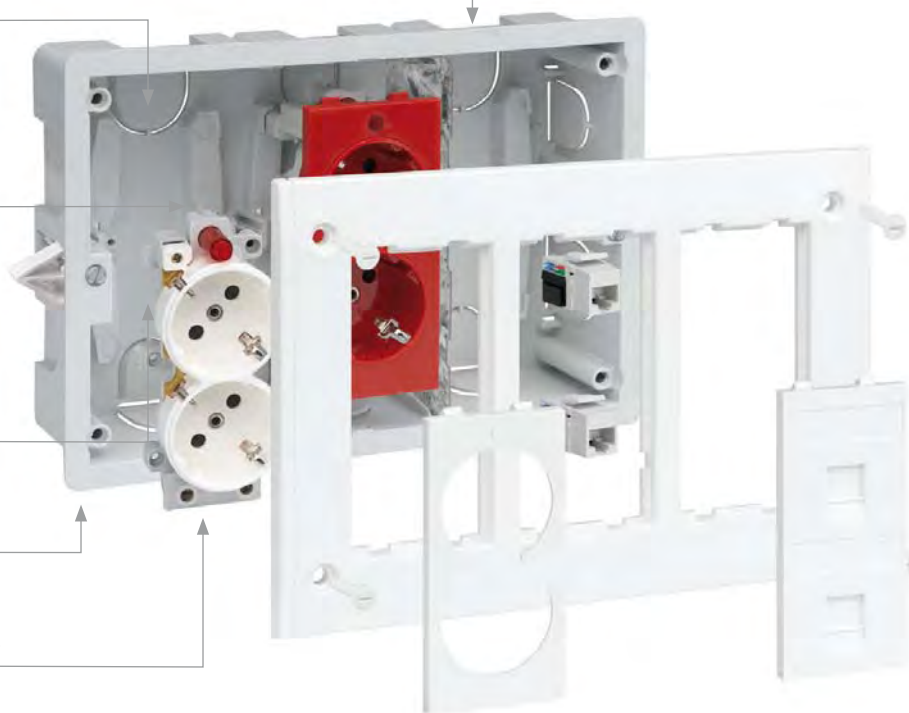
in wall or Pladur®, a single box for all wall types

Quick installation:

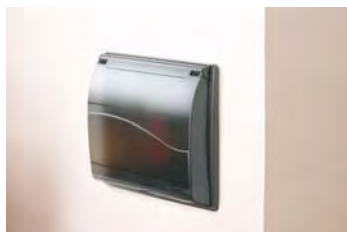
The included mechanisms are installed without the need for tools



Metal divider plate:
guarantees the electromagnetic immunity of a Voice, Data and Multimedia (VDM) installation



With or without cover



There are 2 versions of CIMA PRO flush-mount boxes: with and without cover. The cover makes it possible to hide the connections.

Maximum aesthetic integration



Specially designed to blend in with surroundings.

With all necessary materials





CIMA PRO flush-mount boxes are supplied with metal divider plate, connection cable with earth connection and adhesive.

[Mechanisms, electrical sockets and plates from page 36](#)

Aluminium	Pure white Ral 9010	Graphite grey Ral 7021
/8	/9	/14



CIMA PRO FLUSH-MOUNT WALL BOXES



Flush box		Frame
	+	
SBM250 2 CIMA dual modules		SBM202 /8 /9 /14 2 CIMA dual modules
SBM350 3 CIMA dual modules		SBM302 /8 /9 /14 3 CIMA dual modules
SBM450 4 CIMA dual modules		SBM402 /8 /9 /14 4 CIMA dual modules

CIMA PRO FLUSH-MOUNT WALL BOXES WITH COVER



Flush box		Frame with cover
	+	
SBM250 2 CIMA dual modules		SBMT202 /8 /9 /14 2 CIMA dual modules
SBM350 3 CIMA dual modules		SBMT302 /8 /9 /14 3 CIMA dual modules
SBM450 4 CIMA dual modules		SBMT402 /8 /9 /14 4 CIMA dual modules

KITS



Cabling kit
XSBM1312 /9
CIMA PRO 3-module
flush-mount box kit,
cabled



Kit without cable
XSBM0322 /9
CIMA PRO 3-module
flush-mount box kit,
without cable

Configuration example



	Quantity	Ref./Finish	Description
Covering	1	SBM350	3-module CIMA PRO flush-mount box without frame
	1	SBM302/8	Frame for CIMA PRO 3-module flush-mount box, aluminium
Electrical sockets and plates	1	S1/8	CIMA double Schuko with pilot light, aluminium
	1	S1/6/8	Two-coloured CIMA double Schuko with pilot light, red/aluminium
	1	S96BU/8	CIMA plate with 2 RJ45 Cat. 6 UTP connectors, aluminium



CIMA CLASSIC SURFACE WALL BOXES

Surface solutions

Power supply from SIMON trunking:
See accessories on page 19



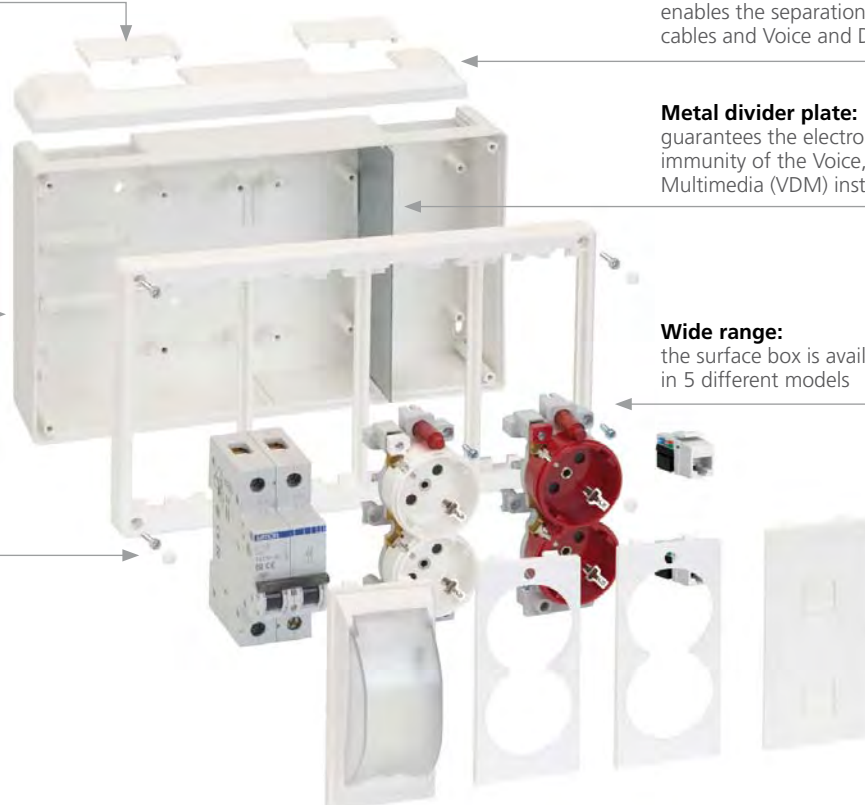
DIN guide support:
The 2, 3 and 4 module boxes are ready for the incorporation of protection elements.
See page 39

Bolted fastenings:
maximum resistance of the assembly

Cable input guide:
enables the separation of electric cables and Voice and Data cables

Metal divider plate:
guarantees the electromagnetic immunity of the Voice, Data and Multimedia (VDM) installation

Wide range:
the surface box is available in 5 different models



Safety

New plates for differentials, circuit-breaker protection and DIN rail switchgear.

See page 39



Compact

Compact, sturdy design for connectivity in minimum space.



With all necessary materials

CIMA surface boxes are supplied with metal divider plate, fixing plugs, connection cable with earth connection and all necessary hardware for installation.

Mechanisms, electrical sockets and plates from page 36



CIMA CLASSIC COMPLETE WALL BOXES

Surface Box



SC100 /9 1 CIMA dual module

SC200 /9 2 CIMA dual modules

SC300 /9 3 CIMA dual modules

SC400 /9 4 CIMA dual modules

SC600 /9 6 CIMA dual modules

Accessories for power supply from Simon trunking

See SIMON trunking solutions: Mini-trunking on page 92 and cable adapter trunking on page 98



SCM21F /9
Adapter for Mini-trunking
20x30mm



SCM31F /9
Adapter for Mini-trunking
20x50mm



TSA005 /9
Adapter for
cable trunking

Spare parts



RSM002 /9
Plugs for CIMA Mechanism Holder
Frames

Configuration example



	Quantity	Ref./Finish	Description
Covering	1	SC400/9	CIMA Classic 4-module surface box with frame, white
Electrical sockets and plates	1	SMS/9	CIMA plate with 10A circuit-breaker, Curve C, white
	1	S1/9	CIMA double Schuko with pilot light, white
	1	S1/6/9	Two-coloured CIMA double Schuko with pilot light, red/white
	1	S96BU/9	Plate with 2 RJ45 Cat. 6 UTP connectors, white

Technical details
See page 147



CIMA CLASSIC FLUSH-MOUNT WALL BOXES

Wall solutions

Installation on masonry or Pladur® wall:

there is a specific box for every type of installation

Metal divider plate:

guarantees the electromagnetic immunity of the Voice, Data and Multimedia (VDM) installation

Pre-punched holes for pipe access:

available around the entire perimeter and at the rear

DIN guide support:

ready for protection-element installation through Ref. S145
[See page 39](#)

Trim frame:

it adapts perfectly to the wall, providing the installation with a perfect finish

Flange opening:

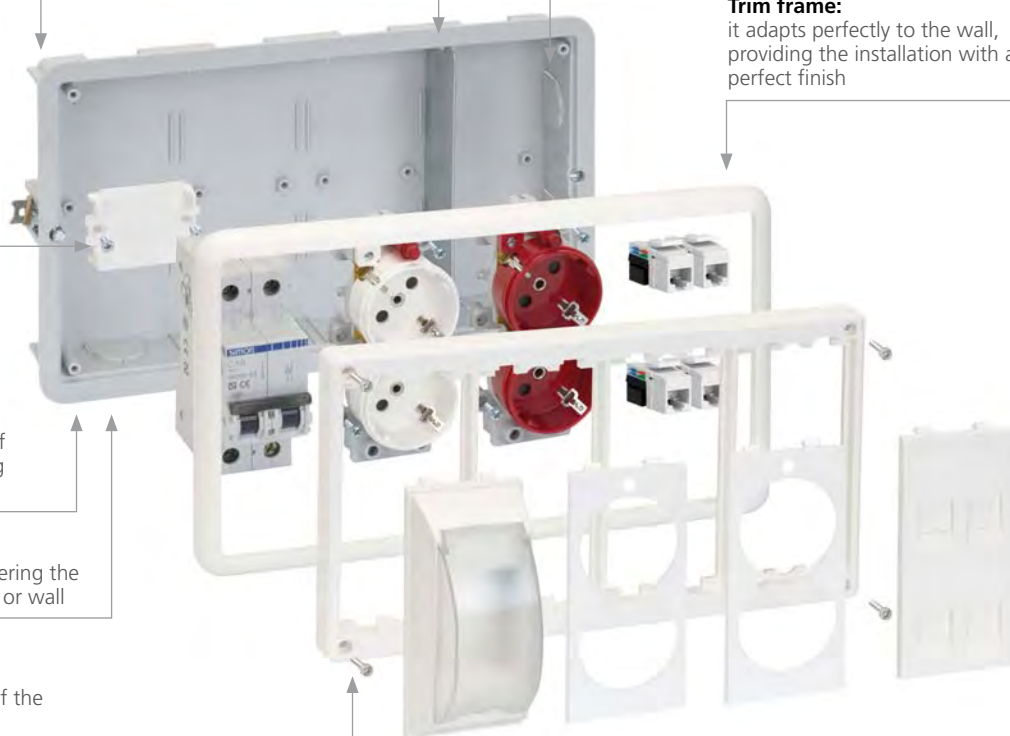
allows the fastening of tubes and cables using flanges (Box 60mm)

Side flaps:

their width allows covering the imperfections of a cut or wall

Bolted fastenings:

maximum resistance of the assembly



Easy installation



Different fastening clips depending on whether they are for Pladur®, with maximum surface area, or for masonry wall.

Two depths

33 mm
Masonry wall

60 mm
Pladur® or partition wall

They are supplied in 2 different depths.



With all necessary materials





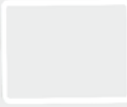
CIMA Classic flush-mount boxes are supplied with metal divider plate and connection cable with earth connection.

Mechanisms, electrical sockets and plates from page 36

CIMA CLASSIC FLUSH-MOUNT WALL BOXES




Flush-mount installation in masonry wall (depth: 33 mm)



Flush-mount box	+	Frame	+	Trim
				
SM150 1 CIMA dual module		SM102 /9 1 CIMA dual module		SM100 /9 1 CIMA dual module
SM250 2 CIMA dual modules		SM202 /9 2 CIMA dual modules		SM200 /9 2 CIMA dual modules
SM350 3 CIMA dual modules		SM302 /9 3 CIMA dual modules		SM300 /9 3 CIMA dual modules
SM450 4 CIMA dual modules		SM402 /9 4 CIMA dual modules		SM400 /9 4 CIMA dual modules

Flush-mount installation in Pladur® or partition wall (depth: 60 mm)



Flush-mount box	+	Frame	+	Trim
				
SM160 1 CIMA dual module		SM102 /9 1 CIMA dual module		SM100 /9 1 CIMA dual module
SM260 2 CIMA dual modules		SM202 /9 2 CIMA dual modules		SM200 /9 2 CIMA dual modules
SM360 3 CIMA dual modules		SM302 /9 3 CIMA dual modules		SM300 /9 3 CIMA dual modules
SM460 4 CIMA dual modules		SM402 /9 4 CIMA dual modules		SM400 /9 4 CIMA dual modules
SM660 6 CIMA dual modules		SM602 /9 6 CIMA dual modules		SM600 /9 6 CIMA dual modules

Spare parts



RSM002 /9
Plugs for CIMA Mechanism Holder Frames
SMx02/9

Configuration example



	Quantity	Ref./Finish	Description
Covering	1	SM450	CIMA Classic 33-mm flush-mount box with 4 modules
	1	SM402/9	CIMA 4-module frame, white
	1	SM400/9	Trim for CIMA 4-module box, white
Electrical sockets and plates	1	S145	DIN guide adapter for CIMA range
	1	SMS/9	Plate with 10A circuit-breaker, Curve C, white
	1	S1/9	CIMA double Schuko with pilot light, white
	1	S1/6/9	Two-coloured CIMA double Schuko with pilot light, red/white
	1	S96CU/9	CIMA plate with 4 RJ45 Cat. 6 UTP connectors, white



CIMA FLOOR BOXES SHALLOW

The perfect solution for shallow flooring



Offices



Meeting rooms



Auditoriums



Museums



Libraries



Universities

Trim:

For a perfect finish (optional).

Cover:

Can be customised with the floor covering (carpet, parquet, etc.) With 3 opening positions and 2 separate cable trunking rubbers.

Versatile pre-punched holes:

The mechanism holders have punched holes for 20 mm and 25 mm tubes and a space for inserting Voice and Data patch cords.

Mechanism holder:

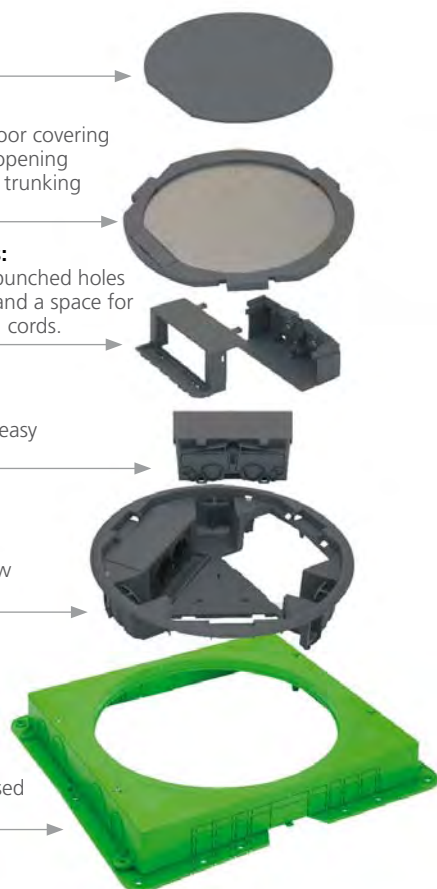
Plug&Play mechanism holder modules that allow quick and easy installation.

Shallow:

The perfect solution for shallow flooring.

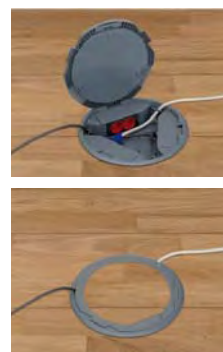
Paving tray:

For installations in paving. Not required for installations in raised floors.



Integration into any space

The angled mechanisms allow the cover to be closed while the box is connected, hiding the connections.



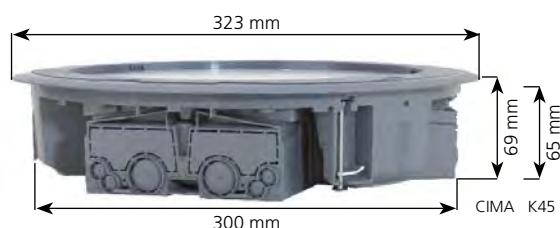
Compatible with superior voice and data categories.

Due to the vertical position of the mechanisms and to the input pre-punched holes, the Voice, Data and Multimedia patch cords do not need to be bent.



Shallow

The ideal solution for shallow floors, whether paved or raised.



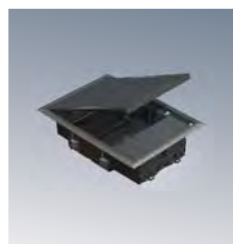
CIMA SF300C/1 Format
K45 KF300C/1 Format

Adaptable to changes in the office

2 separate cable outlets and the option to fit the cover allow it to be adapted to different furnishings.
(Refs. SF300C/1 and KF300C/1)



CIMA FLOOR BOXES, SHALLOW



Floor box



- SF200** /1 Square for 2 CIMA dual modules
KF200 /1 Square for 4 K45 mechanisms and 2 K45 half mechanisms

Trim cover



- S215** /1

0
Optional



Floor box



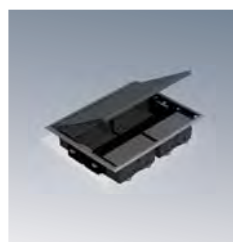
- SF300C** /1 Circular for 3 CIMA dual modules
KF300C /1 Circular for 6 K45 mechanisms and 3 K45 half mechanisms

Trim cover



- S315C** /1

0
Optional



Floor box



- SF400** /1 Square for 4 CIMA dual modules
KF400 /1 Square for 8 K45 mechanisms and 4 K45 half mechanisms

Trim cover



- S415** /1

0
Optional

Trays for paving



- G201**
For references
SF200/1 and KF200/1



- G301C**
For references
SF300C/1 and KF300C/1



- G401**
For references
SF400/1 and KF400/1

i Configuration example - Paving installation

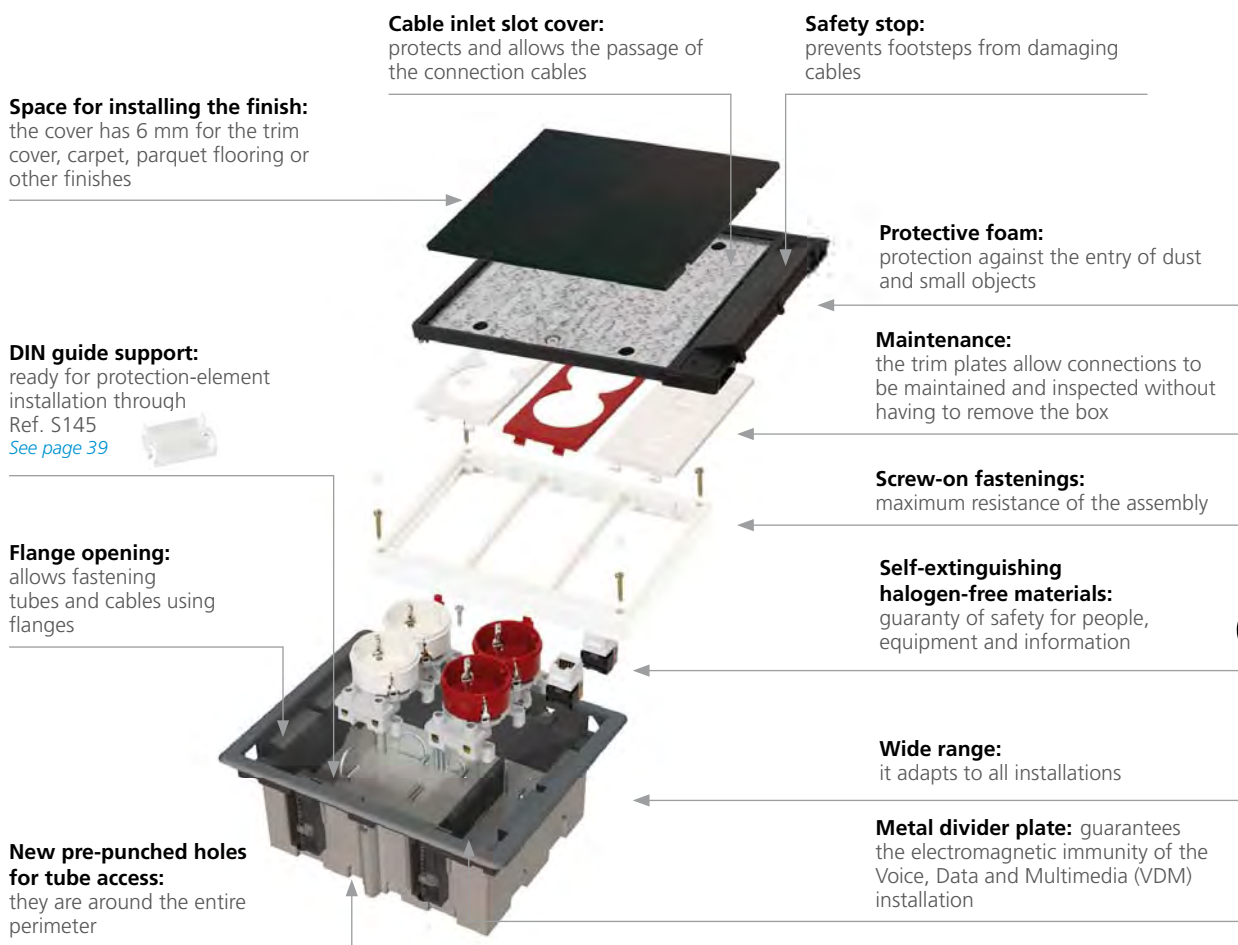


	Quantity	Ref./Finish	Description
Covering	1	SF300C/1	CIMA Circular floor box for 3 CIMA dual modules, grey
	1	S315C/1	Trim cover for CIMA circular Floor Box, grey
	1	G301C	Paving tray for CIMA circular Floor Box.
Electrical sockets and plates	1	S1/14	CIMA double Schuko with pilot light, graphite
	1	S1/6/14	CIMA double Schuko with pilot light, red-graphite
	1	S96BU/14	CIMA flat voice and data plate with 2 RJ45 Cat. 6 UTP connectors, graphite



CIMA FLOOR BOXES

Solutions for raised or tile floors



✓ New pre-punched holes for tube intakes:



Two new tube intake measurements of Ø 20 mm and Ø 26 mm.

✓ Adjustable mechanism-protecting tray

They are supplied in 2 different depths:

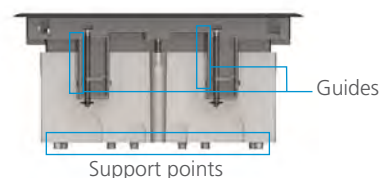


Paving
70 mm adjustable to 100 mm



Raised floor
90 mm adjustable to 120 mm

✓ Greater stability



The new tray ensures greater stability in an installation thanks to the the new support points and levelling guides.



Connection of elbow and straight clips, as well as chargers for mobile phones, PDAs, etc.

Maximum connection space



Blends in fully with the surroundings.

Perfect finishes.



The CIMA range evolves towards the future. It can include two **quick-connection** connectors for raised floor installations. Refs. SF410 and SF610

Quick-connection system on page 138



Maximum safety

Protected opening system. The box can only be opened by pulling both opening clips at the same time.



Fastening clips

No junction box is required for installing floor boxes in raised floors. The floor box attaches to the flagstone by means of metal, self-positioning **fastening clips**.

ADJUSTABLE PLASTIC GROUND TRAY

For installation in floor boxes or junction boxes in paved floors.

Levelling screw allows levelling before installing

Fastening
Housing for floor fastening screws



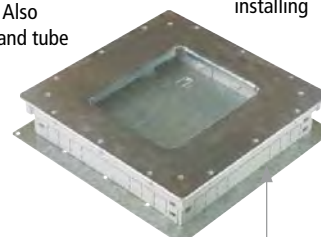
Pre-punched holes for tube inlet

ADJUSTABLE METAL GROUND TRAY

For installation in floor boxes or junction boxes in paved floors. Also provides cable and tube access.

Levelling screw allows levelling before installing

Fastening
Housing for floor fastening screws



Pre-punched holes for trunking inlet

With all necessary materials

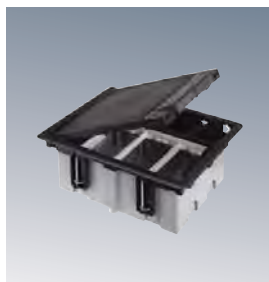
Complete CIMA floor boxes are supplied with metal divider plate, mechanism-holder frame, connection cable with earth connection and all necessary hardware for installation.

Mechanisms, electrical sockets and plates from page 36



COMPLETE FLOOR BOXES - INCLUDE MECHANISM-HOLDER FRAME

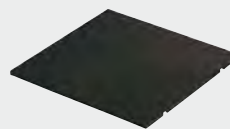
Installation in raised flooring - depth adjustable from 90 mm to 120 mm



Complete floor box



Flush-mount trim cover

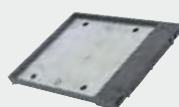


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Optional

SF110 /1 /14	1 CIMA dual module
SF210 /1 /14	2 CIMA dual modules
SF310 /1 /14	3 CIMA dual modules
SF410 /1 /14	4 CIMA dual modules
SF610 /1 /14	6 CIMA dual modules

S105 /1 /14	1 CIMA dual module
S205 /1 /14	2 CIMA dual modules
S305 /1 /14	3 CIMA dual modules
S405 /1 /14	4 CIMA dual modules
S605 /1 /14	6 CIMA dual modules

Spare parts



Hinged cover

RSF001 /1 /14
1 module

RSF002 /1 /14
2 modules

RSF003 /1 /14
3 modules

RSF004 /1 /14
4 modules

RSF006 /1 /14
6 modules

KITS



CIMA 3-module floor box kit, without cables

XSS0322 /14

For paved floor requires G33 or G300. Trim cover not included.



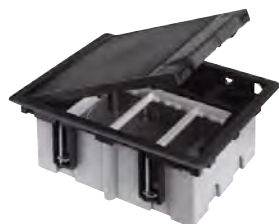
CIMA 3-module floor Box Kit with cables

KITS370 /14

For paved floor requires G33 or G300. Trim cover not included.

Built-in mechanism-holder frame

Mechanisms, electrical sockets and plates from page 36



CIMA floor boxes include the mechanism-holder frame incorporated in /9.

Frame also available in /14

SM102 /14	1 CIMA module.
SM202 /14	2 CIMA modules
SM302 /14	3 CIMA modules
SM402 /14	4 CIMA modules

Configuration example



	Quantity	Ref./Finish	Description
Covering	1	SF410/14	4-module complete CIMA floor box, graphite
	1	SM402/14	CIMA 4 module mechanism-holder frame, graphite
Electrical sockets and plates	1	S195AS/14	CIMA plate with 16A bipolar circuit-breaker, graphite
	1	S145	DIN guide adapter
	1	S1/6/14	Two-coloured CIMA double Schuko with pilot light, red/graphite
	1	S1/14	CIMA double Schuko with pilot light, graphite
	1	S80B96U/14	CIMA angled voice and data plate with 2 RJ45 Cat. 6 UTP connectors, graphite

Grey
Ral 7011

Pure white
Ral 9010

Graphite grey
Ral 7021

/1




/9

/14

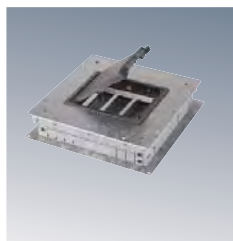
COMPLETE FLOOR BOXES - INCLUDE MECHANISM-HOLDER FRAME




Paved floor installation - depth adjustable from 70 mm to 100 mm
With plastic tray (Final connection)



Plastic tray	Complete floor box	Flush-mount trim cover	0 Optional
			
G11 1 CIMA dual module	SF170 /1 /14 1 CIMA dual module	S105 /1 /14 1 CIMA dual module	
G22 2 CIMA dual modules	SF270 /1 /14 2 Cima dual modules	S205 /1 /14 2 Cima dual modules	
G33 3 Cima dual modules	SF370 /1 /14 3 Cima dual modules	S305 /1 /14 3 Cima dual modules	
G44 4 Cima dual modules	SF470 /1 /14 4 Cima dual modules	S405 /1 /14 4 Cima dual modules	
G66 6 Cima dual modules	SF670 /1 /14 6 Cima dual modules	S605 /1 /14 6 Cima dual modules	

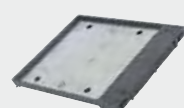
With metallic tray (For junctions)



Metal tray	Complete floor box	Flush-mount trim cover	0 Optional
			
G300 3 Cima dual modules	SF370 /1 /14 3 Cima dual modules	S305 /1 /14 3 Cima dual modules	
G400* 4 Cima dual modules	SF470 /1 /14 4 Cima dual modules	S405 /1 /14 4 Cima dual modules	
G600* 6 Cima dual modules	SF670 /1 /14 6 Cima dual modules	S605 /1 /14 6 Cima dual modules	

* Conversion plate on page 463

Spare parts



Hinged cover

RSF001 /1 /14
1 module

RSF002 /1 /14
2 modules

RSF003 /1 /14
3 modules

RSF004 /1 /14
4 modules

RSF006 /1 /14
6 modules

A plastic or metal tray must be used for ground installation

Use of the plastic tray:

All the space in the tray is filled with the floor box. The cables enter through a corrugated pipe.

Use of the metal tray:

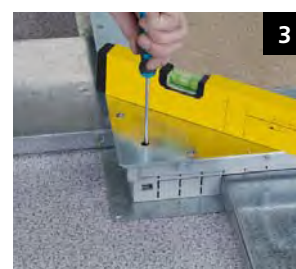
A space must be left between the floor box and the tray to allow the entry of cables or pipes. The cable inlet is through floor trunking.



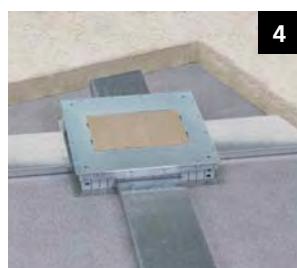
Cut the trunking inlets



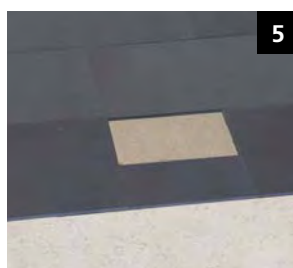
Insert the trunking and screw to the floor



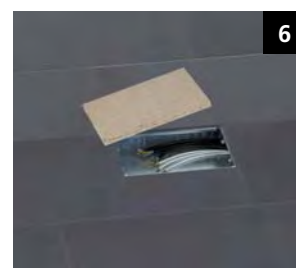
Level with the screws



Cement



Fit the trim



Remove the protective cover



CIMA JUNCTION BOXES


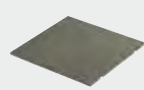
Solutions for raised or tile floors

Accessible space

Junction boxes provide an accessible space through which the cables or connections of the installation can be accessed.



RAISED FLOOR INSTALLATIONS

		+			
Space equivalent to				Space equivalent to	
S100	/1 /14	1 CIMA dual module		S105	/1 /14 1 CIMA dual module
S200	/1 /14	2 CIMA dual modules		S205	/1 /14 2 CIMA dual modules
S300	/1 /14	3 CIMA dual modules		S305	/1 /14 3 CIMA dual modules
S400	/1 /14	4 CIMA dual modules		S405	/1 /14 4 CIMA dual modules
S600	/1 /14	6 CIMA dual modules		S605	/1 /14 6 CIMA dual modules

Junction box cover in raised floor

With the junction box covers installed in the raised floor, an access is created to the inside of the installation.



Cable outlet
for raised floor
(ø 102 mm)



TS10 /8 /14

Allows cables to pass from the raised floor to the surface.
When closed, it prevents dust and other elements from getting inside.



Configuration example



	Quantity	Ref./Finish	Description
Covering	1	S300/14	Junction box cover equivalent to 3 CIMA modules, graphite grey

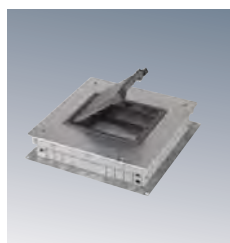
TILE FLOOR INSTALLATIONS

Plastic junction boxes - depth adjustable from 80 to 110 mm



Plastic tray	Junction box cover	Trim cover for flush-mounting	0 Optional
Space equivalent to	Space equivalent to	Space equivalent to	
G11 1 CIMA dual module	S100 /1 /14 1 CIMA dual module	S105 /1 /14 1 CIMA dual module	
G22 2 CIMA dual modules	S200 /1 /14 2 CIMA dual modules	S205 /1 /14 2 CIMA dual modules	
G33 3 CIMA dual modules	S300 /1 /14 3 CIMA dual modules	S305 /1 /14 3 CIMA dual modules	
G44 4 CIMA dual modules	S400 /1 /14 4 CIMA dual modules	S405 /1 /14 4 CIMA dual modules	
G66 6 CIMA dual modules	S600 /1 /14 6 CIMA dual modules	S605 /1 /14 6 CIMA dual modules	

Metal junction boxes - depth adjustable from 75 to 90 mm



Metal tray	Junction box cover	Trim cover for flush-mounting	0 Optional
Space equivalent to	Space equivalent to	Space equivalent to	
G300 3 CIMA dual modules	S300 3 CIMA dual modules	S305 3 CIMA dual modules	
G400 4 CIMA dual modules	S400 4 CIMA dual modules	S405 4 CIMA dual modules	
G600 6 CIMA dual modules	S600 6 CIMA dual modules	S605 6 CIMA dual modules	

CONVERSION PLATE FOR METAL TRAYS FOR INSTALLING JUNCTION BOX COVERS AND FLOOR BOXES

Junction box cover	Metal tray	Conversion plate
S300 /1 /14 Junction box cover	G600 Metal tray	G630 Conversion plate
S400 /1 /14 Junction box cover		G640 Conversion plate

The conversion plate allows the installation of junction box covers and floor boxes with 3 or 4 modules in 6-module junction boxes, increasing the cable entry space.



i Configuration example in paved floor



	Quantity	Ref./Finish	Description
Covering	1	G300	Metal tray equivalent to 3 CIMA modules
	1	S300/14	Junction box cover equivalent to 3 CIMA modules, graphite grey
	1	S305/14	Flush-mount trim cover graphite grey



CIMA MINI-TOWERS

Solutions for raised or tile floors

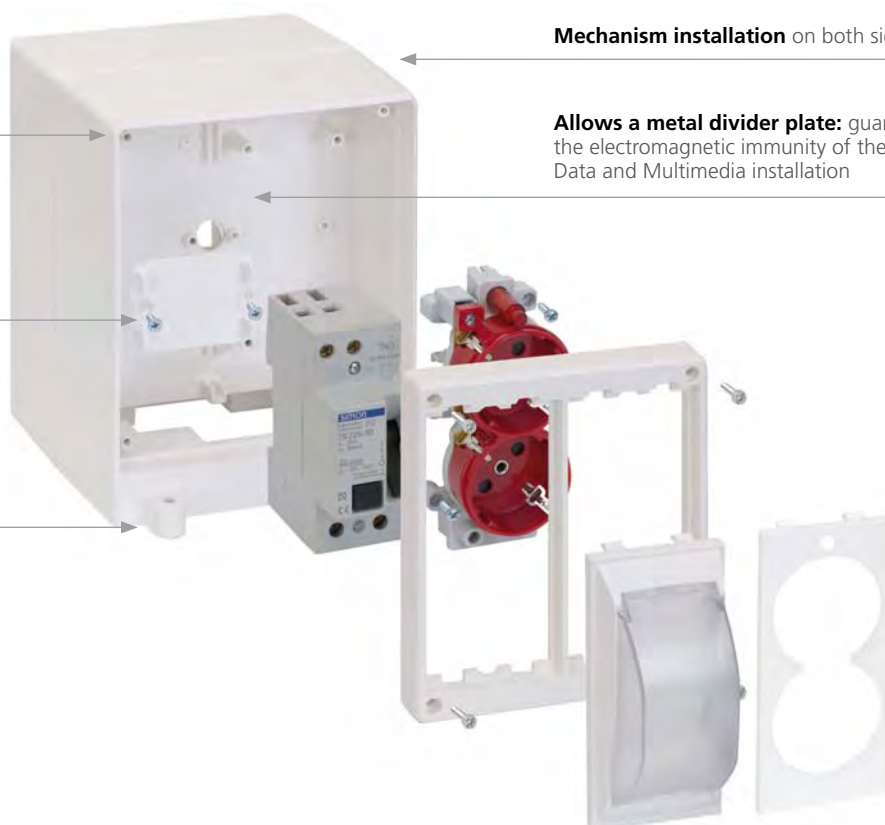
Bolted fastenings:
maximum resistance
of the assembly

DIN guide support:
ready for
protection-element
installation through
Ref. S145
[See page 39](#)

Direct anchoring to the floor:
possibility of installation
without using the base

Mechanism installation on both sides

Allows a metal divider plate: guarantees
the electromagnetic immunity of the Voice,
Data and Multimedia installation



Compact

Compact, sturdy design for
connectivity in minimum
space.



With all necessary materials

The CIMA mini-tower is supplied with metal divider plate,
fixing plugs, connection cable with earth connection, non-slip
adhesive foam and all necessary hardware for installation.

*Mechanisms, electrical sockets and plates from
[page 36](#)*



CIMA MINI-TOWERS



ST400 /9 Mini-tower with 2 CIMA dual modules per side



0
Optional

ST450 /9 Inlet base for 85x18 mm floor trunking

Spare parts



RSM002 /9
Plugs for Mini-towers
CIMA SMx02/9

UNDER-FLOOR POWER SUPPLY

Embedded cables or under raised floor

In this type of installation, the mini-tower does not need the base.

i Configuration example



Front face



Rear face

	Quantity	Ref./Finish	Description
Covering	1	ST400/9	CIMA 4-module mini-tower with frame, white
Electrical sockets and plates	3	S1/9	CIMA double Schuko with pilot light, white
	1	S96CU/9	CIMA plate with 4 RJ45 Cat. 6 UTP connectors, white

POWER SUPPLY THROUGH FLOOR TRUNKING

With the base, it is possible to supply the mini-tower by means of the 85x18 DCS floor trunking

i Configuration example



Front face



Rear face

	Quantity	Ref./Finish	Description
Covering	1	ST400/9	CIMA 4-module mini-tower with frame, white
	1	ST450/9	CIMA mini-tower base, white
Electrical sockets and plates	2	S1/6/9	Two-coloured CIMA double Schuko with pilot light, red/white
	2	S96BU/9	CIMA plate with 2 RJ45 Cat. 6 UTP connectors, white
Access trunking	1	TF11172/8	85x18 DCS floor trunking (length depending on the installation), aluminium



See DCS floor trunking on page 114



CIMA MINI-COLUMNS

Solutions for raised or paved floors

Top cover:
optimises the finish

Rail for fastening boxes:
allows fastening of SAL150 box

Thick aluminium section:
maximum strength

Floor trim:
covers the joints between the section and the base

Base:
allows a bolted fastening of the column to the floor

Non-slip adhesive foam:
perfect adhesion to the floor

SAL150 box: enables installation and compartmentalisation of 1 CIMA module. (Necessary for installing CIMA electrical and protection mechanisms)

The CIMA plates are installed directly on the trim frame and the inner frame.

DIN Support Guide:
prepared for installing protection elements using ref. S145
[See page 39](#)

✓ With all necessary materials

The CIMA Mini-column is supplied with a base, trim, end cover, fixing plugs, connection cable with earth connection, non-slip adhesive foam and all necessary hardware for installation.



Electrical sockets and plates from page 36

Aluminium	Pure white Ral 9010	Graphite grey Ral 7021	Aluminium Graphite grey Ral 7021	
/8	/9	/14	/8 /14	

COMPLETE CIMA MINI-COLUMNS (INCLUDING TRIM, BASE AND TOP COVER)



1 Face

ALC312	/8 /14	/9	2 CIMA dual modules
ALC313	/8 /14	/9	3 CIMA dual modules
ALC314	/8 /14	/9	4 CIMA dual modules
ALC315	/8 /14	/9	5 CIMA dual modules



2 Faces

ALC322	/8 /14	/9	2 CIMA dual modules per side
ALC323	/8 /14	/9	3 CIMA dual modules per side
ALC324	/8 /14	/9	4 CIMA dual modules per side
ALC325	/8 /14	/9	5 CIMA dual modules per side

CIMA mini-column spare parts



AL1110 (1 side)
AL2110 (2 sides)
Base



AL1115 /9 /14 (1 side)
AL2115 /9 /14 (2 sides)
Trim



AL3105 /9 /14 (1 side)
AL3205 /9 /14 (2 sides)
Top cover

CIMA MECHANISM ADAPTATION *



Box for CIMA socket and automatic breaker

SAL150 1 CIMA dual module



CIMA frame and inner frame

SAL100 /9 /14 /8 1 CIMA dual module

*For protection elements, DIN Guide support, ref. S145 must be used. See page 39

Mechanism housing



For white mini-columns it is advisable to install frames and mechanisms with finish /9



For dual colour mini-columns it is advisable to install frames and mechanisms with finish /14 or /8

Configuration example



	Quantity	Ref./Finish	Description
Envolvente	1	ALC313/8/14	CIMA 3-module single-side mini-column, aluminium/graphite
	3	SAL150	CIMA box for mechanisms
	3	SAL100/14	Inner frame and CIMA trim frame for box, graphite
Bases eléctricas y placas	1	S1/6/14	Two-coloured CIMA double Schuko with pilot light, red/graphite
	1	S96BU/14	CIMA Voice and Data plate with two RJ45 Cat. 6 UTP connectors, graphite
	1	SDS/14	CIMA plate with 30 mA automatic circuit-breaker, graphite
	1	S145	DIN guide adapter

CIMA COLUMNS

False ceiling solutions

Fastening support:

fastened by pressure to the floor slab

Telescopic guide for attachment to the floor slab:

guarantees the structural stiffness of the assembly
(1.5 metres length)

Very thick aluminium section:

section 3 metre-long maximum
sturdiness

DIN Support Guide:

Anchoring to the box for adaptation
of protection switchgear
using ref. S145

[See page 39](#)

Pressure screw:

using the adjustment nut,
the bolt guarantees pressure

Metal separator guide:

it allows separating electrical circuits
and Voice, Data and Multimedia (VDM) circuits

SAL150 box:

Necessary for installing CIMA
electrical mechanisms

Trims:

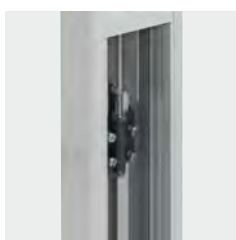
they guarantee a perfect finish on
floors and ceilings

Non-slip adhesive foam:

perfect adhesion to the floor

Fastening

Easy pressure-fastening
system.



With all necessary materials

The CIMA Column is supplied with a
base, trims, telescopic guide, support
for fixing to the ceiling, set screw, fixing
plugs, connection cable with earth
connection, non-slip adhesive foam and
all necessary hardware for installation.

[Mechanisms, electrical sockets and plates from
page 36](#)



Aluminium	Pure white Ral 9010	Graphite grey Ral 7021	Aluminium Graphite grey Ral 7021	
/8	/9	/14	/8 /14	

COMPLETE CIMA COLUMNS (INCLUDING BASE AND TRIMS FOR FLOOR AND CEILING)



1 Side

ALC3100 /8 /14 /9 CIMA Column 3 m

CIMA Column Lengthening 1 side (Includes connector pins)

0
Optional

AL31P05 /8 /9 0.5 m Lengthening
AL31P10 /8 /9 1 m Lengthening
AL31P15 /8 /9 1.5 m Lengthening



2 Sides

ALC3200 /8 /14 /9 CIMA Column 3 m

CIMA Column Lengthening 2 sides (Includes connector pins)

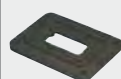
0
Optional

AL32P05 /8 /9 0.5 m Lengthening
AL32P10 /8 /9 1 m Lengthening
AL32P15 /8 /9 1.5 m Lengthening



Consult customised Columns in the 2010 Price List.

CIMA column
spare parts



AL1110 (1 side)
AL2110 (2 sides)
 Base



AL1115 /9 /14 (1 side) **RALC001** /8 /9
AL2115 /9 /14 (2 sides) Front cover 3 m
 Trim

Mechanism
housing



For dual colour columns it is
advisable to install frames
and mechanisms with finish
/14 or /8

For white columns it is
advisable to install frames and
mechanisms with finish /9

MECHANISM ADAPTATION

CIMA Mechanisms*



CIMA box for socket and
circuit-breaker



CIMA frame and inner frame

SAL150 1 CIMA dual module

SAL100 /9 /14 /8 1 CIMA dual module

Universal
Mechanisms SIMON

Universal box

0
Optional



AL50

*For protection elements, DIN Guide support ref. S145 must be used. See page 39

Configuration example



	Quantity	Ref./Finish	Description
Covering	1	ALC3100/8/14	CIMA 1 side column, aluminium/graphite
	2	SAL150	CIMA electrical mechanisms box
	3	SAL100/14	CIMA trim frame for box, graphite
Electrical sockets and plates	1	S1/6/14	Two-coloured CIMA double Schuko with pilot light, red/graphite
	1	S1/14	CIMA double Schuko with pilot light, graphite
	1	S80B96U/14	CIMA angled voice and data plate with 4 RJ45 CAT 6 UTP connectors, graphite

Technical details
See page 155

CIMA DOUBLE ELECTRICAL SOCKETS

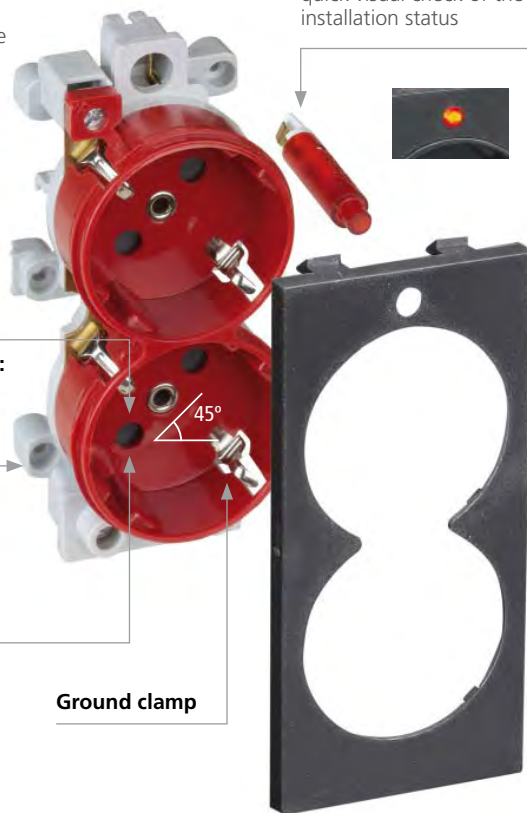
Screw terminal connection:
allows rigid and flexible
cables of 2.5 mm²

Protective shutter:
all sockets
incorporate the
protective
shutter that prevents
direct contact
with the active
parts

Maximum resistance:
fastening the
sockets to the **bottom**
of the covering

**Outlets angled at
45°:**
equipment
connection
optimised

Indicator pilot light:
quick visual check of the
installation status



Ground clamp

A finish for every application



Red finish, to
connect personal
computers
**uninterrupted
power supply
equipment.**



Orange finish, for
specific power supply
for **servers** or in
laboratories.



Single colour finish,
for normal electrical
lines.



Dual colour finish.
Perfect **aesthetic
combination.**
Differentiates the
electrical sockets with
red.

Maintenance

The trim plates allow the
connections to be maintained
and inspected **without having
to remove the box.**



Speed

With the wiring of a CIMA
socket, you get the installation
of 2 current outlets.

Flexibility

The CIMA double bases are
compatible with the entire
CIMA range from SIMON
CONNECT.

Red Ral 3002	Orange Ral 2009	Aluminium	Pure white Ral 9010	Graphite grey Ral 7021
/6	/7	/8	/9	/14

CIMA DOUBLE SOCKETS WITH PILOT LIGHT (SINGLE COLOUR FINISH)



S1 /9	Double Schuko socket			
S1 /14	Double Schuko socket			
S1 /8	Double Schuko socket			
S1 /6	Double Schuko socket			
S1 /7	Double Schuko socket			



S2 /9	Double French socket			
S2 /14	Double French socket			
S2 /8	Double French socket			
S2 /6	Double French socket			
S2 /7	Double French socket			

CIMA DOUBLE SOCKETS WITH PILOT LIGHT (DUAL COLOUR FINISH)



S1 /6 /9	Double Schuko socket		
S1 /6 /14	Double Schuko socket		
S1 /6 /8	Double Schuko socket		
S1 /14 /8	Double Schuko socket		



S2 /6 /9	Double French socket		
S2 /6 /14	Double French socket		
S2 /6 /8	Double French socket		
S2 /14 /8	Double French socket		

Spare parts



Indicator pilot light

AC3325

It is inserted by pressure, with no need for tools. **Low energy** pilot light



Front plate

RS01 /9 /14 /6

Configuration example



	Quantity	Ref./Finish	Description
Covering	1	SBC450/14	Socket and frame for CIMA PRO 4 module surface box, graphite
	1	SBC01/8	Side covers for CIMA PRO surface box, aluminium
Electrical sockets and plates	1	S1/14	CIMA double Schuko with pilot light, graphite
	1	S1/6/14	CIMA double Schuko with pilot light, dual colour red/graphite
	1	S80B96U/14	CIMA angled voice and data plate with 2 RJ45 Cat. 6 UTP connectors, graphite
	1	S195AS/14	CIMA plate with 16 A bipolar automatic circuit-breaker, graphite
	1	S145	DIN guide adapter for CIMA range

Configuration example



	Quantity	Ref./Finish	Description
Covering	1	ST400/9	CIMA 4 module mini-tower, white
Electrical sockets and plates	1	S1/6/9	CIMA double Schuko with pilot light, dual colour red-white
	1	SDS/9	CIMA 30 mA differential plate, white
	1	S145	DIN guide adapter for CIMA range
	1	S1/9	CIMA white double Schuko
	1	S96BU/9	Plate with 2 RJ45 Cat. 6 UTP connectors, white



CIMA PROTECTION

The plates for automatic breakers, differentials and DIN switchgear allow incorporating any protection element on the coverings of the Simon CIMA range, thus protecting the working position, isolating faults and minimising interruptions.



Laboratories



Education centres



Self-extinguishing, halogen-free materials:
guaranty of safety for people, equipment and information

Slot cover:
Translucent aesthetic slot cover



Design:
design and integration of protection elements in all CIMA solutions

Maintenance:
the trim plates allow connections to be maintained and inspected without having to remove the box

Flexibility

The plates have 2 different heights that adapt to any Simon CIMA covering.

References
SMAS/..
SMS/..
SDS/..

32 mm



References
S195AS/..
S195S/..
S195DS/..

42 mm



Installing circuit-breakers

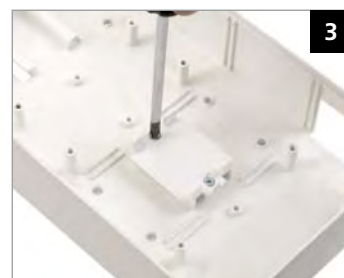
To install circuit-breakers, the following is necessary:



Break off the fastening points of the electrical outlet.



References **SC200/..**, **SC300/..** and **SC400/..** include a DIN rail fastener to facilitate installation of protection switchgear.



For all other CIMA coverings, it is first necessary to install the DIN guide (ref. S145).

Aluminium	Pure white Ral 9010	Graphite grey Ral 7021
/8	/9	/14

PROTECTIVE ELEMENTS CIMA PLATE 42 MM

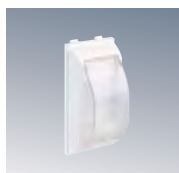


S195AS /8 /9 /14 CIMA plate with 16 A bipolar automatic circuit-breaker

S195S /8 /9 /14 CIMA plate with 10 A bipolar circuit-breaker



S195DS /8 /9 /14 CIMA plate with a 30 mA differential switch, with IΔN sensitivity of 30 mA



S195N /8 /9 /14 CIMA plate for automatic or differential circuit-breaker, DIN format

PROTECTIVE ELEMENTS CIMA PLATE 32 MM

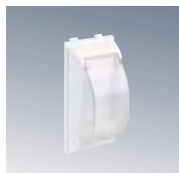


SMAS /9 /14 CIMA plate with 16 A bipolar circuit-breaker

SMS /9 /14 CIMA plate with 10 A bipolar circuit-breaker

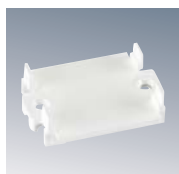


SDS /9 /14 CIMA plate with a 30 mA differential switch, with IΔN sensitivity of 30 mA



SMN /9 /14 CIMA plate for automatic or differential circuit-breaker, DIN format

DIN GUIDE FASTENING



S145 DIN guide adapter for CIMA range
The SC200/9, SC300/9 and SC400/9 models include a DIN guide on one of the modules.

For:



Surface Boxes
CIMA PRO (SBC...)



Flush-mounted boxes
CIMA PRO (SBM...)



Flush-mount boxes
CIMA Boxes 33 mm
(SM...)



Floor boxes
CIMA (S...)



CIMA floor boxes with
angled mechanisms
(S...)



Cable adapter trunking
PVC (TS...)

For:



Surface boxes CIMA
CLASSIC (SC...)



Flush-mount boxes
CIMA CLASSIC
boxes 60 mm (SM...)



CIMA Mini-towers
(ST...)



Columns and Mini-columns
CIMA (ALC...)



CIMA VOICE AND DATA PLATES

Angled and flat plates with Simon connectors

The SIMON system offers the complete solution with a broad range of plates with data connectors of tried and tested quality.



Angled plates

They ensure an optimum curvature radius in Data installations.



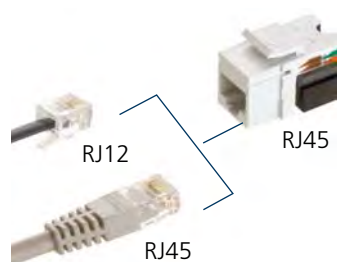
Flat plates

They facilitate the integration of the assembly in a compact space.



1 connector for several types of patch cords

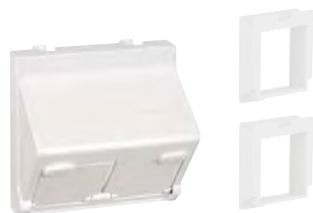
The RJ11 and RJ12 patch cords connect perfectly to the RJ45 female connectors.



Maximum compatibility

Maximum compatibility with all the copper data connectors (RJ45) on the market.

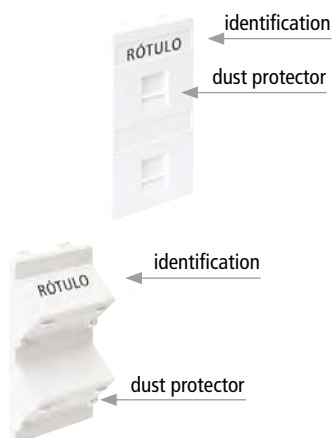
[On page 42](#)



We take care of the connectors

Plates with **automatic closure dust protector** that contribute to keeping the transmission parameters unchanged.

Marking area or area for attaching identification **label**.



LABEL

More Structured Cabling Solutions



[Rack Cabinet page 122](#)



[Panel page 126](#)



[Cable page 130](#)



[Connectors page 128](#)

Aluminium	Pure white Ral 9010	Graphite grey Ral 7021
/8	/9	/14

CIMA VOICE AND DATA PLATES WITH SIMON RJ45 CONNECTORS

Angled plates with dust protector 2 UTP connectors



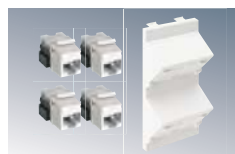
S80B96U /8 /9 /14 Category 6
S80B95U /8 /9 /14 Category 5e



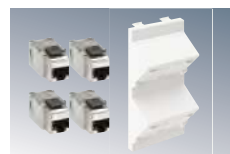
2 FTP connectors

S80B96F /8 /9 /14 Category 6
S80B95F /8 /9 /14 Category 5e

4 UTP connectors



S80C96U /8 /9 /14 Category 6
S80C95U /8 /9 /14 Category 5e



4 FTP connectors

S80C96F /8 /9 /14 Category 6
S80C95F /8 /9 /14 Category 5e

Flat plates with dust protector 2 UTP connectors



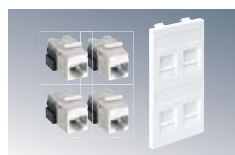
S96BU /8 /9 /14 Category 6
S95BU /8 /9 /14 Category 5e



2 FTP connectors

S96BF /8 /9 /14 Category 6
S95BF /8 /9 /14 Category 5e

4 UTP connectors



S96CU /8 /9 /14 Category 6
S95CU /8 /9 /14 Category 5e



4 FTP connectors

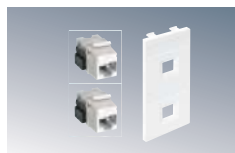
S96CF /8 /9 /14 Category 6
S95CF /8 /9 /14 Category 5e

Flat plates without dust protector 1 UTP connector



S095U /9 Category 5e
S02 /9 RJ11 Category 5e

2 UTP connectors



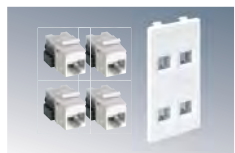
S096BU /9 Category 6
S095BU /9 Category 5e
S03 /9 RJ45 Category 5e



2 FTP connectors

S096BF /9 Category 6
S095BF /9 Category 5e

4 UTP connectors



S096CU /9 Category 6
S095CU /9 Category 5e



4 FTP connectors

S096CF /9 Category 6
S095CF /9 Category 5e

Tools

See connection sequence
on page 128
Other structured cabling
tools on page 130




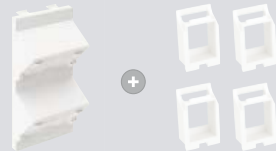
CH100

IDC110 cable connection tool for **Voice and Data**
Connectors and Panels.
Insertion and cutting sheet included.

Technical details
See page 160

COMPATIBILITY CIMA VOICE AND DATA PLATES SIMON

Angled CIMA plates for connectors of other brands







MANUFACTURERS	With dust protector	
	2 connectors	4 connectors
		
Finish options	/9 /14 /8	
SIMON	S80B/.. + 2 MD67	S80C/.. + 4 MD67
3M® (Volition OCK®: RJ45, K5e, K6)	S80B/.. + 2 MD45	S80C/.. + 4 MD45
AMP netconnect® (TYCO®)		
Standard 110 SL110 and SL toolless	S80B/.. + 2 MD67	S80C/.. + 4 MD67
216000 and 216005	S80B/.. + 2 MD64	S80C/.. + 4 MD64
BeldenCDT® (NORDX®)		
Giga Flex MDVO	S80B/.. + 2 MD68	S80C/.. + 4 MD68
Giga Flex Keystone	S80B/.. + 2 MD64	S80C/.. + 4 MD64
BRAND-REX® (BICC®)	S80B/.. + 2 MD67	S80C/.. + 4 MD67
CORNING® (SIEMENS®)	S80B/.. + 2 MD79	S80C/.. + 4 MD79
ERSYS®	S80B/.. + 2 MD64	S80C/.. + 4 MD64
ADC KRONE®		
KM8 keystone series	S80B/.. + 2 MD64	S80C/.. + 4 MD64
HK keystone series	S80B/.. + 2 MD64	S80C/.. + 4 MD64
MOLEX®	S80B/.. + 2 MD64	S80C/.. + 4 MD64
NEXANS® (LAN mark®-5 EVO, LAN mark®-6 EVO)	S80B/.. + 2 MD85	S80C/.. + 4 MD85
ORTRONICS®		
Clarity TechChoice Keystone	S80B/.. + 2 MD64	S80C/.. + 4 MD64
PANDUIT®	S80B/.. + 2 MD69	S80C/.. + 4 MD69
R&M® (REICHLE DE MASSARI®)		
CLASSIC Cat5e (R304326, R304325)	S80B/.. + 2 MD54	S80C/.. + 4 MD54
STAR Cat6 (R304328)	S80B/.. + 2 MD54	S80C/.. + 4 MD54
REAL 10 (R304327, R313083)	S80B/.. + 2 MD54	S80C/.. + 4 MD54
RIT®	S80B/.. + 2 MD67	S80C/.. + 4 MD67
SIEMON®		
MAX Keystone Series	S80B/.. + 2 MD64	S80C/.. + 4 MD64
SYSTIMAX® (AVAYA®) (ATT®)	S80B/.. + 2 MD63	S80C/.. + 4 MD63

Certain FTP connectors may be incompatible if installed in quadruple plates. Check compatibility.
Simon bears no responsibility for any change or modification made by the connector manufacturer.

Aluminium	Pure white Ral 9010	Graphite grey Ral 7021
/8	/9	/14

COMPATIBILITY CIMA VOICE AND DATA PLATES SIMON

Flat CIMA plates for connectors of other brands

	With dust protector		Without dust protector			
	2 connectors	4 connectors	1 connector	2 connectors	3 connectors	4 connectors
MANUFACTURERS						

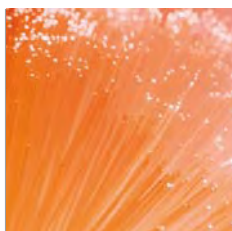
Finish options

/9 /14

SIMON	N► S76B/..*	N► S76C/..*	N► S076/..	N► S076B/..	S48 /9	N► S076C/..
3M® (Volition OCK®: RJ45, K5e, K6)	-	-	-	S045B/..	-	S045C/..
AMP netconnect® (TYCO®)						
Standard 110 SL110 and SL toolless	N► S76B/..	N► S76C/..	N► S076/..	N► S076B/..	S48 /9	N► S076C/..
216000 and 216005		N► S76C/..	N► S076/..	N► S076B/..	-	N► S076C/..
BeldenCDT® (NORDX®)						
Giga Flex MDVO	S68B/..	S68C/..	-	-	-	-
Giga Flex Keystone	N► S76B/..	N► S76C/..	N► S076/..	N► S076B/..	-	N► S076C/..
BRAND-REX® (BICC®)	N► S76B/..	N► S76C/..	N► S076/..	N► S076B/..	S48 /9	N► S076C/..
ERSYS®	N► S76B/..	N► S76C/..	N► S076/..	N► S076B/..	-	N► S076C/..
GENERAL CABLE®	N► S76B/..	N► S76C/..	N► S076/..	N► S076B/..	-	N► S076C/..
IBM®	S87B/..	S87C/..	-	-	-	-
INFRA +®	S75B/..	S75C/..	S075/..	S075B/..	-	S075C/..
ITT CANNON®	S65B/..	S65C/..	-	-	-	-
ADC KRONE®						
KM8 keystone series	N► S76B/..	N► S76C/..	N► S076/..	N► S076B/..	-	N► S076C/..
HK keystone series	S82B/..	S82C/..	-	-	-	-
MOLEX®	N► S76B/..	N► S76C/..	N► S076/..	N► S076B/..	-	N► S076C/..
NEXANS® (LAN mark®-5EVO, LAN mark®-6EVO)	S85B/..	S85C/..	S085/..	S085B/..	-	S085C/..
ORTRONICS®						
Clarity TracJack	-	-	Use adaptor plate S62/.. together with K281/..			S081C/..
Clarity TechChoice Keystone	N► S76B/..	N► S76C/..	N► S076/..	N► S076B/..	-	N► S076C/..
PANDUIT®	S69B/..	S69C/..	S069/..	S069B/..	-	S069C/..
R&M® (REICHLÉ DE MASSARI®)						
CLASSIC Cat5e (R304326, R304325)	-	-	-	S054B/..	-	-
STAR Cat6 (R304328)	-	-	-	S054B/..	-	-
REAL 10 (R304327, R313083)	-	-	-	S054B/..	-	-
RIT®	N► S76B/..	N► S76C/..	N► S076/..	N► S076B/..	S48 /9	N► S076C/..
SIEMON®						
MAX Series	-	-	-	S72 /9	-	S72 /9
MAX Keystone Series	N► S76B/..	N► S76C/..	N► S076/..	N► S076B/..	-	N► S076C/..
CT series	-	-	S51 /9	S51 /9	S51 /9	S51 /9
SYSTIMAX® (AVAYA®) (ATT®)	N► S76B/..	N► S76C/..	N► S076/..	N► S076B/..	-	N► S076C/..

/.. Finish * Also available in /8

N► New product



CIMA PLATES FOR OPTICAL FIBRE

Fibre all the way to the workstation

At SIMON we are one step ahead of the future and have believed in Optical Fibre access at workstation terminals for some time now. We therefore have a broad range of plates for most Optical Fibre connectors on the market.



Angled plate with the **AC80 accessory**, Optical Fibre winder mount



Plates without dust cover to allow easy fibre connections

Adapter modules that allow installing most connectors on the market: ST, SC, LC, VF, etc.

More Optical Fibre elements at:



Rack cabinet
+ information page 122



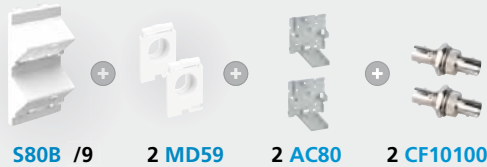
Distribution trays
+ information page 135



Adapters and connectors
+ information page 135



CIMA PLATES WITH 2 ST ADAPTERS



Angled CIMA plate with 2 ST adapters and 2 Optical Fibre winder mounts (optional)
For 4 connectors, use ref. S80C and 4 MD59



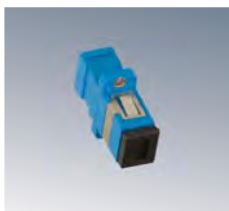
Flat CIMA plate with 2 ST Optical Fibre adapters



CIMA PLATES WITH 1 DUPLEX SC ADAPTER



Angled CIMA plate with 1 SC double adaptor and 1 free K45 mechanism and one Optical Fibre winder mount (optional)



CIMA PLATES FOR 2 INDIVIDUAL SCs (WITHOUT CONNECTORS)



Angled CIMA plate for 2 SC simplex connectors with 2 Optical Fibre winder mounts (optional)
For 4 connectors, use ref. S80C and 4 MD74



CIMA PLATES FOR LC (WITHOUT CONNECTORS)



Angled CIMA plate for 2 LC connectors with Optical Fibre winder mount (optional)



CIMA PLATES FOR 3M® VF-45 (WITHOUT CONNECTORS)



2 angled CIMA plates for 2 connectors VF-45 of 3M®

Accessories



AC80

Optical Fibre winder support for S80B/..and K74/.. plates in S62/...

CIMA ADAPTER PLATES



The Simon CIMA coverings can be completed in any solution of **K45 or Simon 27 Mechanisms using adaptor plates:**

- > K45 electrical sockets
- > K45 switching mechanisms
- > K45 Multimedia
- > K45 Signalling and Beacons
- > K45 Cable outlet
- > K45 Quick-connection
- > ...



CIMA adaptor plate (S44/8)

K45 snap-fit mechanisms

2 TYPES OF ADAPTER PLATES

Adaptation for K45 format

*See configuration
examples on
page 49*



S62/..
2 K45 mechanisms
vertical snap-fit



S44/..
2 K45 mechanisms
horizontal snap-fit



S66/..
2 K45 mechanisms
horizontal snap-fit



S74/..
1 K45 mechanism
vertical snap-fit

Adaptation for Simon 27

2 mechanisms
Simon 27



S78 /9

See page 48



Technical details
See page 161

CIMA ADAPTER PLATES

CIMA K45 mechanism adapter plates



S62 /8 /9 /14 CIMA adapter plate for 2 vertical K45 mechanisms



S66 /9 /14 CIMA adapter plate for 2 horizontal K45 mechanisms



S44 /8 /9 /14 CIMA adapter plate for 2 K45 Multi-sockets



S74 /9 CIMA adapter plate for 1 vertical K45 mechanism

To consult K45 mechanisms, see from page 72

CIMA adaptation plate for the SIMON 27 series mechanisms



S78 /9 CIMA adapter plate for SIMON 27

See SIMON 27 from page 17 from Simon General Catalogue 2010/2011

OTHER PLATES



S17 /8 /9 /14 CIMA blind plate



Technical details
See page 161

Aluminium	Pure white Ral 9010	Graphite grey Ral 7021
/8	/9	/14

i Modular configuration example

Centralisation of video-conferencing equipment



	Quantity	Ref./Finish	Description
Covering	1	SBM450	CIMA PRO 4 module flush box without frame
	1	SBM402/9	Frame for CIMA PRO 4 module flush box, white
Electrical sockets and plates	2	S95BU/9	CIMA flat Voice and Data plate with dust protector and 2 Cat. 5e UTP connectors, white
	1	S1/9	CIMA double Schuko with pilot light, white
	1	S44/9	CIMA adapter plate for 2 K45 mechanisms, white
	2	K101B/9	Half-mechanism K45 plate with 2 RCA connectors, white Screw connection
	2	K105/9	Blind half-mechanism K45 plate, white

i TV socket configuration example



	Quantity	Ref./Finish	Description
Covering	1	SBC400/9	CIMA PRO surface wall box 4 modules, white
Sockets, mechanisms and plates	1	S195DS/9	CIMA plate with 30 mA differential, white
	1	S1/6/9	CIMA double Schuko with pilot light, two-colour red-white
	1	S62/9	CIMA adapter plate for 2 vertical K45 mechanisms, white
	2	K120A/9	K45 CEI TV socket plate, single, male, screw-connection, white
	1	S44/9	CIMA adapter plate for horizontal K45 mechanisms, white
	1	K100B/9	K45 multimedia plate with 1 VGA connector, white Screw connection
	1	K101B/9	K45 plate with 2 RCA audio connectors, white Screw connection
	1	K128B/9	K45 plate with 1 USB connector type A, female. Screw connection
Access trunking	1	SBM31F/9	Adapter for 20x50 mm Mini-trunking, white
	1	TM12032/9	Mini-trunking 20x50 mm. 2 compartments, white

i Cable outlet configuration example



	Quantity	Ref./Finish	Description
Covering	1	SBC300/9	CIMA PRO surface wall box 3 modules, white
Sockets, mechanisms and plates	1	S1/9	CIMA double Schuko with pilot light, white
	1	S1/6/9	CIMA double Schuko with pilot light, dual colour red-white
	1	S62/9	CIMA adapter plate for 2 vertical K45 mechanisms, white
	1	K10/9	K45 cable outlet plate with clamping rings, white
	1	K96U/9	K45 flat V&D plate with 1 RJ45 connector, Cat 6 UTP, white

i Switching mechanism configuration example



	Quantity	Ref./Finish	Description
Covering	1	SBM350	3 module CIMA Pro embedded box with no frame
	1	SBM302/8	Frame for CIMA PRO 3 module flush-mount box, aluminium
Sockets, mechanisms and plates	3	S62/8	CIMA adapter plate for 2 vertical K45 mechanisms, aluminium
	6	K302	Single-pole 16A K45 switch with status pilot
	6	K112/8	K45 one mechanism button with red viewer, aluminium



TELEBLOCK K45



OFIBLOCK PLUS K45



OFIBLOCK COMPACT K45



OFIBLOCK LINE K45



K45 surface and
flush-mount boxes



K45 IP66 watertight
floor boxes



K45 anti-vandalism
mini-towers



K45 mini-columns



K45 columns

Simon K45

Coverings

- 52 > K45 TELEBLOCK
- 54 > K45 Ofiblock PLUS
- 56 > K45 Ofiblock COMPACT
- 58 > K45 Ofiblock LINE
- 60 > K45 surface and flush-mount boxes
- 62 > K45 IP66 watertight floor boxes
- 66 > K45 anti-vandalism mini-towers
- 68 > K45 mini-columns
- 70 > K45 columns

Mechanisms, sockets and plates

- 72 > K45 switching mechanisms
- 74 > K45 electrical sockets
- 76 > K45 protection elements
- 78 > K45 voice and data plates
- 82 > K45 multimedia plates
- 84 > K45 plates for optical fibre
- 86 > K45 plates for quick-connection system



Self-extinguishing, halogen-free materials:
A guarantee of safety for persons, equipment and information.



Compatibility with all the Voice, Data and Multimedia connectors on the market.

The most compact designs
for improved mechanism installation..



Quick installation.
The mechanisms of the K45 range are installed by direct snap-fitting without using any tools.





K45 TELEBLOCK

The Simon K45 TELEBLOCK provides a solution for any connection, adapting to any type of furnishings.



WiFi area



Offices



Hotels



Auditoriums



Meeting rooms



DIRECT
SNAP-FIT

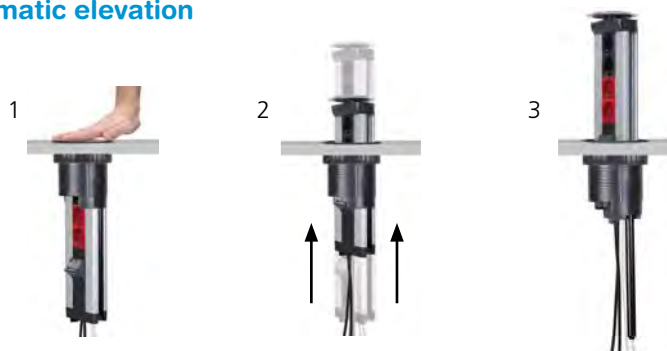
With all necessary materials

The K45 Teleblock section is supplied with one blind cover, two half-mechanism blind plates, metal divider plate, insertion ring (with push-pull or gas cylinder), screw thread for fitting and all necessary hardware for installation. (The cover and the trim frame are supplied separately.)



Mechanisms, electrical sockets and plates from page 72

Automatic elevation



Maximum integration



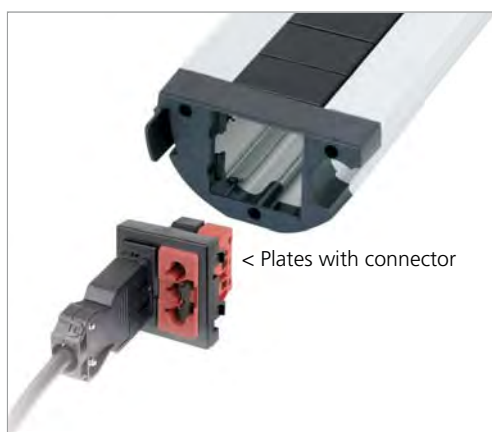
Open

When connected and folded it integrates perfectly into the furniture, hiding the connections. It acts as trunking when closed.



Closed

Entry plates for lower access



< Plates with connector

Quick connection.
Connectors and Patch cords on page 138

K19/14
< Tube inlet

K19/14
< Gland

TC250/0
Cable > organiser

K121A/14
K121B/14
< Quick Connection

K18/14
< Quick Connection

K305A/14
< Quick Connection

K20/14
< Cable inlet

Matt chrome-plated	Aluminium	Pure white Ral 9010	Graphite grey Ral 7021
/31	/8	/9	/14

K45 TELEBLOCK FOR CONFIGURATION



KTL202	For 2 K45 usable mechanisms with manual elevation
KTL203	For 3 K45 usable mechanisms with manual elevation
KTL204	For 4 K45 usable mechanisms with manual elevation
KTLE205	For 5 K45 usable mechanisms with automatic elevation
KTL205	For 5 K45 usable mechanisms with manual elevation
KTL206	For 6 K45 usable mechanisms with manual elevation

N
New
product



KTLA1 /14 /31

Cover and trim frame

K45 TELEBLOCK WIRED AND ASSEMBLED



KTLE216U	Includes 2 graphite-grey Schukos, 2 red Schukos and 2 RJ45 Cat. 6 UTP. Automatic elevation. *
KTLE215U	Includes 2 graphite-grey Schukos, 2 red Schukos and 2 RJ45 Cat. 5e UTP. Automatic elevation. *
KTL215U	Includes 2 graphite-grey Schukos, 2 red Schukos and 2 RJ45 Cat. 5e UTP. Manual elevation. *
KTL216U	Includes 2 graphite-grey Schukos, 2 red Schukos and 2 RJ45 Cat. 6 UTP. Manual elevation. *
KTL212-PACK CUISINE	Includes 2 graphite-grey Schukos and 1 electric patch cord 3x2.5 mm with Schuko plug. Manual elevation.

N
New
product

N
New
product



KTLA1 /14 /31

Cover and trim frame

* With 2 electrical patch cords of 3x2.5 mm², 2 m, Schuko plug and 2 voice and data 2 m.

Installation accessories

Electric connection patch cords. See page 141
Patch cords V&D. See page 132



K66

90° positioner for K45 plates on columns or vertical sections.
See page 80



TS10 /8 /14

Cable outlet with Ø 102 mm for desk or raised floor

Spare parts for K45 TELEBLOCK Automatic elevation

N
New
product



KTLA2

Gas cylinder for automatic elevation

Installation tools



H114

Cutting crown with 114 mm diameter



H114U

Spindle for H114 hole saw

Spare parts for K45 TELEBLOCK



KTLA3

Push-Pull module for manual elevation



KTLA4

Table attachment mount for manual elevation



KTLA5

Upper lock



KTLA6

Lower lock

Configuration example



	Quantity	Ref./Finish	Description
Covering	1	KTLE205	K45 Teleblock for 5 usable K45 mechanisms, automatic elevation
	1	KTLA1/14	Cover and trim frame, graphite
Electrical sockets and plates	2	K11/8	K45 electrical socket, Schuko, quick terminal connection, aluminium
	1	K100B/8	K45 plate 1 mechanism with 1 VGA female connector, aluminium. Screw connection
	1	K66	90° positioner for K45 VDM plates
	1	KB8096U/8	Angled K45 plate with dust protector and 2 RJ45 Cat. 6 UTP, aluminium
	1	K20/8	K45 cable input plate with retainer included, aluminium
	1	TC250/0	Cable organiser Ø 25 mm and 2 m length

Technical details
See page 162



K45 OFIBLOCK PLUS



5 Installation options

- Desktop
- Under desk
- Raised floor
- Wall mounted
- Mounted on screens or furniture
- Metal surface with magnet



With all necessary materials

Each K45 OFIBLOCK PLUS is supplied with its section, inner frames, screws and nuts, cut-out metal divider, 2 earth connections and 2 blind plates.

Mechanisms, electrical sockets and plates from page 72



Side inputs with K45 plates



< Plates with connector



Quick connection.
Connectors and Patch cords on page 138

K19/14
Tube inlet >



K19/14
Gland >

TC250/0
< Cable
organiser

K121A/14
K121B/14
< Quick
Connection

K21/14
< 20x30 mini-
trunking input
*Mini-trunking on
page 92*

K18/14
< Quick
Connection



K305A/14
< Quick
Connection

K20/14
< Cable inlet

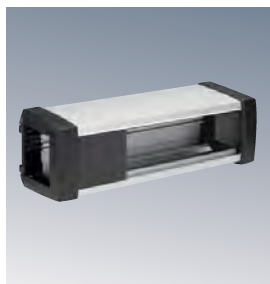


K10/14
< Quick
Connection



Transparent	Graphite grey Ral 7021	Pure white Ral 9010
/0	/14	/9

K45 OFIBLOCK PLUS (MODULAR INPUT NOT INCLUDED)



KFP103 /14	3 usable K45 mechanisms
KFP104 /14	4 usable K45 mechanisms
KFP105 /14	5 usable K45 mechanisms
KFP106 /14	6 usable K45 mechanisms
KFP107 /14	7 usable K45 mechanisms
KFP108 /14	8 usable K45 mechanisms

Modular K45 input plates



K19 /14
Tube or gland
Ø 22 mm
[+ information page 87](#)



K305A /14
Quick connection
CEI320 connector
[+ information page 86](#)



K20 /14
Cable input
2 cables of Ø 13 mm
and 4 of Ø 6 mm
[+ information page 87](#)



K21 /14
Mini-trunking
20x30 mm
[+ information page 87](#)



K10 /14
Cable input
Trunking
[+ information page 87](#)

K45 OFIBLOCK fastening mounts



KSF1
Individual or under
table



KSF2
Tandem under raised
floor



KSF3
Desktop



KSF5
Anchor on DIN guide



KSF6
Support with magnet
Requires 2 per OFIBLOCK
(Check availability)

Installation accessories



K105B/..
Multimedia Plates
3 RCA audio and
video connectors
[+ information page 83](#)



KTL8 /14
Electrical patch cord
[+ information page 140](#)



S600/1
Access to raised floor
Accessible cover
[+ information page 28](#)



K106A/..
Protection
K45 circuit-breaker
[+ information page 76](#)



TC250 /0
Organiser
[+ information page 116](#)



TS10 /14
Access to raised floor
Trunking
[+ information page 28](#)

Configuration example



	Quantity	Ref./Finish	Description
Covering	1	KFP103/14	K45 OFIBLOCK PLUS with 3 usable mechanisms, graphite
Electrical sockets and plates	1	K20/14	K45 cable input plate with retainer included, graphite
	1	KB96U/14	K45 flat V&D plate with 2 Cat. 6 UTP connectors, graphite
	2	K11/14	K45 electrical socket, Schuko, quick terminal connection, graphite
	1	AC11	Connection block for multi-sockets
	1	KSF3	OFIBLOCK mount for securing to desk
	1	TC250/0	Ø 25 mm, 2 m long cable organiser



K45 OFIBLOCK COMPACT



Multiple side inputs

- Quick connection
- Direct cable

Shares accessories with K45 OFIBLOCK PLUS

- Desktop
- Under desk
- Raised floor
- Mounted on wall or screen
- Metal surface with magnet

With all necessary materials

Each K45 OFIBLOCK COMPACT is supplied with its section, blind side cover, direct cable input side cover, screws and nuts and blind front plate, providing space for cables.

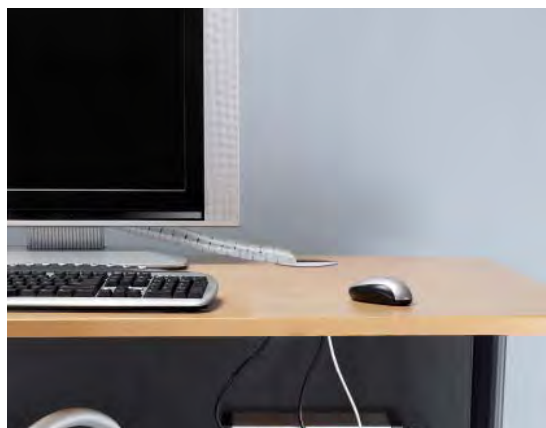
Mechanisms, electrical sockets and plates from page 72



Can be installed in a raised floor

It installs sockets with pilot light under the floor to make locating the connection points easier.

Ideal for low-height raised floors



Allows quick connection

Optional side cover for quick-connection input.



Easy installation by direct snap-fitting of the K45 mechanisms.



Transparent	Graphite grey Ral 7021	Pure white Ral 9010	Pale grey Ral 7035
/0	/14	/9	/24

K45 OFIBLOCK COMPACT WITH DIRECT CABLE INPUT



KFC102 /9 /14	2 usable K45 mechanisms
KFC103 /9 /14	3 usable K45 mechanisms
KFC104 /9 /14	4 usable K45 mechanisms
KFC105 /9 /14	5 usable K45 mechanisms
KFC106 /9 /14	6 usable K45 mechanisms
KFC107 /9 /14	7 usable K45 mechanisms
KFC108 /9 /14	8 usable K45 mechanisms
KFC109 /9 /14	9 usable K45 mechanisms
KFC110 /9 /14	10 usable K45 mechanisms

Modular side input covers



ACFC01 /24
Blind side cover



ACFC02 /24
Side input cover
direct cable



ACFC03 /24
Side entry cover
single quick connection
Connectors on page 138



ACFC04 /24
Side input cover
double quick connection
Connectors on page 138

K45 OFIBLOCK fastening mounts



KSF1
Individual or under
table



KSF2
Tandem under raised
floor



KSF3
Desktop



KSF4
Wall mounted Requires
2 per OFIBLOCK



KSF5
Anchor on DIN guide



KSF6
Support with magnet
Requires 2 per OFIBLOCK
(Check availability)

Installation accessories



K302 + K112/..
K45 switch
+ information page 72



K106A/..
Protection
K45 circuit-breaker
+ information page 76



S600/1
Access to raised floor
Accessible cover
+ information page 28



TC250/0
Organiser
+ information page 116



K129B/..
Multimedia Plates
1 HDMI connector
+ information page 83



TS10 /14
Access to raised floor
Trunking
+ information page 28

Configuration example



	Quantity	Ref./Finish	Description
Covering	1	KFC103/9	K45 OFIBLOCK COMPACT with 3 usable K45 mechanisms, white
Electrical sockets and plates	1	KB96U/9	K45 flat V&D plate with 2 Cat. 6 UTP connectors, white
	2	K11/9	K45 electrical socket, Schuko, quick terminal connection, white
	1	AC11	Connection block for multi-sockets
	1	KSF3	Desktop OFIBLOCK COMPACT mount
	1	TC250/0	Cable organiser Ø 25 mm and 2 m length



K45 OFIBLOCK LINE

Functional design



Offices



Hotels



Auditoriums



Meeting rooms



Education centres



Shopping centres

- With the new K45 OFIBLOCK LINE, connections are perfectly integrated within the furnishings and are accessible for use.

Easy integration

Rear cable inputs to facilitate installation in any furnishing space from 10 mm thick.



Easy and safe installation

OFIBLOCK fits into the frame at the rear and is safely secured by 4 fastening clips.



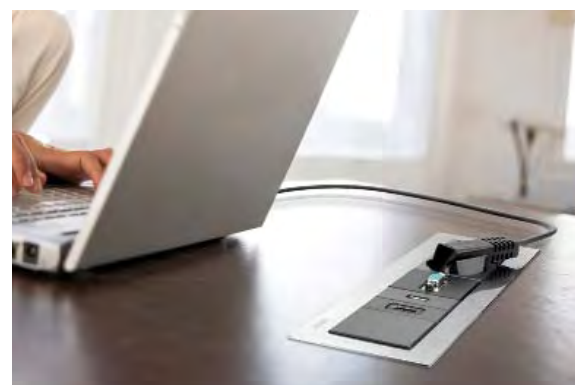
Option of mechanisms in different finishes

/8 /9 /14



Integral design

The frame incorporates straight lines and minimalist aesthetics that blend in with all furnishing styles.



Polished chrome-plated steel	Graphite grey Ral 7021
/8	/14

K45 OFIBLOCK LINE



KSF134 /8 4 usable K45 mechanisms

KSF136 /8 6 usable K45 mechanisms



i Frame finishes



Polished chrome-plated steel
(**KSF13X** /8)



Shiny chrome-plated steel
On request



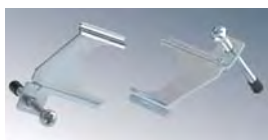
Matt steel
On request



Colour painted option ■ ■ ■ ...
On request

K45 OFIBLOCK LINE FASTENING SUPPORT

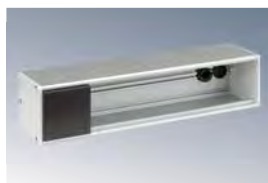
0
Optional



KSF7 Set of 2 clips to secure the Ofiblock Line K45 with ease.
(For tables of 10 to 50 mm thick)



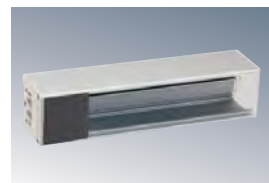
K45 OFIBLOCK REAR INPUTS (FOR FURNISHINGS FROM 10 mm THICK)



KFC134 /14 4 K45 usable mechanisms and 4 cable outlets

KFC136 /14 6 K45 usable mechanisms and 4 cable outlets

Supplied with the section, 2 side blind covers, front blind plate, 4 clamps and 3 blocks.



K45 OFIBLOCK COMPACT SIDE INPUTS (FOR FURNISHINGS FROM 10 mm TO 24 mm THICK)

KFC104 /14 4 usable K45 mechanisms

KFC106 /14 6 usable K45 mechanisms

It is supplied with the sections, side blind cover, side cable input cover and front blind plate

KITS



K45 Kit OFIBLOCK 4 mechanisms rear inputs

KFC1446U /14

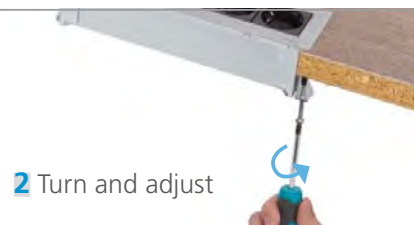
With 3 K45 electrical sockets, 2 RJ45 connectors Cat. 6UTP, 2 electrical patch cords 3x2.5 mm², 2 m, Schuko socket and 2 UPD, 2 m.



i Assembly sequence KSF7 fastening support



1 Insert



2 Turn and adjust

i Configuration example



	Quantity	Ref./Finish	Description
Covering	1	KFC134/8	K45 Ofiblock Line, polished chrome-plated
	1	KFC134/14	K45 Ofiblock with 4 usable K45 mechanisms, rear inputs, graphite
Electrical sockets and plates	3	K11/14	K45 electrical socket, Schuko, quick terminal connection, graphite
	2	AC11	Connection block for multi-sockets
	1	KB96U/14	K45 V&D plate with 2 connectors Cat. 6 UTP, graphite

Technical details
See page 165



K45 SURFACE AND FLUSH-MOUNT BOXES



Double surface box



Single flush-mount box



With all necessary materials

The K45 Surface and Flush-mount Box is supplied with a **separating plate**, fastening plugs and all the necessary screws and nuts.

Mechanisms, electrical sockets and plates from page 72



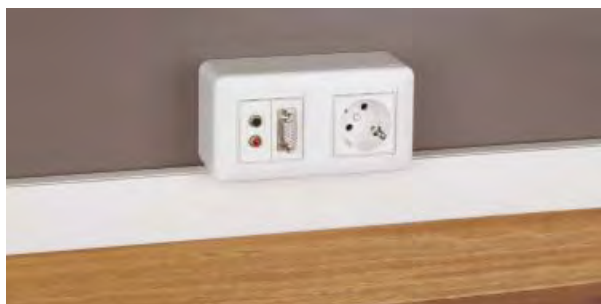
Ideal for deep connectors

Especially designed to be able to install FTP and category 7 connectors, where the depth and the radius of curvature are very critical.

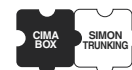


The necessary depth is reached by installing a flush-mount box and the surface box.

Combine with Simon Mini-trunking



The SCM21F/9 and SCM31F/9 allow access by Mini-trunking.



Graphite grey
Ral 7021

 Pure white
Ral 9010

/14

/9

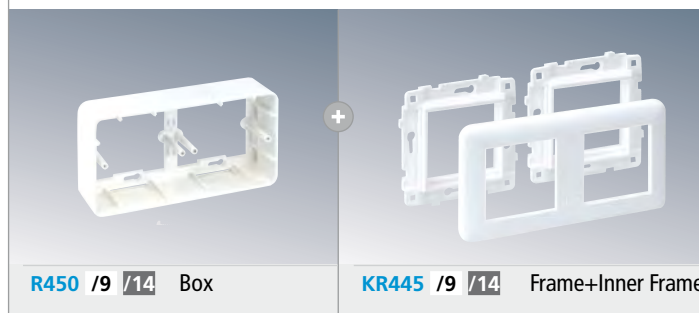
SURFACE INSTALLATIONS

1 K45 mechanism


R250 /9 /14 Box

KR245 /9 /14 Frame+Inner Frame

2 K45 mechanisms


R450 /9 /14 Box

KR445 /9 /14 Frame+Inner Frame

Supplied
from SIMON
Mini-trunking (front)

Mini-trunking on page 92


SCM21F /9
Adapter for 20x30 mm Mini-trunking

SCM31F /9
Adapter for 20x50 mm
Mini-trunking

i Surface configuration example



	Quantity	Ref./Finish	Description
Covering	1	KR445/9	K45 double frame and 2 K45 inner frames, white
	1	R450/9	K45 double surface box, white
Electrical sockets and plates	1	K01/9	K45 electrical socket, Schuko Screw terminal connection, white
	1	K100B/9	K45 plate 1 mechanism with 1 VGA female connector, white Screw connection
Mini-trunking access	1	SCM31F/9	Adapter for 20x50 mini-trunking, white
	1	TM12032/9	20x50 mini-trunking, 2 compartments, white

FLUSH-MOUNT INSTALLATIONS

1 K45 mechanism


MR200 Universal box for
masonry wall

KR245 /9 /14 Frame+Inner Frame

2 K45 mechanisms


2 MR200 Universal box for
masonry wall

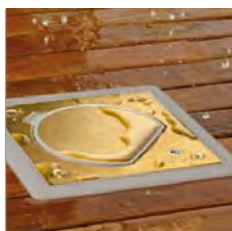
KR445 /9 /14 Frame+Inner Frame

i Flush-mount configuration example



	Quantity	Ref./Finish	Description
Covering	1	KR245/14	K45 Single frame and K45 inner frame, graphite
	1	MR200	K45 universal flush-mount box for masonry wall
Electrical sockets and plates	1	K01/14	K45 electrical socket, Schuko Screw terminal connection, graphite

Technical details
[See page 166](#)



IP 66 WATERTIGHT FLOOR BOXES

Occasional connection is often required **in open outdoor areas** When closed, the IP66 protection level keeps water and moisture away from the electrical mechanisms.

Can be installed in:



Shopping centres



Conference halls



Hotels



Home



Gardens



Health centres



Sports centres



Museums



Terraces



Airports



DIRECT
SNAP-FIT

IP66 protection level



Fully
protected
from dust

It withstands
water flow at
1 kg/cm²
in any direction

Combine with Simon 44 AQUA

See page 205 from Simon General Catalogue 2010/2011



A tray for each kind of floor

Raised floor



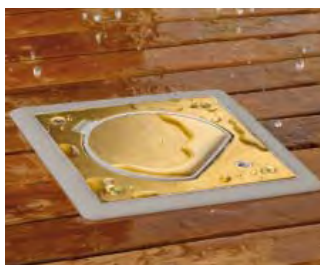
Paving



WATERTIGHT BOX FOR RAISED FLOOR



For ground installation in **gardens and terraces, wooden decking, parquet flooring or raised flooring.**

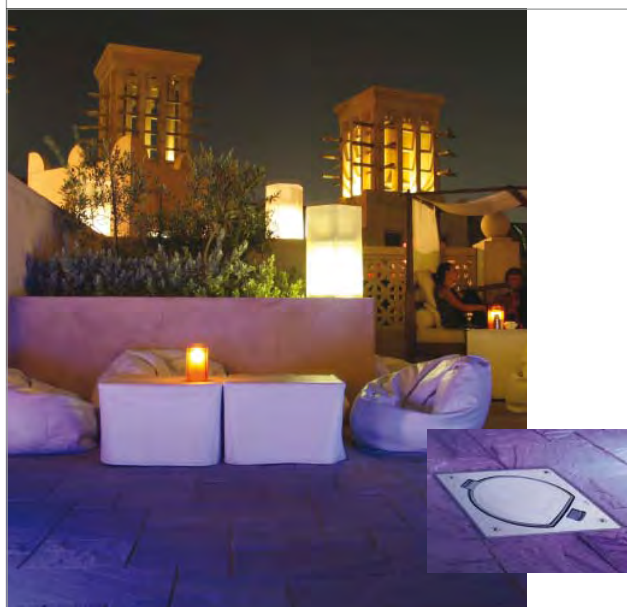


The **bevelled tray** secures the box and hides any installation defects.

Installation via **fastening clips** that anchor the box.



WATERTIGHT BOX FOR PAVING

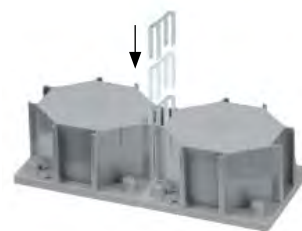


Allows flush installation of the box in **all types of paving (porcelain tile, terrazzo, ceramic, etc.).**



Grouping of watertight boxes

The boxes can be grouped together to provide more than one connection point.



✓ A mechanism holder for each environment



Safety lock
Suitable for areas with **public access**

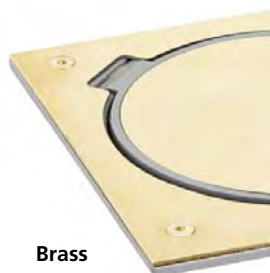


Manual lock
Suitable for less demanding environments

IP 66 WATERTIGHT FLOOR BOXES - CHARACTERISTICS

Reinforced cover

New cover design with greater reinforcement to withstand side impacts.



Brass



Stainless Steel

Maximum resistance

When connected, it can withstand the weight of pedestrians while protecting the cable from pressure and stress.



Safety cover

The **hinge, which opens to less than 90°**, prevents the cover from being left open accidentally causing people to trip over it.



Electricity, Voice and Data in a single box

The **KSE16U/23** mechanism holder incorporates a Schuko electrical connection and an RJ45, Cat. 6 UTP.



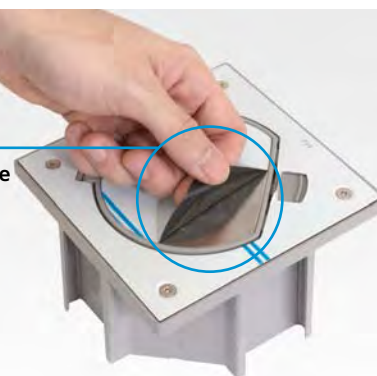
Installation system

An optional drainage pipe can be installed to drain away any possible condensation inside the box. The tray includes a wooden cover that prevents any dirt from getting inside it during installation.

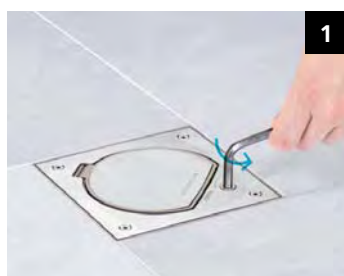


Protective film

Includes **protective film** to avoid the box surface being soiled or damaged during installation.



Safety lock, opening and closing system



1



2



3



4

The cover-locking system prevents it from closing accidentally or pinching the cable.

Grey
Ral 7036

Brass

Stainless
Steel

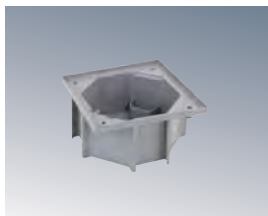
/23

/71

/72

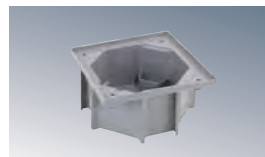
TRAYS

Installation in raised flooring



KGE170TF /23

Flush-mount tray for watertight floor box in **raised floor**, grey colour



Solid floor installation

KGE170 /23

Flush-mount tray for watertight floor box in **paved floor**, grey colour



ACSE

Connector accessory for 2 watertight floor boxes for paved floor



COMMON MECHANISM HOLDER FOR BOTH TRAYS

Mechanism holder with safety lock



Stainless steel /72

Brass /71

KSE1SEC/23 /72 /71

With a Schuko socket

KSE0SEC/23 /72 /71

For a K45 mechanism

KSE15USEC/23 /72 /71

With a Schuko socket and 1 RJ45 connector, Cat. 5e UTP



Spare parts



RKS001 /72 /71

Watertight Box Cover



RKS003

Watertight seal Square



RKS004

Watertight seal Circular

Mechanism holder with manual lock



Stainless steel /72

Brass /71

KSE15U/23 /72 /71

With a Schuko socket and 1 RJ45 connector, Cat. 5e UTP

KSE1/23 /72 /71

With a Schuko socket

KSE0/23 /72 /71

For a K45 mechanism

KSE16U/23 /72 /71

With a Schuko socket and 1 RJ45 connector, Cat. 6 UTP



i Paved floor configuration example

Tray for paved floor



KGE170/23



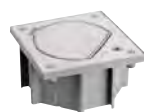
Mechanism holder with safety lock



KSE1SEC/23 /72



Watertight floor box assembly



Watertight floor box with safety lock and Schuko socket Stainless-steel finish

i Raised floor configuration example

Tray for raised floor



KGE170TF/23



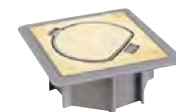
Mechanism holder



KSE15U/23 /71



Watertight floor box assembly



Watertight floor box for raised floor with 1 Schuko socket and 1 RJ45 connector Cat. 5e UTP. Brass finish



K45 ANTI-VANDALISM MINI-TOWERS

Maximum strength: The metal structure of stainless steel and anodised aluminium, together with the plastic trims, provide the balance between mechanical resistance and aesthetics.



Industrial Buildings



Warehouses



Mechanical workshops



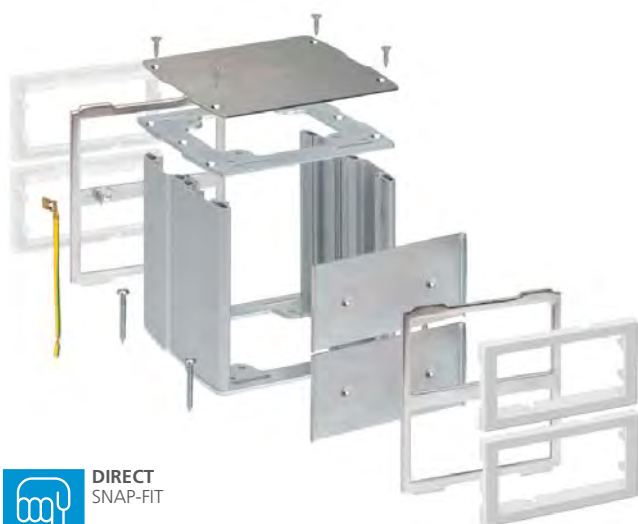
Education centres



Sports centres



DIRECT SNAP-FIT



K45 direct snap-fitting mini-towers:

Optional direct snap-fit installation of up to 12 K45 mechanisms without the need for accessories.



Metal divider plate

Guarantees the electromagnetic immunity of the Voice, Data and Multimedia (VDM) installation.



Easy maintenance

Fold-down inner frames that facilitate the installation and maintenance of connections.



See CIMA mini-towers on page 30



With all necessary materials

Supplied with inner frames, trim, metal divider plate, connection cable with earth connection and all necessary hardware for installation.



Mechanisms, electrical sockets and plates from page 72



With protective sheath

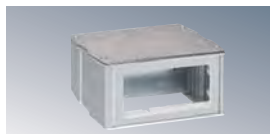
Protects the mechanisms from impact in adverse environments



Combine with Simon 27 SCUDO

See page 49 from Simon General Catalogue 2010/2011





K45 DOUBLE SIDED MINI-TOWERS

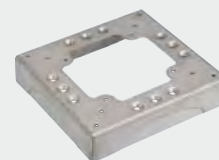
KT400 /8 2 K45 mechanisms per side

KT401 /8 2 K45 mechanisms per side with protective sheath

KT800 /8 4 K45 mechanisms per side

KT1200 /8 6 K45 mechanisms per side

0
Optional



KTA804 /8 Base

Accessories/Spare Parts



KTA401 /8

Protective sheath for KT400/8 mini-tower

FLUSH-MOUNT POWER SUPPLY

The mini-tower can be installed directly or by incorporating the base to elevate the mechanisms and achieve greater isolation from the floor.

Configuration example

	Quantity	Ref./Finish	Description
Front face			
Covering	1	KT800/8	K45 mini-tower, 4 mechanisms per side
Electrical sockets and plates	4	K11/14	K45 electrical socket, Schuko. Quick terminal connection, graphite
	4	KB96U/14	K45 flat V&D plate with 2 RJ45 connectors Cat. 6 UTP, graphite
Rear face	1	KTA804/8	Elevation base (optional)

POWER SUPPLY THROUGH FLOOR TRUNKING

Choose the corresponding base for the trunking section and distribution of the installation. [Floor trunking and bases on page 114](#)

Configuration example

	Quantity	Ref./Finish	Description
Front face			
Covering	1	KT1200/8	K45 Anti-vandalism mini-tower, 6 mechanisms per side
Electrical sockets and plates	3	K11/9	K45 electrical socket, Schuko Quick terminal connection, white
	3	K11/6	K45 electrical socket, Schuko Quick terminal connection, red
	2	AC11	Connection block for multi-sockets
	1	K106A/9	K45 plate with 10A automatic circuit-breaker, Curve C, white
	1	KB96U/9	K45 flat V&D plate with 2 RJ45 connectors, Cat. 6 UTP, white
	1	KA96U/9	Half-mech. plate K45 flat V&D plate with 1 RJ45 connector, Cat. 6 UTP, white
	1	K122/9	K45 Multimedia plate for 1 XLR connector, white
	1	K120A/9	K45 end CEI TV socket, screw-connection, white
	1	K100B/9	K45 multimedia plate with one (1) HD15 VGA female connector, white Screw connection
	1	K123B/9	K45 multimedia plate with one (1) 3.5 mm stereo mini-jack connector. Screw connection
Rear face	1	KTA804/8	Elevation base for 85x18 mm floor trunking, aluminium
	1	TF11172/8	85x18 mm DCS floor trunking

K45 MINI-COLUMNS



Offices



Laboratories



**DIRECT
SNAP-FIT**

4 K45 MINI-COLUMN MODELS

Simplicity

- 1 face



Compact

- 1 face for VDM
- 1 side for Schukos (ref. K01/..)



For 4 workstations Maximum capacity

- 4 faces



For 2 workstations Aesthetics

- 2 faces
- Oval shaped



Flush-mount power supply

(Cables embedded in paving or under raised floor)

K45 mini-columns are installed directly using floor attachment foot.



**DIRECT
SNAP-FIT**



Supplied with all necessary materials for installation

With **only one reference**, the K45 mini-columns are supplied complete and installation-ready: foot for floor attachment, top and side covers and fastenings.

Mechanisms, electrical sockets and plates from page 72



Power supply through floor trunking

(Floor trunking 85x18 and 130x18)
The adaptor ALKA02/8 provides for K45 mini-columns installation at the bases of the floor trunking and power is supplied through the mini-column.

Floor trunking and bases on page 114



i Configuration example of cable access through embedded tubes



	Quantity	Ref./Finish	Description
Covering	1	ALK115/8	K45 Mini-column No. 1, 70x60, one side for 5 mechanisms
Electrical sockets and plates	2	K11/9	K45 electrical socket, Schuko. Quick terminal connection, white
	2	K11/6	K45 electrical socket, Schuko. Quick terminal connection, red
	2	AC11	Connection block for multi-sockets
	1	KB96U/9	K45 flat V&D plate with 2 RJ45 connectors, Cat. 6 UTP, white
	1	K66	90° positioner for K45 VDM plates

Aluminium
Anodised

Pure white
Ral 9010

Graphite grey
Ral 7021

/8

/9

/14

K45 MINI-COLUMNS



1 Side 70x60 mm

ALK115 /8 5 K45 mechanisms per side

ALK116 /8 6 K45 mechanisms per side

ALK117 /8 7 K45 mechanisms per side

No limitations in housing mechanisms



2 Side oval 110x80 mm

ALK724 /8 4 K45 mechanisms per side

ALK725 /8 5 K45 mechanisms per side

ALK726 /8 6 K45 mechanisms per side

No limitations in housing mechanisms



2 Side square 80x80 mm

ALK224 /8 4 K45 mechanisms per side

ALK225 /8 5 K45 mechanisms per side

ALK227 /8 7 K45 mechanisms per side

Designed for electrical bases with screw terminal connections on 1 side and VDM on the opposite side.



4 Sides 125x125 mm

ALK544 /8 4 K45 mechanisms per side

ALK545 /8 5 K45 mechanisms per side

ALK546 /8 6 K45 mechanisms per side

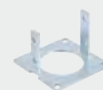
Does not allow electrical sockets with quick terminal connection on 2 of the 4 faces. No restrictions for other mechanisms.

Spare parts

Mini-column invisible fixed foot



RALK005 /8
1 Side ALK11x/8



RALK007 /8
2 Sides square
ALK22x/8



RALK006 /8
2 Sides oval
ALK72x/8



RALK008 /8
4 Sides ALK54x/8

End cover



RALK009 /8
1 Side ALK11x/8



RALK011 /8
2 Sides square
ALK22x/8



RALK010 /8
2 Sides oval
ALK72x/8



RALK012 /8
4 Sides ALK54x/8

K45 Installation accessories



K66
Mechanism Adaptation
K45 90° positioner for
VDM plates
[+ information page 80](#)



K106A/..
Protection
K45 circuit-breaker
[+ information page 76](#)



K100B/..
Multimedia Plates
1 VGA connector plate
[+ information page 82](#)



K11/..
Electrical sockets
Quick-connection terminals
[+ information page 74](#)



KB95U/..
VD plates
VD plate with connector
[+ information page 78](#)

Configuration example of cable access through floor trunking



	Quantity	Ref./Finish	Description
Covering	1	ALK227/8	K45 Mini-column No. 2, 80x80, 7 mechanisms on each side
Electrical sockets and plates	4	K01/9	K45 electrical socket, Schuko, white
	1	KF04A/9	K45 plate with 10A bipolar automatic circuit-breaker, curve C, white
	1	KB8096U/9	K45 angled V&D plate with 2 RJ45 connectors, Cat. 6 UTP, white
	1	K66	90° positioner for K45 VDM plates
	1	K101B/9	K45 multimedia plate with 2 RCA audio connectors, white Screw connection
	1	K128B/9	K45 multimedia plate with 1 USB connector type A, female. Screw connection
	2	K122/9	K45 Multimedia plate for 1 XLR male or female connector, white
	1	KTA804/8	Base for tiled floor trunking
	1	ALKA02/8	Adapter for base
	1	TF21172/8	Aluminium trunking for paved floor

Technical details
[See page 170](#)



K45 COLUMNS



Easy to install

The column is secured to the ceiling by pressure, without the need for screwing into the ground or the structure.

Highly varied range

There are 4 different section models depending on the number of connection sides, from 1 to 4, in which an unlimited number of mechanisms can be installed.

Installation mobility

The columns are **secured by pressure** on the floor slab. They do not have to be bolted to the floor, and it is therefore very easy to reconfigure the distribution of workstations.



CIMA columns with finishes in white and graphite on page 34

Supplied with all necessary materials for installation

With only one reference, the K45 columns are supplied complete and installation-ready: floor attachment foot, ceiling trim, telescopic assembly for securing to the floor slab, aluminium covers and fastenings.

Mechanisms, electrical sockets and plates from page 72



i Configuration example of a column for a supermarket checkout



Covering	Quantity	Ref./Finish	Description
	1	ALK1100/8	Column, 70x60, one side, length 3 m.
Electrical sockets and plates	1	K11/9	K45 electrical socket, Schuko. Quick terminal connection, white
	2	K11/6	K45 electrical socket, Schuko. Quick terminal connection, red
	1	AC11	Connection block for multi-sockets
	1	KB8096U/9	K45 angled V&D plate with 2 RJ45 connectors, Cat. 6 UTP, white
	1	K66	K45 90° positioner for VDM plates

K45 COLUMNS

1 Side 70x60 mm

ALK1100 /8 1 side. 3 m.

No limitations in housing mechanisms

2 Sides square 80x80 mm

ALK2200 /8 2 Sides, square 3 m.

Designed for electrical bases with screw terminal connections on 1 side and VDM on the opposite side.

2 Sides oval 110x80 mm

ALK7200 /8 2 Sides, oval 3 m.

No limitations in housing mechanisms

4 Sides 125x125 mm

ALK5400 /8 4 Sides. 3 m.

Does not allow electrical sockets with quick terminal connection on 2 of the 4 faces. No restrictions for other mechanisms.

Fastening support length: 0.5 m

Column Extension 2 sides, square

Includes connector pins

0
Optional

ALK22P05 /8	0.5 m extension
ALK22P10 /8	1 m extension
ALK22P15 /8	1.5 m extension

Section length of the column: 3 m. Fastening support length: 0.5 m

Column Extension 2 sides, oval

Includes connector pins

0
Optional

ALK72P05 /8	0.5 m extension
ALK72P10 /8	1 m extension
ALK72P15 /8	1.5 m extension

Section length of the column: 3 m. Fastening support length: 0.5 m

Column extension 4 sides

Includes connector pins

0
Optional

ALK54P05 /8	0.5 m extension
ALK54P10 /8	1 m extension
ALK54P15 /8	1.5 m extension

Spare parts

Ring trim

RALK001 /8
for False Ceiling Column 1
Side ALK1100/8

RALK002 /8
for False Ceiling Column 2
Sides ALK2200/8

RALK003 /8
for False Ceiling Column
2 Sides oval ALK7200/8

RALK004 /8
for False Ceiling Column 4
Sides ALK5400/8

Front cover

RALK013 /8
3 m for K45 columns ALK11X/8,
ALK22X/8 and ALK54X/8

RALK014 /8
3 m for K45 Columns
ALK72X/8

K45 Installation accessories



K66
Mechanism Adaptation
K45 90° positioner for
VDM plates
+ information page 80



K106A/..
Protection
K45 circuit-breaker
+ information page 76



K100B/..
Multimedia Plates
1 VGA connector plate
+ information page 82



K111/..
Electrical sockets
Quick-connection terminals
+ information page 74



KB95U/..
VD plates
VD plate with connector
+ information page 78

K45 SWITCHING MECHANISMS

16
A

Especially for offices

Especially designed for spaces with a high density of fluorescent lights, as they support a nominal current of 16 A. Recommended for offices, hospitals, conference halls, etc. as they support current peaks that may occur.



Offices



Health centres



Conference halls



Shopping centres



DIRECT
SNAP-FIT

✓ Status pilot or pilot light



Push-button with pilot light: for illuminating the mechanism and detecting where it is in the dark.



Switch with status pilot: indicates whether the charge on which it operates is powered or not.



✓ 16A Bipolar switches



✓ 90° positioner

Installs the switching mechanisms on all coverings and trunkings. Also on K45 Columns or K45 TELEBLOCK using the positioner.



Supplied with the mechanism

Aluminium
Painted

Pure white
Ral 9010

Graphite grey
Ral 7021

/8

/9

/14

SINGLE-POLE 16 A SWITCHING MECHANISMS

Switches



K301 Single-pole 16 A K45 switch without status pilot

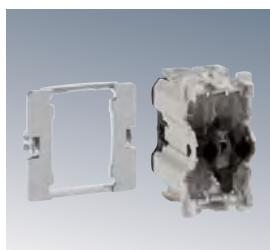
Buttons



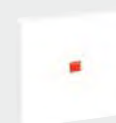
K110 /8 /9 /14



K109 /8 /9 /14



K302 Single-pole 16 A K45 switch with status pilot



K112 /8 /9 /14



K115 /8 /9 /14

The 90° positioner is supplied with the mechanism

Push-buttons



K303 Single-pole 16 A K45 push-button without status pilot

Buttons



K110 /8 /9 /14



K109 /8 /9 /14



K304 Single-pole 16 A K45 push-button with pilot light



K114 /8 /9 /14



K113 /8 /9 /14

The 90° positioner is supplied with the mechanism

16A BIPOLAR SWITCHES



K125A /9 /14 K45 plate with 16 A bipolar switch



KL04 /9 /14 K45 plate with 16 A bipolar illuminated switch

Spare parts

Switching mechanisms
16 A single-pole



K366
90° positioner



K45 ELECTRICAL SOCKETS



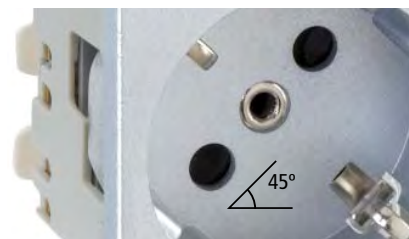
Multi-sockets

Multi-sockets can be created using the AC11 connection accessory.



High connection density

45° sockets allowing high connection density.



Shutter:

Protection



All our sockets include a protective shutter that prevents direct contact with live parts

Selective safety

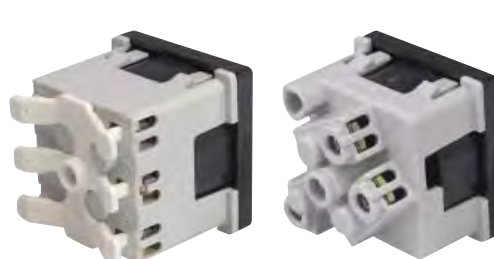


They protect the UPS line, **allowing only the connection of computer equipment.**

Quick screw-on terminal connection

Quick

Screw



Supports rigid and flexible 2.5 mm² cables

A finish for every application



Red finish

to connect personal computers with uninterrupted-power-supply equipment.



Orange finish

for specific power supply for servers or in laboratories.



Green finish

for the health sector.



Red Ral 3002	Orange Ral 2009	Aluminium	Pure white Ral 9010	Graphite grey Ral 7021	Green Ral 6016
/6	/7	/8	/9	/14	/27

SCREW TERMINAL CONNECTION

Electrical sockets



K01 /6 /7 /8 /9 /14 Schuko socket with protective shutter

K02 /6 /8 /9 /14 French socket with protective shutter



KLS01 /6 /7 /9 /14 Schuko socket with safety shutter and pilot light (including pin)

KLS02 /6 /9 /14 French socket with safety shutter and pilot light (including pin)



KL01 /6 /7 /9 /14 Schuko socket with protective shutter and pilot light

KL02 /6 /9 /14 French socket with protective shutter and pilot light

QUICK TERMINAL CONNECTION

Electrical sockets



K11 /6 /7 /8 /9 /14 /27 Schuko socket with protective shutter

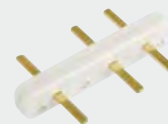
K22 /6 /7 /8 /9 /14 /27 French socket with protective shutter



KS11 /6 /9 /14 Socket with safety shutter (pin included)

KS22 /6 /9 /14 Socket with safety shutter (pin included)

Connection block



AC11 Connection block for multi-sockets

See application at bottom of page.

Spare parts



AC33 /6

Pin for unblocking the safety shutter on KLS0../.. and KS../.. sockets

Assembly of multi-sockets using the connection block



Insert the connection block in the contacts of the socket.



Press until the connection block is completely inserted in the contacts.



Repeat the process with the next socket and then with the others.



K45 PROTECTION ELEMENTS

The K45 plates with protection elements provide **protection** to persons from electrical hazards and to installations from overcurrents and overloads.



✓ K45 format

The K45 format differential circuit-breakers can be installed in the K45 surface and flush boxes, and thanks to their **high 10 mA sensitivity**, they are suitable for training centres, schools and nurseries.



K45 DIN format

OFIBLOCK K45 assembly, parameter trunking, mini-columns and direct snap-fit K45 columns.



Aesthetic integration

✓ Assembly sequence of the plate for DIN format elements



Clip the DIN guide to the circuit-breaker or differential switch.



Clip the assembly to the section or to the perimeter trunking.



Fit on the top cover.

Aluminium	Pure white Ral 9010	Graphite grey Ral 7021
/8	/9	/14

K45 PLATES WITH PROTECTION ELEMENTS



- KF04A** /8 /9 /14 K45 plate 3 mechanisms with 16 A bipolar circuit-breaker, Curve C
- KF04B** /8 /9 /14 K45 plate 3 mechanisms with 10 A bipolar circuit-breaker, Curve C



- KF04C** /8 /9 /14 K45 plate 3 mechanisms with 25 A differential, with $I_{\Delta N}$ sensitivity of 30 mA



- K106A** /8 /9 /14 K45 plate with 10 A circuit-breaker, Curve C



- K107A** /8 /9 /14 K45 plate with 10 A circuit-breaker differential, with $I_{\Delta N}$ sensitivity of 10 mA



K45 PLATES FOR DIN FORMAT PROTECTION ELEMENTS

- KF03** /8 /9 /14 K45 plates 3 mechanisms for circuit-breaker or differential, DIN format

i OFIBLOCK PLUS K45 configuration example



	Quantity	Ref./Finish	Description
Covering	1	KFP105/14	OFIBLOCK PLUS K45 with 5 usable K45 mechanisms, graphite
Electrical sockets and plates	1	KF04B/14	K45 plate with 10A bipolar circuit-breaker, curve C, graphite
	3	K11/14	Quick terminal connection Schuko-format K45 electrical socket, graphite
	2	AC11	Connection block for multi-sockets
	1	K20/14	K45 cable input plate with retainer included, graphite

K45 VOICE AND DATA PLATES



DIRECT
SNAP-FIT

Angled plates

The angled plates are perfect for large connectors and respect **radii of curvature** in category 6 and FTP cables.



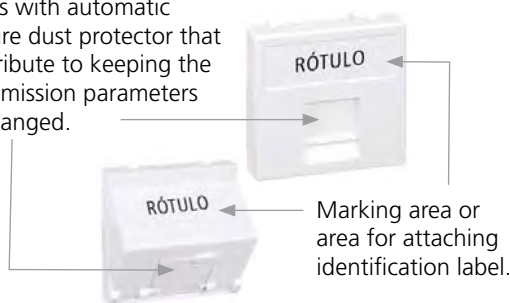
Flat plates

Flat plates provide full integration in boxes and trunkings.



We take care of the connectors

Plates with automatic closure dust protector that contribute to keeping the transmission parameters unchanged.



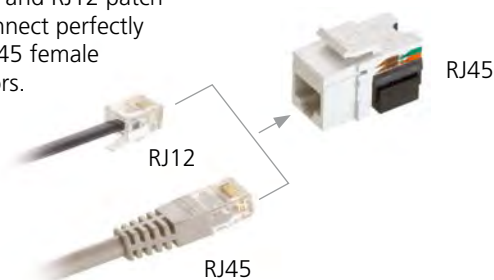
Full compatibility

The SIMON philosophy has always been to make it possible to add any connector on the market to our coverings.



1 connector for several types of patch cords

The RJ11 and RJ12 patch cords connect perfectly to the RJ45 female connectors.



More Solutions for Structured Cabling



Rack Cabinet page 112

Cable page 130

MD modules for angled plates

Clipping sequence of the MD modules on angled plates.

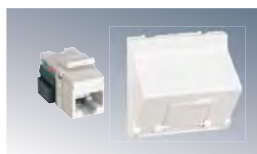


Aluminium	Pure white Ral 9010	Graphite grey Ral 7021
/8	/9	/14

K45 VOICE AND DATA PLATES WITH SIMON RJ45 CONNECTORS

Angled plates with dust protector

1 UTP connector



K8096U	/8	/9	/14	Category 6
K8095U	/8	/9	/14	Category 5e



1 FTP connectors

K8096F	/8	/9	/14	Category 6
K8095F	/8	/9	/14	Category 5e

2 UTP connectors



KB8096U	/8	/9	/14	Category 6
KB8095U	/8	/9	/14	Category 5e

Flat plates with dust protector

1 UTP connector (half-mecanism)



KA96U	/8	/9	/14	Category 6
KA95U	/8	/9	/14	Category 5e



1 FTP connector (half-mecanism)

KA96F	/8	/9	/14	Category 6
KA95F	/8	/9	/14	Category 5e

1 UTP connector



K96U	/8	/9	/14	Category 6
K95U	/8	/9	/14	Category 5e



1 FTP connectors

K96F	/8	/9	/14	Category 6
K95F	/8	/9	/14	Category 5e

2 UTP connectors



KB96U	/8	/9	/14	Category 6
KB95U	/8	/9	/14	Category 5e



2 FTP connectors

KB96F	/8	/9	/14	Category 6
KB95F	/8	/9	/14	Category 5e

Flat plates without dust protector

1 UTP connector



K096U	/9	Category 6
K095U	/9	Category 5e



1 FTP connectors

K096F	/9	Category 6
K095F	/9	Category 5e

2 UTP connectors



KB096U	/9	Category 6
KB095U	/9	Category 5e



2 FTP connectors

KB096F	/9	Category 6
KB095F	/9	Category 5e

Cable connection tool

Insertion and cutting sheet included
Other Structured Cabling tools
on page 133



CH100

IDC110 cable connection tool for voice and data connectors and panels

Technical details
See page 173

COMPATIBILITY CIMA VOICE AND DATA PLATES BY SIMON

Angled K45 plates for other brand connectors

	With dust protector		Without dust protector	
	1 connector	2 connectors	1 connector	2 connectors
MANUFACTURERS				
Finish options	/9 /14 /8		/9 /14	
SIMON	K80/.. + MD67	KB80/.. + 2 MD67	K080/.. + MD67	KB080/.. + 2 MD67
3M® (Volition OCK®: RJ45, K5e, K6)	-	-	K080/.. + MD45	KB080/.. + 2 MD45
AMP netconnect® (TYCO ELECTRONICS®)				
Standard 110	K80/.. + MD67	-	K080/.. + MD67	-
SL110 and SL toolless	K80/.. + MD67	KB80/.. + 2 MD67	K080/.. + MD67	KB080/.. + 2 MD67
216000 and 216005	K80/.. + MD64	-	K080/.. + MD67	-
BeldenCDT® (NORDX®)				
Giga Flex MDVO	K80/.. + MD68	KB80/.. + 2 MD68	K080/.. + MD68	KB080/.. + 2 MD68
Giga Flex Keystone	K80/.. + MD64	KB80/.. + 2 MD64	K080/.. + MD64	KB080/.. + 2 MD64
BRAND-REX® (BICC®)	K80/.. + MD67	-	K080/.. + MD67	-
CORNING® (SIEMENS®)	K80/.. + MD79	KB80/.. + 2 MD79	K080/.. + MD79	KB080/.. + 2 MD79
ERSYS®	K80/.. + MD64	KB80/.. + 2 MD64	K080/.. + MD64	KB080/.. + 2 MD64
ADC KRONE®				
KM8 keystone series	K80/.. + MD64	KB80/.. + 2 MD64	K080/.. + MD64	KB080/.. + 2 MD64
HK keystone series	K80/.. + MD64	-	K080/.. + MD64	-
MOLEX®	K80/.. + MD64	KB80/.. + 2 MD64	K080/.. + MD64	KB080/.. + 2 MD64
NEXANS® (LAN mark®-5 EVO, LAN mark®-6 EVO)	K80/.. + MD85	KB80/.. + 2 MD85	K080/.. + MD85	KB080/.. + 2 MD85
ORTRONICS®				
Clarity TechChoice Keystone	K80/.. + MD64	KB80/.. + 2 MD64	K080/.. + MD64	KB080/.. + 2 MD64
PANDUIT®	K80/.. + MD69	KB80/.. + 2 MD69	K080/.. + MD69	KB080/.. + 2 MD69
R&M® (REICHLÉ DE MASSARI®)				
CLASSIC Cat5e (R304326, R304325)	K80/.. + MD54	KB80/.. + 2 MD54	K080/.. + MD54	KB080/.. + 2 MD54
STAR Cat6 (R304328)	K80/.. + MD54	KB80/.. + 2 MD54	K080/.. + MD54	KB080/.. + 2 MD54
REAL 10 (R304327, R313083)	K80/.. + MD54	KB80/.. + 2 MD54	K080/.. + MD54	KB080/.. + 2 MD54
RIT®	K80/.. + MD67	KB80/.. + 2 MD67	K080/.. + MD67	KB080/.. + 2 MD67
SIEMON®				
MAX Keystone Series	K80/.. + MD64	KB80/.. + 2 MD64	K080/.. + MD64	KB080/.. + 2 MD64
SYSTIMAX® (AVAYA®) (ATT®)	K80/.. + MD63	KB80/.. + 2 MD63	K080/.. + MD63	KB080/.. + 2 MD63

Certain FTP connectors may be incompatible if installed in double plates. Check compatibility.
Simon bears no responsibility for any change or modification made by the connector manufacturer.

Accessory



K66

K45 90° positioner to place the K45 Voice and Data plates in a vertical position for TELEBLOCK K45, K45 Columns and Mini-columns.

Aluminium	Pure white Ral 9010	Graphite grey Ral 7021
/8	/9	/14

COMPATIBILITY CIMA VOICE AND DATA PLATES BY SIMON

Flat K45 Plates for other brand connectors

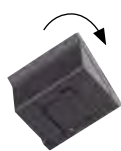
	With dust protector			Without dust protector		
	1 connector (half mechanism)	1 connector	2 connectors	1 connector (half mechanism)	1 connector	2 connectors
MANUFACTURERS						

Finish options

/9 /14

SIMON	N▶ KA76/..*	N▶ K76/..*	N▶ KB76/..*	-	N▶ K076/..	N▶ KB076/..
3M® (Volition OCK®: RJ45, K5e, K6)				KA045/..	K045/..	KB045/..
AMP netconnect® (TYCO ELECTRONICS®)						
Standard 110	N▶ KA76/..	N▶ K76/..	-	-	N▶ K076/..	-
SL110 and SL toolless	N▶ KA76/..	N▶ K76/..	N▶ KB76/..	-	N▶ K076/..	N▶ KB076/..
216000 and 216005	N▶ KA76/..	N▶ K76/..	-	-	N▶ K076/..	-
BeldenCDT ® (NORDX) ®						
Giga Flex MDVO	KA68/..	K68/..	KB68/..	-		
Giga Flex Keystone	N▶ KA76/..	N▶ K76/..	N▶ KB76/..	-	N▶ K076/..	N▶ KB076/..
BRAND-REX® (BICC®)	N▶ KA76/..	N▶ K76/..	-	-	N▶ K076/..	-
ERSYS®	N▶ KA76/..	N▶ K76/..	N▶ KB76/..	-	N▶ K076/..	N▶ KB076/..
GENERAL CABLE®	N▶ KA76/..	N▶ K76/..	N▶ KB76/..	-	N▶ K076/..	N▶ KB076/..
IBM®	-	K87/..	KB87/..	-	K087/..	-
INFRA +®	KA75/..	K75/..	KB75/..	-	K075/..	KB075/..
ITT CANNON®	KA65/..	K65/..	KB65/..	-		
KRONE®						
KM8 keystone series	N▶ KA76/..	N▶ K76/..	N▶ KB76/..	-	N▶ K076/..	N▶ KB076/..
HK keystone series	-	K82/..	-	-		-
MOLEX®	N▶ KA76/..	N▶ K76/..	N▶ KB76/..	-	N▶ K076/..	N▶ KB076/..
NEXANS® (LAN mark®-5EVO, LAN mark®-6EVO)	KA85/..	K85/..	KB85/..	-	K085/..	KB085/..
ORTRONICS®						
Clarity TracJack	-	-	-	-	-	-
Clarity TechChoice Keystone	N▶ KA76/..	N▶ K76/..	N▶ KB76/..	K281/..	N▶ K076/..	N▶ KB076/..
PANDUIT®	KA69/..	K69/..	KB69/..	-	K069/..	KB069/..
R&M® (REICHLÉ DE MASSARI®)						
CLASSIC Cat5e (R304326, R304325)	-	-	-	-	K054/..	-
STAR Cat6 (R304328)	-	-	-	-	K054/..	-
REAL 10 (R304327, R313083)	-	-	-	-	K054/..	-
RIT®	N▶ KA76/..	N▶ K76/..	N▶ KB76/..	-	N▶ K076/..	N▶ KB076/..
SIEMON®						
MAX Series	-	-	-	-	-	KB72 /9
MAX Keystone Series	N▶ KA76/..	N▶ K76/..	N▶ KB76/..	-	N▶ K076/..	N▶ KB076/..
SYSTIMAX® (AVAYA®) (ATT®)	N▶ KA76/..	N▶ K76/..	N▶ KB76/..	-	N▶ K076/..	N▶ KB076/..

90° positioner
for Voice and Data
plates installed in
vertical sections and
K45 TELEBLOCK

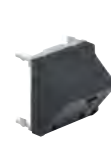


1



CLICK!

2



3



K45 MULTIMEDIA PLATES

- ✓ **Audiovisual plates for multimedia connections with projectors, audio systems, mobile devices, video-conferencing and IT equipment.**

Especially suitable for installation in meeting rooms, auditoriums, mixer rooms, etc.

Compatible with K45 and CIMA coverings (using adaptor plates [See page 46](#))



- ✓ **Centralisation of audiovisual equipment**



- ✓ **New easier terminal connection system. No welding**



Screw-fasten terminals



Female-female

i Meeting room configuration example



Covering	Quantity	Ref./Finish	Description
	1	KFC104/14	Ofiblock K45 with 4 usable K45 mechanisms, graphite
	1	KSF134/8	Frame for Ofiblock Line K45, polished chrome-plated
Electrical sockets and plates	1	K11/14	Quick terminal connection Schuko-format K45 electrical socket, graphite
	1	KB96U/14	K45 V&D flat plate with 2 connectors Cat. 6 UTP, graphite
	1	K100B/14	K45 plate with 1 VGA female connector, graphite Screw connection
	1	K128B/14	K45 plate with 1 USB connector type A, female, graphite. Screw connection
	1	K129B/14	K45 plate with 1 HDMI connector, graphite Female-female connection

Aluminium
painted

Pure white
Ral 9010

Graphite grey
Ral 7021

/8

/9

/14

K45 TV-SAT SOCKETS



K130A
/8 /9 /14

K45 plate with male TV socket + IEC universal female SAT. Connection by screw



K102B
/8 /9 /14

K45 1/2-mechanism plate with one IEC simple female TV socket. Connection by soldering



K120A
/8 /9 /14

K45 plate with IEC simple male TV socket. Connection by screw



K102C
/8 /9 /14

K45 1/2 mechanism plate with 1 single female satellite socket. Female. Connection by soldering

MULTIMEDIA CONNECTIONS



K126A
/8 /9 /14

5V/DC USB charger and micro-USB patch cord. For charging PDAs, mobile phones, etc.

N
New product



K105B
/8 /9 /14

K45 1/2 mechanism plate with 3 RCA audio and video connectors. Connection by screw

N
New product



K128B
/8 /9 /14

K45 1/2 mechanism plate with 1 USB connector type A, female. Connection by screw

N
New product



K123B
/8 /9 /14

K45 1/2 mechanism plate with 1 mini-jack connector. Connection by screw

N
New product



K100B
/8 /9 /14

K45 plate 1 mechanism with 1 VGA female connector. Connection by screw

N
New product



K103B
/8 /9 /14

K45 1/2 mechanism plate with 1 S-Video female connector. Connection by screw

N
New product



K129B
/8 /9 /14

K45 1/2 mechanism with 1 HDMI connector. Female-female connection

N
New product



K102D
/8 /9 /14

K45 1/2 mechanism plate with 1 BNC 75 Ω connector. Connection by soldering



K101B
/8 /9 /14

K45 1/2 mechanism plate with 2 RCA audio connectors. Connection by screw

N
New product



K104A
/8 /9 /14

K45 plate 2 mechanisms with 1 SUBD 25 female connector. Parallel port. Connection by soldering

PLATES FOR XLR CONNECTORS



K122
/8 /9 /14

K45 1 mechanism plate for 1 XLR male or female connector



K45 PLATES FOR OPTICAL FIBRE

Fibre all the way to the workstation

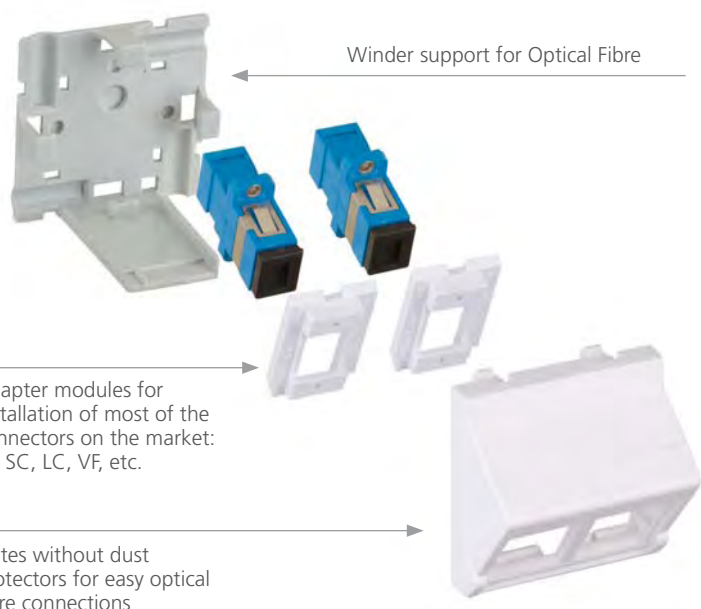
At SIMON we are one step ahead of the future and have believed in Optical Fibre access at workstation terminals for some time now. We therefore have a broad range of plates for most Optical Fibre connectors on the market.



Angled plate with the **AC80 accessory**, Optical Fibre winder mount



DIRECT
SNAP-FIT



CONFIGURATIONS

Plate mounted with ST connectors and Optical Fibre winder support.



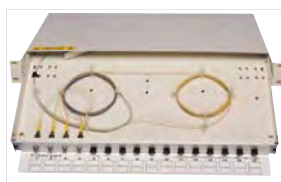
Plate mounted with SC duplex connectors and Optical Fibre winder support.



More Optical Fibre elements at:



Rack cabinet
[+ information page 112](#)



Distribution trays
[+ information page 135](#)



Adapters and connectors
[+ information page 135](#)

K45 PLATES WITH 2 ST ADAPTERS



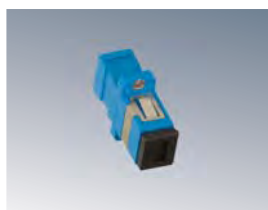
Angled K45 plate for 2 ST adapters with Optical Fibre winder support (Optional)

K45 PLATES WITH 1 DUPLEX SC ADAPTER



Angled K45 plate for 1 SC duplex adaptor with Optical Fibre winder support (Optional)

K45 PLATES FOR 2 INDIVIDUAL SCs (WITHOUT CONNECTORS)



Angled K45 plate for 2 SC simplex connectors with Optical Fibre winder support (Optional)



Angled K45 plate for 2 SC simplex connectors (AC80 not compatible)

K45 PLATES FOR LC (WITHOUT CONNECTORS)



Angled K45 plate for 1 LC connector with Optical Fibre winder support (Optional)

K45 PLATES FOR 3M® VF-45 (WITHOUT CONNECTORS)

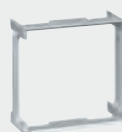


Angled K45 plate for 1 3M® VF-45 connector

Accessories



AC80
Optical Fibre winder support for K080/.., KB080/.. and K74/.. plates



K66
K45 90° positioner for placing the Voice and Data plates in vertical position in K45 Columns and TELEBLOCK K45.

See installation sequence on page 81



K45 PLATES FOR QUICK-CONNECTION SYSTEM



K45 PLATES WITH QUICK-CONNECTION CONNECTORS



K121A /9 /14 K45 plate with one (1) K45 3 pole male quick-connector



K121B /9 /14 K45 plate with one (1) 3 pole female quick-connector



K45 PLATES WITH IEC320 QUICK-CONNECTION CONNECTORS

K305A /9 /14 K45 plate with one (1) IEC320 male quick-connector



K306A /9 /14 K45 plate with one (1) IEC320 female quick-connector

K45 PLATES FOR QUICK-CONNECTION CONNECTORS



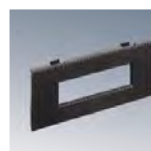
K121 /9 /14 K45 plate for one 3 pole male or female quick-connection connector



KB18 /9 /14 K45 plate for two 3 pole male or female quick-connection connectors



K18 /9 /14 K45 plate for one 3 pole male or female quick-connection connector



K18W5 /9 /14 K45 plate for one 5 pole male or female quick-connection connector

Other quick-connection elements

See quick connection on page 138

3 pole connectors



Patch cords



5 pole connectors



Technical details
See page 179

Aluminium	Pure white Ral 9010	Graphite grey Ral 7021
/8	/9	/14

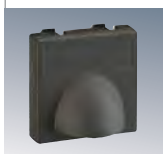
18 CONNECTION VERSATILITY



K45 PLATES - VARIOUS



K45 PLATES FOR CABLE OUTLET



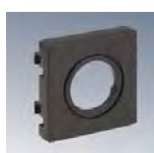
K10 /8 /9 /14 K45 cable outlet plate. Includes rings for holding cables using flanges.



K21 /9 /14 K45 20x30 trunking access plate for OFIBLOCK PLUS



K20 /9 /14 K45 cable outlet plate with retainer included (2 Ø 13 mm and 4 Ø 6 mm)

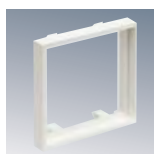


K19 /9 /14 K45 plate for Ø 22 mm pipe or gland seal and Ø 29 mm pre-punched hole

K45 BLIND PLATES AND MECHANISM ADAPTER ACCESSORY



K105 /8 /9 /14 Blind half mechanism K45 plate



AC4550 /9 Adapter from 50 to K45 for mechanisms in columns with 50 mm cover.



K17 /8 /9 /14 K45 blind plate

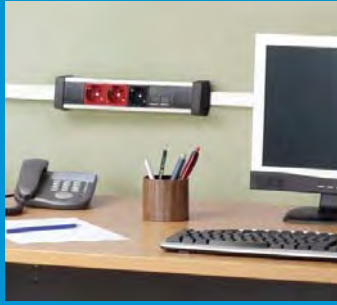
K45 SIGNALLING AND BEACONING PLATES



KL05 /9 /14 K45 plate with power indicator pilot light



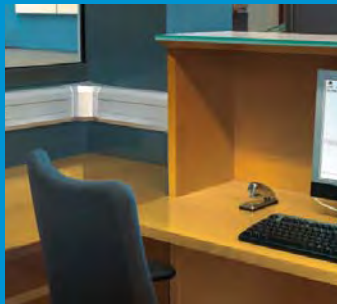
Technical details
See page 179



PVC and Aluminium mini-trunking



PVC and Aluminium cable adapter trunking



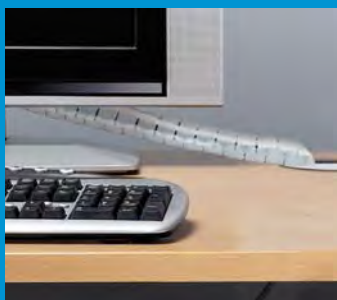
PVC and Aluminium K45 CABLOMAX trunking



PVC and Aluminium K45 trunking



DCS system



Cable organiser

Simon trunking

Mini-trunking	92 >	PVC mini-trunking
	96 >	Aluminium mini-trunking
Cable adapter trunking	98 >	PVC Cable adapter trunking
	102 >	Aluminium cable adapter trunking
K45 trunking with direct snap-fitting	104 >	PVC K45 CABLOMAX trunking
	107 >	Aluminium K45 CABLOMAX trunking
	108 >	PVC K45 trunking
	112 >	Aluminium K45 trunking
Floor trunking	114 >	DCS system
Multifunction	116 >	Cable organiser



Self-extinguishing, halogen-free materials:
A guarantee of safety for persons, equipment and information.



Compatibility with all the Voice, Data and Multimedia connectors on the market.



RoHS directive.
SIMON CONNECT trunkings comply with the European RoHS Directive on thermoplastic and metal materials.



Circuit separation.
Optimum separation of electricity and telecommunication cables.



PRODUCT APPLICATION





K45
PVC Trunking

108



MINI-TRUNKING

92



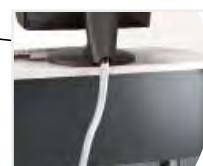
CABLOMAX K45
Trunking

104



Trunking
Cable grommet

98



Cabling
Organiser

116



K45
ALUMINIUM
Trunking

112



DCS Trunking

114



PVC MINI-TRUNKING

C Specifications:

- Material: PVC mini-trunking.
- White thermoplastic accessories.
- Trunking length: 2 metres sections.
- Protective film.
- IP protection level: 4x.
- Impact resistance: IK07, medium.
- Does not propagate flames.
- Hinged cover.

Complies with:

- Directive 2006/95/EC.
- Low voltage electrotechnical regulations, Royal Decree 842/2002
- Harmonised standard UNE-EN-50.085.
- Regulations for Common Telecommunication Infrastructures (RICT) RD 401/2003.
- ROHS directive.
- EC-marked product.

✓ Mini-trunking with fold-down cover

The cover design makes it possible to retain the cables while performing the installation.



✓ Easy to install



All the models are equipped with two runners every 25 cm, which allows quick and easy fastening of the trunking to the wall.



The 10x22 mm model with standard adhesive makes it possible to quickly and easily attach the mini-trunking to the wall.

✓ Cable retainer

The 40x60 mm mini-trunking model is supplied with 1 cable retainer every 0.5 m.



✓ Separation of electrical and VDM circuits



Optimum separation of the low-tension current circuits and improved organisation of electrical and telecommunications cables.



Option to choose measurement for Mini-trunking with dual compartment (**Models 20x30 mm, 20x50 mm and 40x60 mm**)



JUNCTION AND INTEGRATION WITH K45 TRUNKING AND PVC CABLE ADAPTER TRUNKING.

Junction of any size from the K45 Trunking and PVC Cable adapter trunking series to the Mini-trunking with 1 single accessory (ref. TKA107/9).



INTEGRATION OF CIMA PRO SURFACE BOXES

Adapter references BC141/.. and SBM31F/.. allow front adaptation of CIMA PRO boxes to 20x30 mm and 20x50 mm Mini-trunking. [See page 15](#)



INTEGRATION OF INDIVIDUAL K45 BOXES AND OFIBLOCK PLUS K45

Adapter references SCM21F/9 and SCM31F/9 allow front adaptation of K45 boxes and Ofiblock Plus K45 to 20x30 mm and 20x50 mm Mini-trunking. [See page 54 and 60](#)



INTEGRATION WITH SIMON 73 LOFT

See Simon 73 Loft.
[See page 193 from Simon General Catalogue 2010/2011](#)



INTEGRATION WITH SIMON 82 CENTRALISATIONS

See Simon 82 Centralisations.
[See page 143 from Simon General Catalogue 2010/2011](#)



PVC MINI-TRUNKING

Mini-trunking

Accessories



- PVC
- Length: 2 m

10x22 mm.
1 compartment



TM1022 /9



Flat angle piece



External angle piece



Internal angle piece



End cover

TMA101201 /9

TMA102201 /9

TMA103201 /9

TMA104201 /9

10x22 mm with adhesive
1 compartment



TM1022A /9

TMA101201 /9

TMA102201 /9

TMA103201 /9

TMA104201 /9

20x30 mm.
1 compartment



TM12021 /9

TMA101202 /9

TMA102202 /9

TMA103202 /9

TMA104202 /9

20x30 mm.
2 compartments



TM12022 /9

TMA101202 /9

TMA102202 /9

TMA103202 /9

TMA104202 /9

20x50 mm.
1 compartment



TM12031 /9

TMA101203 /9

TMA102203 /9

TMA103203 /9

TMA104203 /9

20x50 mm.
2 compartments



TM12032 /9

TMA101203 /9

TMA102203 /9

TMA103203 /9

TMA104203 /9

40x60 mm.
1 compartment



TM12051 /9

TMA101205 /9

TMA102205 /9

TMA103205 /9

TMA104205 /9

40x60 mm.
2 compartments



TM12052 /9







TMA101205 /9

TMA102205 /9

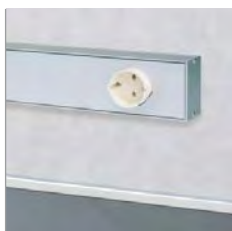
TMA103205 /9

TMA104205 /9

The 40x60 mm Mini-trunking is supplied with 1 retainer every 0.5 m

				 20x30 mm  20x50 mm CIMA and K45 boxes adaptor
TMA105201 /9	TMA106201 /9	—	TKA107 /9	—
TMA105201 /9	TMA106201 /9	—	TKA107 /9	—
TMA105202 /9	TMA106202 /9	—	TKA107 /9	CIMA and K45 SCM21F /9 CIMA PRO BC141/..
TMA105202 /9	TMA106202 /9	—	TKA107 /9	CIMA y K45 SCM21F /9 CIMA PRO BC141/..
TMA105203 /9	TMA106203 /9	—	TKA107 /9	CIMA and K45 SCM31F /9 CIMA PRO SBM31F/..
TMA105203 /9	TMA106203 /9	—	TKA107 /9	CIMA and K45 SCM31F /9 CIMA PRO SBM31F/..
TMA105205 /9	TMA106205 /9	in trunking 40x60 TMA107205 /9	TKA107 /9	—
TMA105205 /9	TMA106205 /9	in trunking 40x60 TMA107205 /9	TKA107 /9	—





ALUMINIUM MINI-TRUNKING

C Specifications:

- Material: anodised-aluminium Mini-trunking.
- Anodised-aluminium / steel accessories.
- Trunking length: 2 metres sections.
- Protective film.
- IP protection level: 4x.
- Impact resistance: IK07, medium.
- Does not propagate flames.

Complies with:

- Directive 2006/95/EC.
- Low voltage electrotechnical regulations, Royal Decree 842/2002
- Harmonised standard UNE-EN-50.085.
- Regulations for Common Telecommunication Infrastructures (RICT) RD 401/2003.
- ROHS directive.
- EC-marked product.

✓ Optimum installation

Especially designed for cabling distribution and junctions or installation in the interior of the pre-cabled ELECTROBANDA trunking (65x40 mm model).

DCS System integration: floor trunking

The junction accessory of the DCS trunking to the perimeter trunking allows the distribution of cables from the floor trunking (85x18 mm and 130x18 mm models) to the wall-mounted trunking (65x20 mm model).

[See page 114](#)



✓ Separation of electrical and VDM circuits

The trunking's **dual compartment** (65x20 mm model) allows electrical and telecommunications cables to be separated and better organised.



✓ Adaptation of pre-cabled Electrobanda trunking

It allows quick and easy installation of the pre-cabled ELECTROBANDA trunking, which clips directly onto the 65x40 mm model.

[See page 142](#)



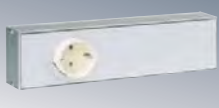




Anodised
aluminium

Pale grey
Ral 7035


/8

/24


ALUMINIUM MINI-TRUNKING

Trunking	Accessories			
				
<ul style="list-style-type: none"> Aluminium with 65 mm cover Length: 2 m 	Flat 90° angle piece	External 90° angle piece	Internal 90° angle piece	End cover





65x20 mm
2 compartments

	—	TMA202104 /8 *	TMA203104 /8 *	TMA204404 /8
TM21042 /8				

65x40 mm
1 compartment

	TMA201106 /8 *	TMA202406 /24	TMA203406 /24	TMA204106 /8
TM21061 /8				

* 2 trunking sections cut at an angle

Functional accessories		Adaptation of pre-cabled ELECTROBANDA trunking mechanisms	
	TKA903 Section connecting pin		TMA08 /8 65x120 mm aluminium plate for ELECTROBANDA Schuko socket
			
	TKA904 Cable with faston connector for 120 mm earth connection		TMA07 /8 65x120 mm aluminium plate for ELECTROBANDA French socket

Spare Parts Aluminium mini-trunking with 65 mm cover		
	RTT003 /8 Front cover for aluminium mini-trunking 65x40 mm anodised aluminium	RTP001 /8 Mini-trunking section 65x40 mm anodised aluminium



PVC CABLE ADAPTER TRUNKING

C Specifications:

- Material: PVC trunking.
- White thermoplastic accessories.
- Allows for the adaptation of CIMA and SIMON universal mechanisms.
- Trunking length: 2 metres sections.
- Protective film.
- IP protection level: 4x.
- Impact resistance: IK07, medium.
- Does not propagate flames.

Complies with:

- Directive 2006/95/EC.
- Low voltage electrotechnical regulations, Royal Decree 842/2002
- Harmonised standard UNE-EN-50.085.
- Regulations for Common Telecommunication Infrastructures (RICT) RD 401/2003.
- ROHS directive.
- EC-marked product.

Integration of CIMA PRO and CIMA surface boxes

Perfect adaptation of the **CIMA PRO** and **CIMA CLASSIC** surface boxes with any Cable Adapter Trunking, using specific adaptors to provide optimum integration.



Sturdier

Sturdier and improved cable fastening by positioning the retainer at any point of the trunking.

All models include 1 cable retainer for every 0.5 metres.



Separation of electrical and VDM circuits

Optimum separation of the low-voltage current circuits and improved organisation of electrical and telecommunications cables. Cable Adapter Trunking offers the possibility of configuring up to 6 compartments.



Curvature angles

It keeps the perfect curvature of the structured cabling using the cable junction (TSA003). A single reference valid for all trunking sizes.



Installation ease

All models are equipped with two mounting holes every 25 cm, which allows quick and easy fastening to the wall.



NEW CABLE FASTENING SYSTEM

The flange holder holes every 25 cm on the anchor guide facilitate fastening of the cabling without the need for any additional accessories.



PERFECT ALIGNMENT

Perfect and quick alignment is achieved using the connection sections, with no tools required.



WITH PROTECTIVE FILM



T JUNCTION

It allows making branches to main or secondary trunkings with an excellent finish.



INTEGRATION WITH THE MINI-TRUNKING

A single accessory (TKA107/9) allows branching from any CABLE ADAPTER trunking model to a PVC Mini-trunking.



ADAPTATION OF CIMA MECHANISMS AND SIMON UNIVERSAL MECHANISMS

The box for CIMA elements and the frames and inner frames allow adaptation of the trunking with mechanisms from the CIMA range and SIMON universal mechanisms.



Adaptation of CIMA mechanisms



Adaptation of SIMON Universals mechanisms

PVC CABLE ADAPTER TRUNKING

Trunking

Accessories



- PVC/Pure white
 - Length: 2m
- The PVC Cable Adapter Trunking is supplied with 1 retainer every 0.5 metres



Cable retainer
(supplied in
trunking)



Flat angle piece



External angle
piece variable



Variable internal
angle piece



End cover



Sealing ring



T junction

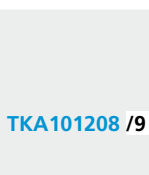
90x55 mm. 3 compartments



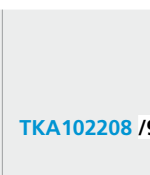
TS9055 /9



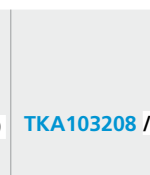
TSA905501



TKA101208 /9



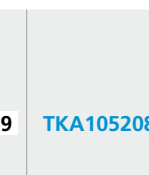
TKA102208 /9



TKA103208 /9



TSA905502 /9



TKA105208 /9

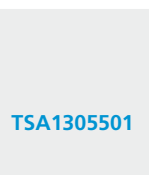


to 90x55
TKA106208 /9

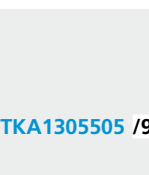
130x55 mm 4 compartments



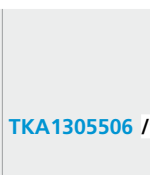
TS13055 /9



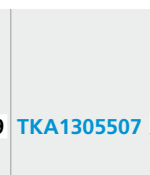
TSA1305501



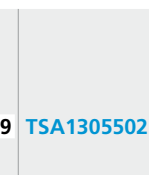
TKA1305505 /9



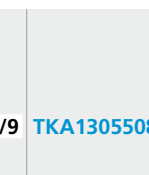
TKA1305506 /9



TKA1305507 /9



TSA1305502 /9



TKA1305508 /9



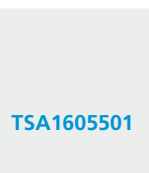
to 90x55
TKA106208 /9

to 130x55
TKA106210 /9

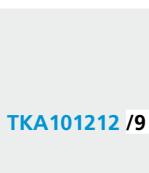
160x55 mm 4 compartments



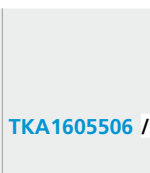
TS16055 /9



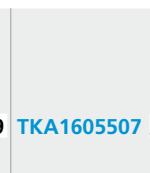
TSA1605501



TKA101212 /9



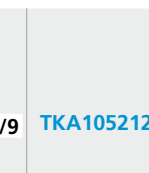
TKA1605506 /9



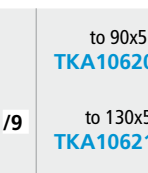
TKA1605507 /9



TSA1605502 /9



TKA105212 /9

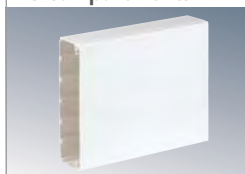


to 90x55
TKA106208 /9

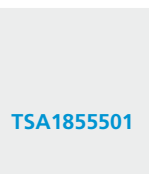
to 130x55
TKA106210 /9

to 160x55
TKA106212 /9

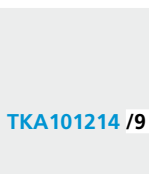
185x55 mm 6 compartments



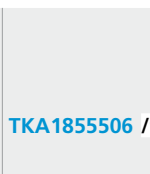
TS18555 /9



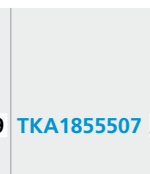
TSA1855501



TKA101214 /9



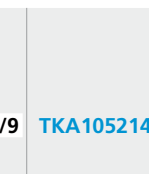
TKA1855506 /9



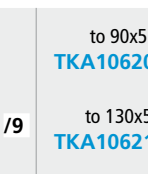
TKA1855507 /9



TSA1855502 /9



TKA105214 /9



to 90x55
TKA106208 /9

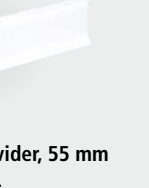
to 130x55
TKA106210 /9

to 160x55
TKA106212 /9

Functional accessories



TSA001
Interior divider, 55 mm
1 m section.



TSA002
Connector pin






TSA003
Cable junction



TSA006 /8 /9 /14
Adapter for CIMA PRO
surface boxes

Aluminium	Pure white Ral 9010	Graphite grey Ral 7021
/8	/9	/14

		
Junction to Mini-trunking 10x22, 20x30, 20x50 and 40x60	Flat curvature radius	Outer curvature radius

TKA107 /9	TKA108	TKA109
-----------	--------	--------

TKA107 /9	TKA108	TKA109
-----------	--------	--------


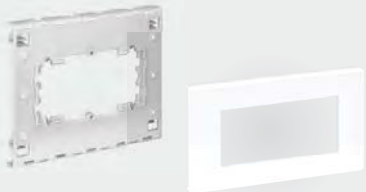
TKA107 /9	TKA108	TKA109
-----------	--------	--------

TKA107 /9	TKA108	TKA109
-----------	--------	--------


TSA005 /9 Adapter of CIMA surface boxes


MECHANISM ADAPTATION

CIMA mechanisms

Box for CIMA socket and circuit-breaker	CIMA frame and inner frame
	
TSA004	TSA905503 /9 90x55 mm trunking TSA1305503 /9 130x55 mm trunking TSA1605503 /9 160x55 mm trunking


Adaptation of CIMA mechanisms

Universal mechanisms Simon

Universal frame and inner frame

TSA905504 /9 90x55 mm trunking TSA1305504 /9 130x55 mm trunking TSA1605504 /9 160x55 mm trunking


Adaptation of SIMON UNIVERSAL mechanisms



ALUMINIUM CABLE ADAPTER TRUNKING

C Specifications:

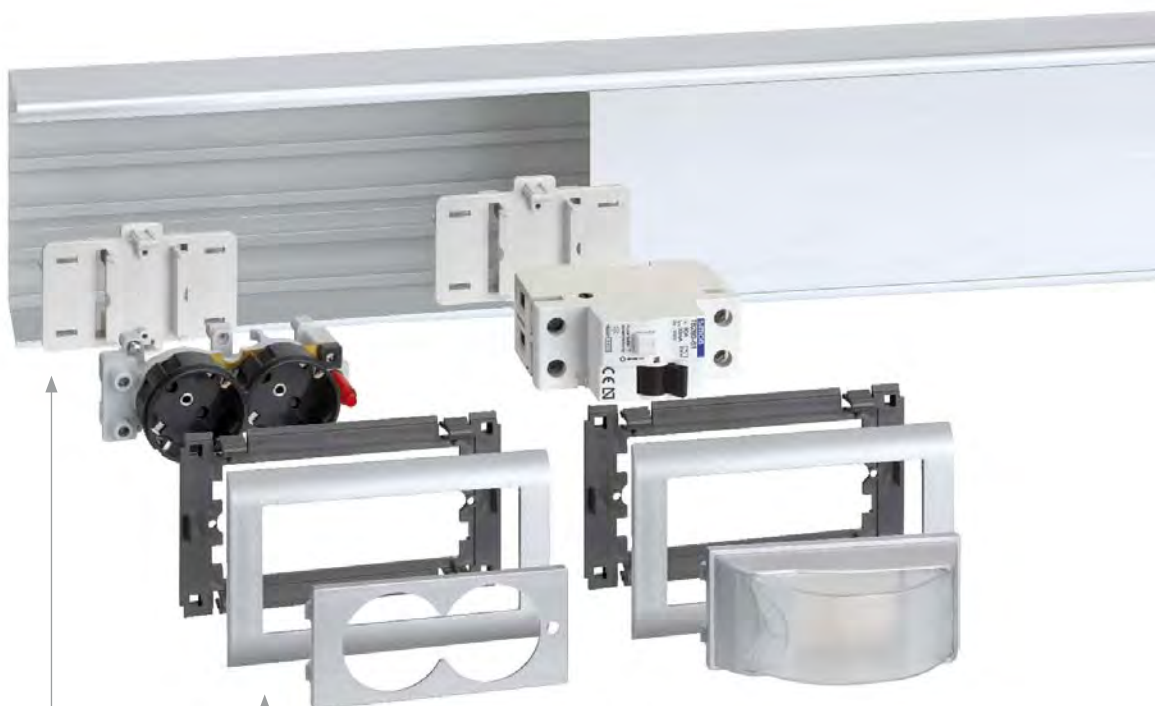
- Material: Anodised-aluminium trunking.
- Thermoplastic accessories painted in aluminium colour.
- Allows for the adaptation of CIMA and SIMON universal mechanisms.
- Trunking length: 2 metres sections.
- Protective film.
- IP protection level: 4x.
- Impact resistance: IK07, medium.
- Does not propagate flames.

Complies with:

- Directive 2006/95/EC.
- Low voltage electrotechnical regulations, Royal Decree 842/2002
- Harmonised standard UNE-EN-50.085.
- Regulations for Common Telecommunication Infrastructures (RICT) RD 401/2003.
- ROHS directive.
- EC-marked product.

Adaptation of universal mechanisms

Universal mechanisms are mounted using the linkable universal mechanism adapter.












Rack and trim frame for installation of CIMA mechanisms


Adapter for Schuko, CIMA format and protection mechanisms

Aluminium	Pure white Ral 9010	Graphite grey Ral 7021
/8	/9	/14

ALUMINIUM TRUNKING FOR UNIVERSAL MECHANISMS

Trunking	Accessories							
								
<ul style="list-style-type: none"> • Anodised aluminium with 1 compartment • Length: 2m 	Flat angle piece (Painted aluminium)	Variable external angle piece (Painted aluminium)	Variable internal angle piece (Painted aluminium)	End cover (Painted aluminium)	Splice plate (Painted aluminium)	T junction (Painted aluminium)	Flat radius of curvature	Outer radius of curvature

90x55 mm

	TKA101208 /8	TKA102208 /8	TKA103208 /8	TKA905502 /8	TKA105208 /8	to 90x55 TKA106208 /8	TKA108	TKA109
TS9055 /8								

130x55 mm.

	TKA1305505 /8	TKA1305506 /8	TKA1305507 /8	TKA1305502 /8	TKA1305508 /8	to 90x55 TKA106208 /8 to 130x55 TKA106210 /8	TKA108	TKA109
TS13055 /8								

Functional accessories



TSA001
Interior divider (55 mm)
1 m section
Supplied in 1 metre sections



TSA002
Connector pin



TKA904
Cable with faston connector
for 120 mm earth connection

Mechanism adaptation accessories



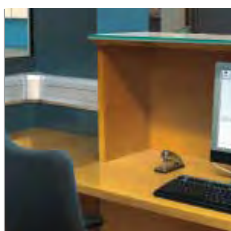
TSA007
Linkable adapter for
universal mechanisms



TSA008
Adapter for Schuko, CIMA
format and protection
mechanisms



SAL100 /8 /9 /14
Centre frame and trim cover



K45 CABLOMAX TRUNKING

C Specifications:

- Material: Trunking with thermoplastic base.
- Covers available in PVC or anodised aluminium.
- White and painted-aluminium thermoplastic accessories
- Direct integration of Simon K45 mechanisms.
- Trunking length: 2 metres sections.
- Protective film.
- Does not propagate flames.

Complies with:

- Directive 2006/95/EC.
- Low voltage electrotechnical regulations, Royal Decree 842/2002
- Harmonised standard UNE-EN-50.085.
- Regulations for Common Telecommunication Infrastructures (RICT) RD 401/2003.
- ROHS directive.
- EC-marked product.

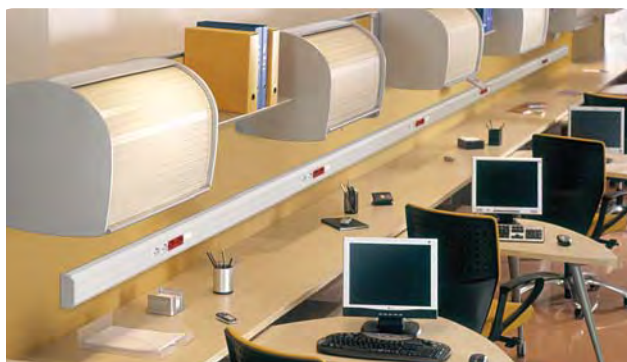
Elegant and functional design

This trunking was especially designed with the highest performance levels for integration in any space such as **executive offices, meeting rooms and conference halls or offices, commercial premises, waiting rooms, libraries, testing laboratories, etc.**

The **K45 CABLOMAX trunking is available with PVC or aluminium covers**, so you can choose the best finish according to the interior decoration needs of the room.



Executive offices



Offices

Installation safety



Separation of electrical and VDM circuits

- The cables circulate through the upper and lower compartments and the central compartment is reserved for housing the mechanisms. This ensures **correct separation of electrical and telecommunications circuits**.
- The aluminium covers have an earth connection guide.



Optimum installation

FASTER AND EASIER

CABLOMAX trunking for direct snap-fit K45 mechanisms

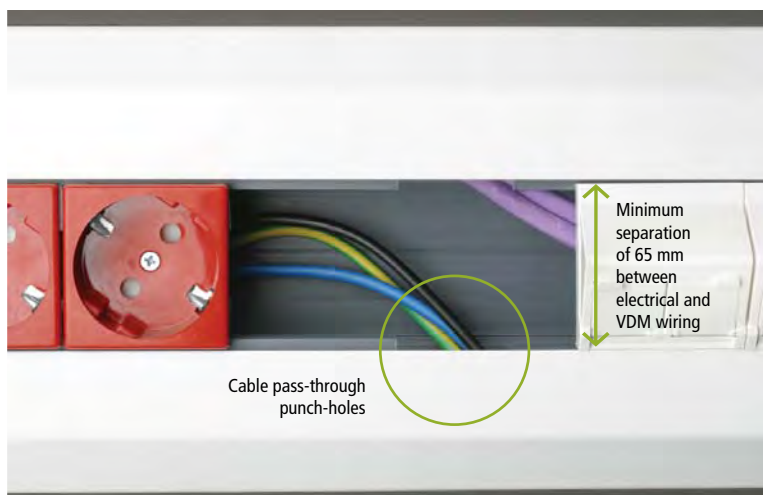
Enables the assembly of all the mechanisms in the K45 range, without needing any accessories, which affords **great savings in assembly time** and therefore **reduces installation costs**.



DESIGNED FOR MAXIMUM FUNCTIONALITY

The cable trays included in the base of the trunking act like a wall separating the circuits and retaining the cables.

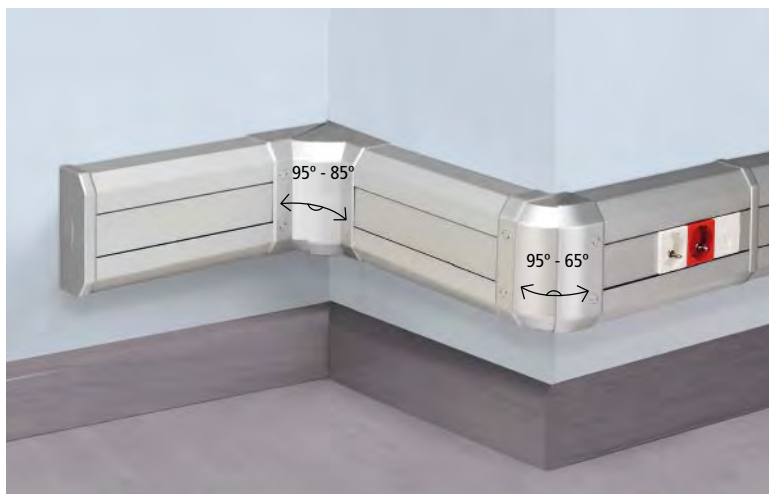
The pre-punched holes every 75 cm in the fixed inner compartments allow the mechanisms to be supplied with power without having to mechanise the trunking.



INCREASED FLEXIBILITY

Variable ABS white or anodised aluminium corner pieces from 65° to 95°.

Allow better adaptation of the trunking to the unevenness of a wall.



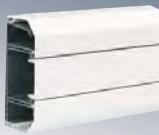
PVC CABLOMAX FOR K45 MECHANISMS



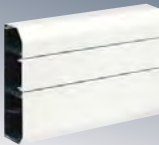
DIRECT
SNAP-FIT

Trunking	Accessories						
							
<ul style="list-style-type: none"> • 3 compartments • PVC base and covers • Length: 2 m 	Flat angle piece upward 90°	Flat angle piece downward 90°	External angle piece variable	Variable internal angle piece	End cover	Sealing ring	T junction


130x55 mm.

	TKA011210 /9	TKA021210 /9	TKA002210 /9	TKA003210 /9	TKA004210 /9	TKA005210 /9	TKA0062 /9
TK02103 /9							

170x55 mm

	TKA011213 /9	TKA021213 /9	TKA002213 /9	TKA003213 /9	TKA004213 /9	TKA005213 /9	TKA0062 /9
TK02133 /9							

210x55 mm

	TKA011216 /9	TKA021216 /9	TKA002216 /9	TKA003216 /9	TKA004216 /9	TKA005216 /9	—
TK02163 /9							

K45 Installation accessories



K11/..
Electrical sockets
Quick terminal connection
[+ information page 74](#)



K106A/..
Protection
K45 circuit-breaker
[+ information page 76](#)



KF04B/..
Protection
DIN circuit-breaker
[+ information page 76](#)



K302 **K112/..**
Switches
K45 switch
[+ information page 73](#)



KB95U/..
VD plates
VD plate with connectors
[+ information page 78](#)



K100B/..
Multimedia Plates
1 VGA connector plate
[+ information page 82](#)



K305A/..
Quick connection plates
3 pole 1 connector plate
[+ information page 86](#)

Anodised
aluminium

Pure white
Ral 9010

/8

/9

ALUMINIUM CABLOMAX FOR K45 MECHANISMS

Trunking

Accessories

 <ul style="list-style-type: none"> • 3 compartments • PVC socket and anodised aluminium covers • Length: 2 m 	 <p>Flat angle piece upward 90°</p>	 <p>Flat angle piece downward 90°</p>	 <p>External angle piece variable (Painted aluminium)</p>	 <p>Variable internal angle piece (Painted aluminium)</p>	 <p>End cover (Painted aluminium)</p>	 <p>Sealing ring (Painted aluminium)</p>	 <p>T junction</p>
 <p>TK01103 /8</p>	TKA011110 /8	TKA021110 /8	TKA002210 /8	TKA003210 /8	TKA004210 /8	TKA005210 /8	TKA0061 /8
 <p>TK01133 /8</p>	TKA011113 /8	TKA021113 /8	TKA002213 /8	TKA003213 /8	TKA004213 /8	TKA005213 /8	TKA0061 /8
 <p>TK01163 /8</p>	TKA011216 /8	TKA021216 /8	TKA002216 /8	TKA003216 /8	TKA004216 /8	TKA005216 /8	—
<p>Spare Parts Aluminium K45 CABLOMAX trunking</p>	 <p>RTT002 /8 Front cover for aluminium Cablomax trunking. 2 m. Anodised aluminium</p>						


Technical details
See page 182

Trunking section
See page 193



K45 PVC AND ALUMINIUM TRUNKING

C Specifications:

- Material: PVC and anodised-aluminium trunking.
- White and painted-aluminium thermoplastic accessories (except 70x50).
- Direct integration of Simon K45 mechanisms.
- Trunking length: 2 metres sections.
- Protective film.
- IP protection level: 4x.
- Impact resistance: IK07, medium.
- Does not propagate flames.

Complies with:

- Directive 2006/95/EC.
- Low voltage electrotechnical regulations, Royal Decree 842/2002
- Harmonised standard UNE-EN-50.085.
- Regulations for Common Telecommunication Infrastructures (RICT) RD 401/2003.
- RoHS directive.
- EC-marked product.

Quick and easy installation

K45 direct snap-fit mechanisms

Enables the assembly of all the mechanisms in the K45 range **without needing any accessories**, which affords great savings in assembly time and therefore reduces installation costs.

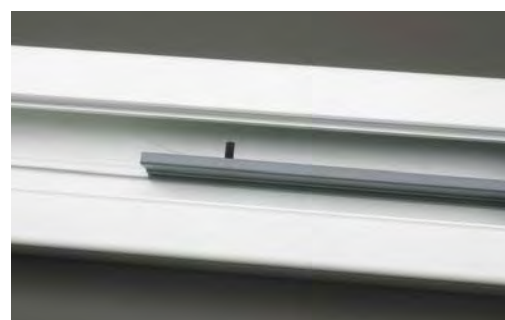


Installation safety



Separation of electrical and VDM circuits

The **interior separations**, which are pressure-fitted without using tools, and the **double or triple fixed compartmentalisation** of the trunkings enables insulation and improved organisation of the electrical and telecommunications cables.



Increased flexibility

Variable angle pieces in pure white or aluminium. Allow better adaptation of the trunking to the unevenness of a wall.





T-PIECE EARTH JUNCTIONS

Maintain the IP4X level in the installation and hide the trunking cuts in the T-piece earth connections from any size of trunking to trunking with a width of 90, 130 or 160 mm.



STIFFENER

By placing the stiffener on either side of the assembly of electrical sockets or any plate in K45 format, **increased rigidity can be achieved for the fastening of mechanisms and plates** to the trunking.

This accessory also acts as a trim for the cover connections.



JUNCTION TO MINI-TRUNKING AND PVC CABLE ADAPTER TRUNKING

Simply by cutting the piece along the perforated line, it adapts to the desired mini-trunking size.



OUTER RADIUS OF CURVATURE

They protect the telecommunications cables and afford them an optimum curvature radius for each type of corner piece.



FLAT RADIUS OF CURVATURE







PVC TRUNKING FOR K45 MECHANISMS

Trunking	Accessories			
				
<ul style="list-style-type: none"> PVC/Pure white Length: 2 m 	Flat angle piece	Variable external angle piece	Variable internal angle piece	End cover


90x55 mm 1 compartment

				
The 90x55 trunking is supplied with 1 stiffener every 0.5 m	TKA101208 /9	TKA102208 /9	TKA103208 /9	TKA905502 /9
TK12081 /9				


130x55 mm 2 compartments

				
	TKA1305505 /9	TKA1305506 /9	TKA1305507 /9	TKA1305502 /9
TK12102 /9				

160x55 mm 2 compartments

				
	TKA101212 /9	TKA1605506 /9	TKA1605507 /9	TKA1605502 /9
TK12122 /9				

185x55 mm 3 compartments

				
	TKA101214 /9	TKA1855506 /9	TKA1855507 /9	TKA1855502 /9
TK12143 /9				

Functional accessories



TKA901 /9
K45 Trunking stiffener
Provides rigidity to the mechanism fastening. Cover splice joint trim. Supplied in 90x55-mm trunking



TKA902
PVC divider (1000x45 mm)
Supplied in 1 metre sections.



TKA903
Section connecting pin
Connects parts of sections and helps to level and provide a better finish.

Spare Parts PVC K45 trunking



RTT001 /9
Front cover for K45 PVC trunking. 2 m.

				
Sealing ring	T junction	Junction to mini-trunking 10x22, 20x30, 20x50 and 40x60	Flat radius of curvature	Outer radius of curvature

TKA105208 /9	to 90x55 TKA106208 /9	TKA107 /9	TKA108	TKA109
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TKA1305508 /9	to 90x55 TKA106208 /9 to 130x55 TKA106210 /9	TKA107 /9	TKA108	TKA109
---------------	---	-----------	--------	--------

TKA105212 /9	to 90x55 TKA106208 /9 to 130x55 TKA106210 /9 to 160x55 TKA106212 /9	TKA107 /9	TKA108	TKA109
--------------	--	-----------	--------	--------

TKA105214 /9	to 90x55 TKA106208 /9 to 130x55 TKA106210 /9 to 160x55 TKA106212 /9	TKA107 /9	TKA108	TKA109
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K45 Installation accessories	 KS11/.. Electrical sockets Quick terminal connection + information page 74	 K106A/.. Protection K45 circuit-breaker + information page 76	 KB95U/.. VD plates K45 VD plate with connectors + information page 78	 K100B/.. Multimedia Plates K45 Plate 1 VGA connector + information page 82
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Technical details
See page 183



Trunking section
See page 193



ALUMINIUM TRUNKING FOR K45 MECHANISMS

Trunking

Accessories



- Anodised aluminium
- Length: 2 m



Flat angle piece
(Painted aluminium)



Variable outer angle piece
(Painted aluminium)

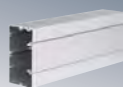


Variable inner angle piece
(Painted aluminium)



End cover
(Painted aluminium)

90x55 mm
1 compartment



TK11081 /8

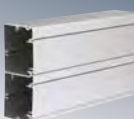
TKA101208 /8

TKA102208 /8

TKA103208 /8

TKA905502 /8

130x55 mm
2 compartments



TK11102 /8

TKA10305505 /8

TKA1305506 /8

TKA1305507 /8

TKA1305502 /8

160x55 mm
2 compartments



TK11122 /8

TKA101212 /8

TKA1605506 /8

TKA1605507 /8

TKA1605502 /8

185x55 mm
3 compartments



TK11143 /8

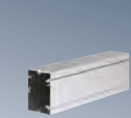
TKA101214 /8

TKA1855506 /8

TKA1855507 /8

TKA1855502 /8

70x50 mm
1 compartment



TK11071 /8 *

Accessories for 70x50 mm stainless-steel trunking



Universal Accessory
(flat corner piece and junction)

TKA101307 /8



Fixed external angle piece

TKA102307 /8



Fixed internal angle piece

TKA103307 /8



End cover
(Stainless steel)

TKA104307 /8

*The 70x50 mm trunking model does not allow the assembly of multi-sockets ref. K11/.., K22/.., KS11/.. and KS22/..

Functional accessories



TKA902
PVC divider (1000x45 mm)
Supplied in 1 metre sections.



TKA903
1 U section joint pin
Connects parts of sections and helps
to level and provide a better finish.



TKA904
Cable with faston connector for
120 mm earth connection
For earthing sections

Anodised
aluminium

Pale grey
Ral 7035

/8

/24



Splice plate
(Painted aluminium)



T junction
(Painted aluminium)



Flat radius of curvature



Outer radius of curvature

TKA105208 /8

to 90x55
TKA106208 /8

TKA108
TKA109
TKA1305508 /8

to 90x55
TKA106208 /8
to 130x55
TKA106210 /8

TKA108
TKA109
TKA105212 /8

to 90x55
TKA106208 /8
to 130x55
TKA106210 /8
to 160x55
TKA106212 /8

TKA108
TKA109
TKA105214 /8

to 90x55
TKA106208 /8
to 130x55
TKA106210 /8
to 160x55
TKA106212 /8

TKA108
TKA109


End cover
(ABS grey finish)

TKA104207 /24


Splice plate

TKA105307 /8

Spare Parts
Aluminium K45
Trunking



RTT001 /8
Aluminium K45
trunking cover 2 m.
Anodised aluminium



RTP002 /8
Aluminium K45 trunking
section 70x50 mm
Anodised aluminium

K45 Installation
accessories



K11/..
Electrical sockets
Quick terminal connection
+ [information page 74](#)



K106A/..
Protection
K45 circuit-breaker
+ [information page 76](#)



KB95U/..
VD plates
K45 VD plate with connectors
+ [information page 78](#)



K100B/..
Multimedia Plates
K45 Plate 1 VGA connector
+ [information page 82](#)



Technical details
[See page 184](#)



Trunking section
[See page 193](#)



DCS SYSTEM

C Specifications:

- Material: Anodised-aluminium trunking.
- Stainless-steel plinth accessories and aluminium end covers.
- Trunking length: 2 metres sections (Monoblock 2.75 m).
- IP protection level: 4x.
- Impact resistance: IK08 – IK10, high – very high (according to ref.)
- Does not propagate flames.
- With electrical continuity.

Complies with:

- Directive 2006/95/EC.
- Low voltage electrotechnical regulations, Royal Decree 842/2002
- Harmonised standard UNE-EN-50.085.
- ROHS directive.
- EC-marked product.

✓ The floor trunking solution

Based on a peripheral (perimeter trunking) or central installation (Mini-towers or Mini-columns), the **DCS (Surface Distribution of Cables)** system makes it possible to supply power, voice and data from any point in the room to the workstations.

Available in 5 models and 2 versions: section and cover (accessible) and monoblock (inaccessible).



Offices



Business premises



Car parks



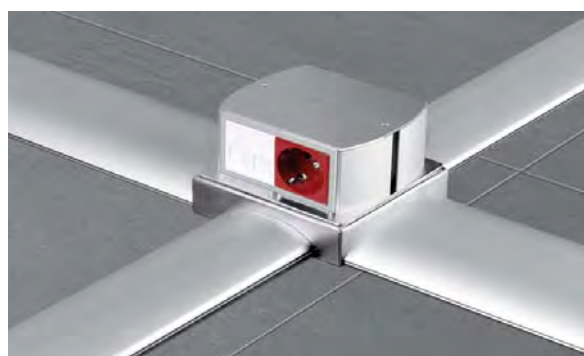
Industrial Buildings



Warehouses



Mechanical workshops



✓ Strength and safety

High resistance

Manufactured from aluminium, it offers maximum durability against impacts, blows, foot traffic and other abuse. Capable of withstanding the weight of passing vehicles (according to tonnage/model).

Safety

Once installed, the trunking is fully closed and inaccessible, thereby providing maximum security for the installation.

✓ Integration in the system

Adaptation to Mini-trunking 65x20 mm and Aluminium Trunking K45 70x50 mm

The junction accessory allows the distribution of the cabling in the floor trunking (85x18 mm and 130x18 mm models) to the trunking installed on the wall.



+ information for aluminium K45 trunking on page 108
+ information for aluminium Mini-trunking on page 92

Adaptation of the DCS System to K45 Mini-towers and Mini-columns

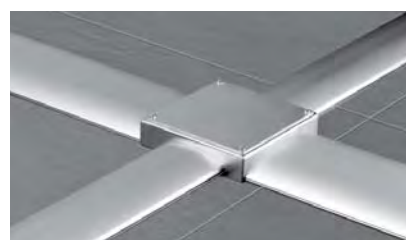
The distribution base allow adaptation of K45 Mini-tower and Mini-columns for final connections.



+ information on page 66 and 68

Distribution base

With various pre-punched holes for insertion of floor trunking 85x18 mm and 130x18 mm.



Anodised
aluminium




/8

ALUMINIUM TRUNKING FOR FLOOR INSTALLATION

Trunking

				
85x18 mm trunking + cover	85x18 mm monoblock closed trunking	130x18 mm trunking + cover	130x18 mm monoblock closed trunking	240x34 mm trunking + cover
2 m length	2.75 m length	2 m length	2.75 m length	2 m length
TF11172 /8	TF21172 /8	TF11183 /8	TF21183 /8	TF11193 /8




Accessories - Anodised aluminium end cover

		
TFA904417 /8	TFA904418 /8	TFA904419 /8

Accessories - Junction from the DCS trunking to perimeter trunking

		
	From 85x18 mm DCS trunking	From 130x18 mm DCS trunking
To 65x20 mm aluminium Mini-trunking	TFA965417 /8	TFA965418 /8
To aluminium K45 trunking 70x50 mm	—	TFA970418 /8

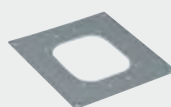
Bases for connection to the 85x18 mm and 130x18 mm DCS floor trunking

					
	KTA804 /8	KTA813 /8	KTA822 /8	KTA8229 /8	KTA831 /8
No. of pre-punched holes per trunking of 130x18 mm	0	1	2 (for trunking of 130x18 mm at 180°)	2 (for a 130x18 mm trunking at 90°)	3
No. of pre-punched holes per trunking of 85x18 mm	4	3	2	2	1

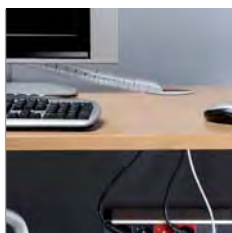
Accessory for base



[KTA904](#) /8
Top cover for distribution
base



[ALKA02](#) /8
Auxiliary base cover for
adapting K45 Mini-columns



CABLE ORGANISER

C Specifications:

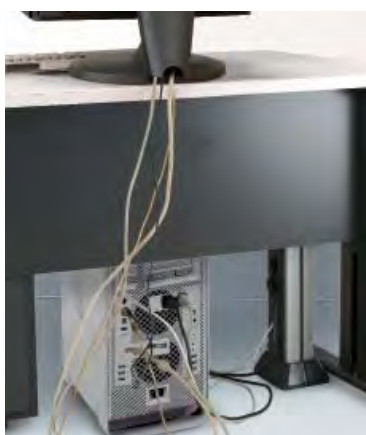
- Material: Polyethylene.
- Length: 2 metres sections and 20 m reels.
- Cable applicator.

Complies with:

- Directive 2006/95/EC.
- Low voltage electrotechnical regulations, Royal Decree 842/2002
- ROHS directive.

✓ Cable management

The cable organiser allows you to easily and quickly transform a **bundle of cables into a single cable**. Specially designed to blend in with the interior decoration in offices or business premises, it makes the installation **look clean and organised**, and also increases **workstation safety and hygiene**.



Without cable organiser



With cable organiser

✓ Flexible, rugged materials

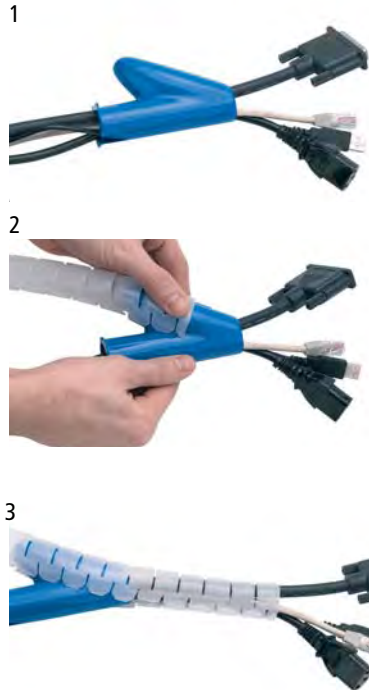
It consists of an open, **translucent** tube with a **diameter of 25 mm** made from **polyethylene**, a material that is very flexible yet also sturdy, which can easily return to its initial position and protect the cables from possible knocks or rubbing in electrical and telecom installations.



Easy-to-use applicator

Organisation at
your workstation

In three easy steps



Ø 25 mm Cable organiser



TC250 /0 Ø 25 mm, 2 m long cable organiser + cable applicator



TC251 /0 Transparent cable organiser Ø 25 mm Reels of 20 m



TCA2501 Cable applicator for 25 mm



19" Wall rack cabinets



Electroblock



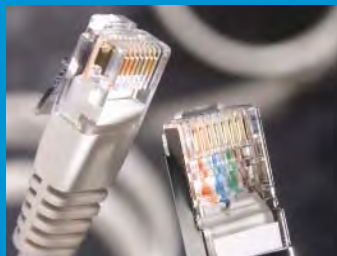
Panels



Voice and Data connectors



Voice and Data cable



Voice and Data patch cords



Optical Fibre cable system

Simon structured cabling

Distribution	122 >	19" Wall rack cabinets
Distribution	124 >	Electroblock
VDM	126 >	Panels
	128 >	Voice and Data connectors
	130 >	Voice and Data cable
	132 >	Voice and Data patch cords
	133 >	Voice and Data tools
	134 >	Optical Fibre



Quality guarantee
The SIMON CONNECT
cabling system is certified
by independent external
laboratories.



SIMON CONNECT complies
with the European RoHS
Directive on thermoplastic,
electronic and metal
materials.



Self-extinguishing, halogen-free materials:
A guarantee of safety for
persons, equipment and
information.



Solutions for Audio, Video
and Multimedia connection
for projectors, audiovisual
screens, etc.



STRUCTURED CABLING SYSTEM

The Structured Cabling System is a **telecommunications infrastructure** that provides a building with **flexible configuration** whilst also allowing **integration of new technologies** and guaranteeing **support for future transmission speeds**.

Fully integrated services **allow any type of equipment to be connected** (telephone, fax, computer, printer or scanner)

in any part of the building and its location to be changed with a simple configuration change **without the need for reinstallation**.

Simon Structured Cabling System is sufficiently **flexible** to cover all types of installations, from SMEs (2 or 3 workstations) to large corporate buildings (1000 workstations).

Structure of a cabling installation



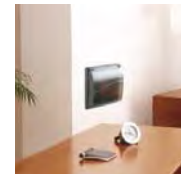
✓ Voice, Data and Multimedia

Simon offers comprehensive Voice, Data and Multimedia solutions with a wide range of connectors and panels (RJ45, SubD15, RCA, S-Video, USB, Mini-Jack, etc.).



✓ Quality guaranty

The Simon Cabling System is certified by independent external laboratories.



✓ Transmission category

The category of a structured cabling network defines the transmission speeds and the protocols that they support.

CATEGORY 6TO

Provides a 500 MHz bandwidth suitable for 10GBASE-T networks

CATEGORY 6

Provides a 250 MHz bandwidth.

CATEGORY 5e

With a 100 MHz bandwidth, this is the recommended category for **expansion and renovation** of buildings.

✓ Shielding

UTP: Unshielded Twisted Pair

Formed of the cable, panel and connectors without electromagnetic protection. The **commonest** installation for **offices**.



FTP: Foiled twisted pair

The cable, panel and connectors have a metallic shield that protects the transmissions from electromagnetic interference. This installation is recommended for **critical environments** such as **hospitals, laboratories, police stations** or any other environment where safety is particularly important.



— Horizontal cabling

The cable infrastructure that distributes the telecommunications signals throughout the floor, comprising the **distribution point**, **transmission** and the **workstation**.



Distribution

The distribution cabinet concentrates the Voice and Data signals and distributes them throughout the floor. It contains patch panels, switching patch cords, electronic equipment such as Hubs or Switches and ELECTROBLOCK terminal arrays for powering them.

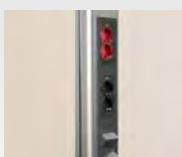


Transmission

Using 4 pair twisted cables, the signal is led around the perimeter from the distribution cabinet to the work station in trunking under a raised floor or in the ceiling.

Workstation

The final covering integrates the electric power supply and Voice and Data signals to provide service to the workstation. The Terminal Equipment (computer, telephone or fax) is connected using a Voice and Data patch cord.



— Vertical cabling

It is the cable infrastructure that connects the floors of a building. It allows the services of the telecommunications operator to be supplied from the access point to each floor.



19" WALL RACK CABINETS

The new 19" rack cabinets allow the distribution of all necessary telecommunications services (Voice, Data and Multimedia) for the tertiary sector. They are designed to house patch panels, server equipment and network transmission equipment.

Removable side panels

Removable side panels allowing maximum access to the connections during the installation and maintenance process. Easy removal, even with reduced lateral space.



Quick-fixing lock anchor points



Easy to install

Portable 19" rack according to IEC-60,297-2



Earth connection

The cabinet includes all connection markings and accessories required to earth the cabinet according to standard UNE-EN-62.208 and to perform a safe installation.



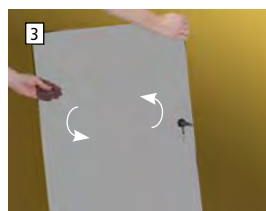
Entrance for trunking or grille

Both the top and bottom covers of the cabinet have two pre-punched holes providing access to the cables through the metal grille or trunking.



Interchangeable door

If the installation location does not allow the door to open completely, the opening direction can be changed quickly and easily.



19" RACK CABINETS



RKA1906A4F	Installations* of up to 12 posts, Height: 6 U, 375 mm
RKA1909A4F	Installations* of 12 - 24 posts, Height: 9 U, 525 mm
RKA1912A4F	Installations* of 24 - 36 posts, Height: 12 U, 670 mm
RKA1915A4F	Installations* of 36 - 50 posts, Height: 15 U, 820 mm

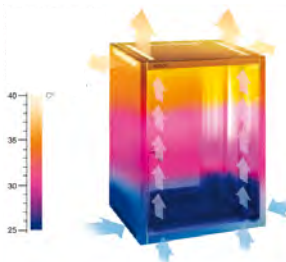
*Number of posts recommended according to applications and equipment

Wall fixing with level adjustment



Fixing holes forming mounting holes that allow the cabinet to be levelled when installing it on the wall.

Ventilation



Ventilation holes designed with **the most advanced simulation technologies** for optimum discharge of the excess convection temperature.

Fewer items in stock

The four models are available with a single depth of 45 cm, which reduces the number of items and the stock.



QUALITY DETAILS



The frame structure is made from sheet metal with a thickness of 2 mm, ensuring a highly sturdy assembly.

Maximum weight: 50 kg



High-quality painting with RAL 7035 finish with a thickness of 80 to 120 microns, guaranteeing a long service life.



Front door of **tempered glass** providing maximum safety and avoiding accidental cuts in the event of breakage. **Key locking** prevents unauthorised access and contributes to compliance with standard UNE-EN-62.208.



Protective packaging with corner reinforcements to **protect the cabinet** during transport and handling at the warehouse and on-site.

Configuration example



Quantity	Ref./Finish	Description
1	RKA1906A4F	19" rack cabinet with a height of 6 U and a depth of 45 cm. Up to 12 stations
2	CP624U	19" panel with a height of 1 U, 24 RJ45 Cat 6. UTP ports
24	CL60U	0.5 m Cat. 6 UTP patch cords
1	F1118/14	19" Electroblock with 8 Schuko sockets with cable and switch, graphite



ELECTROBLOCK

QUALITY MATERIALS

ELECTROBLOCK is manufactured with a high-quality aluminium section prepared to support the high temperatures of server rack cabinets.

✓ A finish for every application

Red version available to differentiate power lines.



✓ Safety at the workstation

With models that incorporate circuit-breakers and differential switches to protect the installation, data and people.



✓ Optional rotation and vertical fastening

The fastening flaps enable various installation positions to optimise the space inside the cabinet.



✓ With all necessary materials

ELECTROBLOCK is supplied with cables, an instruction manual and mounts for securing to the inner frame.



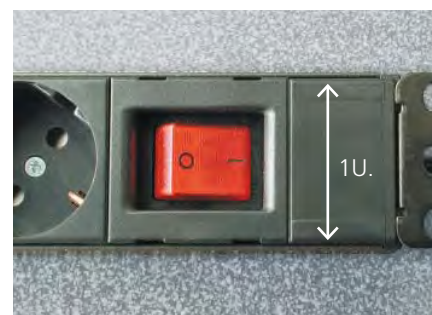
✓ Connection for network equipment

ELECTROBLOCK supplies power to hubs, switches, repeaters and routers inside the rack cabinet.



✓ 1 U. high

To make use of the space inside the cabinet and comply with the IEC 60297 standard, the ELECTROBLOCK is 1 unit high (44.45 mm).



ELECTROBLOCK WITH CABLE (2m.)

Without switch

F1105 /14 5 Schuko sockets

F1106 /6 /14 6 Schuko sockets

F1108 /14 8 Schuko sockets

F1109 /14 9 Schuko sockets

F2105 /6 /14 5 French sockets

F2106 /14 6 French sockets

F2108 /14 8 French sockets

F2109 /6 /14 9 French sockets

With 16 A Bipolar switch

F1115 /14 5 Schuko sockets

F1116 /14 6 Schuko sockets

F1118 /14 8 Schuko sockets

F2115 /14 5 French sockets

F2116 /14 6 French sockets

F2118 /6 /14 8 French sockets

With 10 A Bipolar circuit-breaker, Curve C

F1126 /14 6 Schuko sockets

F2106 /14 6 French sockets

With 30 mA differential

F1136 /14 6 Schuko sockets

F2136 /14 6 French sockets

ELECTROBLOCK WITHOUT CABLE

Without switch

F1005 /14 5 Schuko sockets

F1006 /14 6 Schuko sockets

F1008 /14 8 Schuko sockets

F1009 /14 9 Schuko sockets

F2005 /14 5 French sockets

F2006 /6 /14 6 French sockets

F2008 /6 /14 8 French sockets

F2009 /14 9 French sockets

With 16 A Bipolar switch

F1015 /14 5 Schuko sockets

F1016 /14 6 Schuko sockets

F1018 /14 8 Schuko sockets

F2015 /14 5 French sockets

F2016 /14 6 French sockets

F2018 /14 8 French sockets

With 10 A Bipolar circuit-breaker, Curve C

F1026 /14 6 Schuko sockets

F2026 /14 6 French sockets

With 30 mA differential

F1036 /14 6 Schuko sockets

F2036 /14 6 French sockets



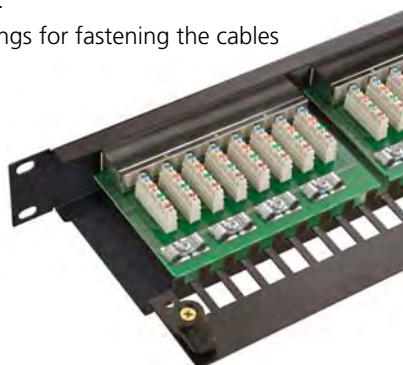
PANELS



Quality integrated panels

Integrated panels offer easy installation for cable crimping.

They include rings for fastening the cables with flanges.



With all necessary materials

The panel includes: manual, flanges and fastening screws.

The FTP version includes the protection, earth connection cable and point.



Modular panels UTP/FTP

Offer flexibility for current and future connection requirements

Ease of installation and configuration.



Cable organiser

Facilitates cable installation. Provides excellent assembly finish. Adjusts to 19" rack cabinets.



Sequence for connecting voice and data panel to the cable

<p>1</p> <p>Prepare the cable by untwisting the pairs as far as possible Follow the colour code shown in the panel</p>	<p>2</p> <p>Insert using tool CH100</p>	<p>3</p> <p>Click! During the operation, the tool cuts the cable</p>	<p>4</p> <p>Fasten the cable to the panel or to the frame of the cabinet</p>
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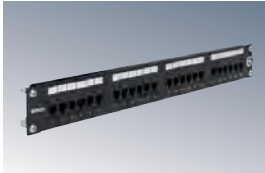
Further information about Voice and Data Tools can be found on page 133

INTEGRATED PATCH PANELS



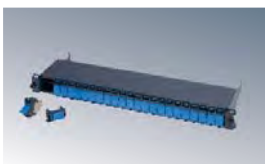
Panel with 24 ports and 1 U. high for assembly with 19" rack cabinets.
IDC 110 contacts for insertion with tool (ref. CH100)

CP624F	Cat. 6 FTP
CP524F	Cat. 5e FTP



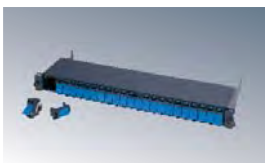
CP624U	Cat. 6 UTP
CP524U	Cat. 5e UTP

MODULAR PATCH PANELS



Panel with 24 ports and 1 U. high for assembly with 19" rack cabinets.
IDC 110 contacts for insertion with tool (ref. CH100)

CP56A24F*	Modular panel FTP 24 ports (Cat. 6A)
CP5624F*	Modular panel FTP 24 ports (Cat. 5e / Cat. 6)



CP5624U*	Modular panel UTP 24 ports (Cat. 5e / Cat. 6)
-----------------	---



CABLE ORGANISER



CP0001*	Cable organiser for 29" rack cabinets.
----------------	--



* Next launch. Check availability.

Insertion tool



CH100
IDC110 cable connection tool for voice and data connectors and panels
Insertion and cutting sheet included.

Choice of normal or shielded, modular panel or integrated panel

UTP Panel

Installable in environments with low electromagnetic interference (offices).



Offices

Shielded FTP Panel

Recommended for environments where security is important or where there is an increased level of electromagnetic interference (hospitals, laboratories, police stations, etc.).



Health centres



Laboratories



Police stations



VOICE AND DATA CONNECTORS



✓ Slim-Line Connectors

The Slim-Line design of the SIMON connectors allows maximum connection density.

Minimum width
connectors →



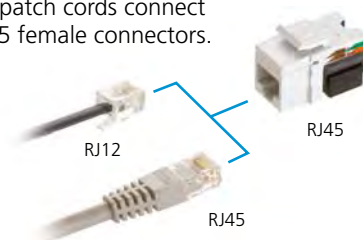
✓ Shielded around 360°

SIMON FTP connectors offer complete shielding thanks to the metallic shield that protects communications from external interference.



✓ 1 connector for several types of patch cords

The RJ11 and RJ12 patch cords connect perfectly to the RJ45 female connectors.



✓ Individual packaging

Each connector comes in an individual package with **easy-opening**.



✓ Allow telephone and computer connection (Voice and Data)

To connect the telephone, simply wire the Blue and White-Blue pair.



✓ Sequence to connect the RJ45 female connector to the cable

<p>1</p> <p>Prepare the cable by untwisting the pairs as far as possible</p>	<p>2</p> <p>Insert using tool CH100</p>	<p>3</p> <p>During the operation, the tool cuts the cable</p>	<p>4</p> <p>Put on the protective cover</p>
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See connection diagram on page 126

Further information about Voice and Data tools can be found on page 133

RJ45 CONNECTORS



RJ45 UTP and FTP female connector with IDC 110 contacts for insertion with tool (ref. CH100).
Assembly on SIMON Voice and Data Plates (Plates number 67)

CJ6A45F*	Cat. 6A FTP
CJ645F	Cat. 6 FTP
CJ545F	Cat. 5e FTP



CJ645U	Cat. 6 UTP
CJ545U	Cat. 5e UTP

Insertion tool

Further information about
Voice and Data Tools can
be found on page 133



CH100

IDC110 cable connection tool for **Voice and Data Connectors** and **Panels**.
Insertion and cutting sheet included.

Voice and Data plates with SIMON connectors included



CIMA Voice and Data plates on page 40



K45 Voice and Data plates on page 78

Install them on the SIMON series

The connectors are fully compatible with the SIMON miscellaneous hardware series.

* See references
of items on
pages 17 - 193 - 69 - 99
from Simon General
Catalogue 2010/2011

	For 1 connector		For 2 connectors	
	Angled	Flat	Angled	Flat
Simon 27*	27081-35 + 1 75001-39	27087-35	27086-35 + 2 75001-39	27486-35
Simon 73 Loft*	73085-60	-	73086-60 + 2 75001-39	-
Simon 75*	75578-30 + 1 75001-39	75585-60	75579-30 + 2 75001-39	75589-60
Simon 82*	82578-30 + 1 75001-39	82005-30	82579-30 + 2 75001-39	82006-30

The double angled plates
do not fit FTP connectors.

* Next launch. Check availability.



Technical details
See page 198



VOICE AND DATA CABLE



✓ Cable outlet with retainer

Prevents the cable from falling inwards.



✓ Easy identification

The marking of the pairs prevents identification errors.



Sheath colour quickly identifies the type of cable:

	CB630U (RAL5015)
	CB631U (RAL7001)
	CB531U (RAL4005)
	CB530U (RAL6027)

Cable marked by metre to measure length easily.



✓ High-quality, sturdy packaging

305 m coils in **high quality** and durability **stapled boxes** for support during storage, transport and handling on-site.

Recyclable. Made from chlorine-free cardboard.

Ergonomic handle to facilitate cable transport.

Label identifying the cable type.



✓ Flexible

Sheath material is flexible and **slides easily**.



✓ Regulations

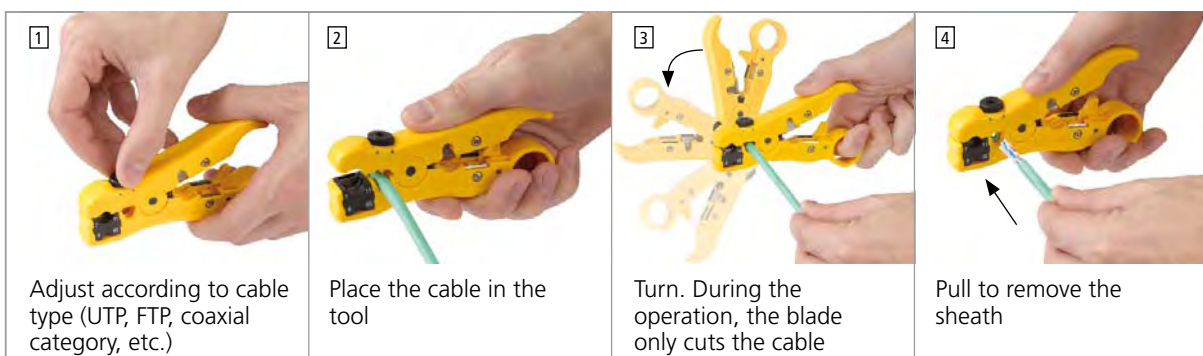
Product designed according to legislation:

EN 50.173-1 Cabling Standard Information Tecnology / TIA/ EIA 568 A/B Comercial Building Telecommunications Cabling Standard / ISO/IEC 11.801 Cabling Standard, Generis Cabling for Customer Premises.

Complies with the RoHS directive and respects the environment

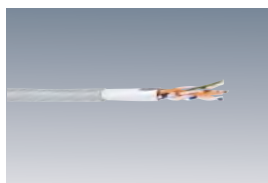
Category 6A complies with standard: TIA/EIA-568-B.2-10 Augmented Category 6 and ISO 11801 Edition 2.1. Class Ea specifications. Defined up to 500Mhz.

✓ Cable stripping process



Further information about Voice and Data Tools can be found on page 133

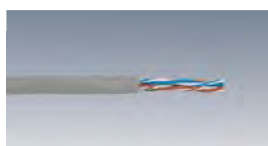
VOICE AND DATA CABLES WITH PVC COVER



CB651FD	Voice and Data cable cat 6 FTP (shielded) PVC on reel 500 m
CB531F	Voice and Data cable cat 5e FTP (shielded) PVC on reel 305 m

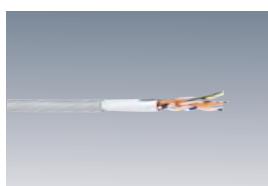


CB631U	Voice and Data cable cat 6 UTP PVC in box 305 m
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CB531U	Voice and Data cable cat 5e UTP PVC in box 305 m
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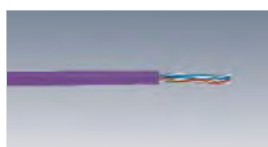
VOICE AND DATA CABLES WITH LSZH COVER (halogen-free)



CBA50FD*	Voice and Data cable cat. 6A FTP LSZH (halogen-free) on reel 500 m	
CB630F	Voice and Data cable cat. 6 FTP LSZH (halogen-free) in box 305 m	
CB650FD	Voice and Data cable cat. 6 FTP LSZH (halogen-free) on reel 500 m	
CB530F	Voice and Data cable cat. 5e FTP LSZH (halogen-free) in box 305 m	
CB550FD	Voice and Data cable cat. 5e FTP LSZH (halogen-free) on reel 500 m	



CB630U	Voice and Data cable cat. 6 UTP LSZH (halogen-free) in box 305 m
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CB530U	Voice and Data cable cat. 5e UTP LSZH (halogen-free) in box 305 m
---------------	---

Example for determining the length of cable required in an installation

In accordance with standards, a workstation consisting of two RJ45 sockets must be installed for every 10 m². On average, a cable length of 50 metres is estimated for each RJ45 socket; this distance will be adjusted in a single installation according to building layout and exact location of the distribution cabinet: below are some guideline values:

For 12 workstations :	1200 metres or 3 boxes of cable with 305 metres each
For 24 workstations :	2400 metres or 6 boxes of cable with 305 metres each
For 36 workstations :	3600 metres or 9 boxes of cable with 305 metres each
For 48 workstations :	4800 metres or 12 boxes of cable with 305 metres each

* Next launch. Check availability.



VD PATCH CORDS



High connection density

The small size of the RJ45s enables high connection density in cabinets.

- Straps manufactured using flexible cable and certified one by one.
- Allow patch connections in the rack cabinet and between the connection boxes and user equipment.



Individual packaging



VOICE AND DATA CABLE PATCH CORDS

CL6A0F*	Cat. 6A FTP 0.5 m RJ45-RJ45 FTP patch cord
CL6A1F*	Cat. 6A FTP 1 m RJ45-RJ45 FTP patch cord
CL6A2F*	Cat. 6A FTP 2 m RJ45-RJ45 FTP patch cord
CL6A3F*	Cat. 6A FTP 3 m RJ45-RJ45 FTP patch cord
CL6A5F*	Cat. 6A FTP 5 m RJ45-RJ45 FTP patch cord
CL60F	Cat. 6 FTP 0.5 m RJ45-RJ45 FTP patch cord
CL61F	Cat. 6 FTP 1 m RJ45-RJ45 FTP patch cord
CL62F	Cat. 6 FTP 2 m RJ45-RJ45 FTP patch cord
CL63F	Cat. 6 FTP 3 m RJ45-RJ45 FTP patch cord
CL65F	Cat. 6 FTP 5 m RJ45-RJ45 FTP patch cord
CL50F	Cat. 5e FTP 0.5 m RJ45-RJ45 FTP patch cord
CL51F	Cat. 5e FTP 1 m RJ45-RJ45 FTP patch cord
CL52F	Cat. 5e FTP 2 m RJ45-RJ45 FTP patch cord
CL53F	Cat. 5e FTP 3 m RJ45-RJ45 FTP patch cord
CL55F	Cat. 5e FTP 5 m RJ45-RJ45 FTP patch cord

N
New
product

* Next launch. Check availability.



CL60U	Cat. 6 UTP 0.5 m RJ45-RJ45 UTP patch cord
CL61U	Cat. 6 UTP 1 m RJ45-RJ45 UTP patch cord
CL62U	Cat. 6 UTP 2 m RJ45-RJ45 UTP patch cord
CL63U	Cat. 6 UTP 3 m RJ45-RJ45 UTP patch cord
CL65U	Cat. 6 UTP 5 m RJ45-RJ45 UTP patch cord
CL50U	Cat. 5e UTP 0.5 m RJ45-RJ45 UTP patch cord
CL51U	Cat. 5e UTP 1 m RJ45-RJ45 UTP patch cord
CL52U	Cat. 5e UTP 2 m RJ45-RJ45 UTP patch cord
CL53U	Cat. 5e UTP 3 m RJ45-RJ45 UTP patch cord
CL55U	Cat. 5e UTP 5 m RJ45-RJ45 UTP patch cord



Technical details
See page 198



VOICE AND DATA TOOLS

Professional tools

SIMON presents the NEW high-quality professional tools for installing Structured Cabling. The range consists of insertion tools with spare parts, pliers, cable stripper and crimping tool. The cable stripper and the precision-cutting pliers can also be used for TV sockets and multimedia connectors. The crimping tool is for RJ11, RJ12 and RJ45 connectors.

SCE TOOLS



CH100
IDC professional tool for inserting and cutting RJ45 connectors and panels.
See usage sequence on page 126 and 128



CH101
Spare IDC110 insertion and cutting blade for CH100 tool.



CH104
Professional tool for crimping RJ connectors 4 pins, 6 pins or 8 pins (RJ45).



CH106
Cable stripper tool for UTP/STP twisted pair and coaxial antenna cable.
See usage sequence on page 130



CH108
Precision pliers for cable cutting.

Insertion and cutting tool



- 1 - Compatible with spare blade CH101
- 2 - Hook for lifting and removing cables
- 3 - Allows impact force adjustment
- 4 - Ergonomic (adapts to the shape of the hand)
- 5 - Inserts and cuts the cable in one step

Sequence for crimping male RJ connectors (computer and telephone)



Prepare connector
See connection diagram on page 199



Fit connector in tool



Crimp to complete the connection



OPTICAL FIBRE CABLING SYSTEM

Optical Fibre all the way to the workstation



Floor rack cabinet

Workstation

Optical Fibre plates

SIMON has a wide range of solutions for Optical Fibre connectors (ST, SC, LC, VF, etc.)

Check the supplied information depending on the format:

CIMA Optical Fibre Plates page 44

K45 Optical Fibre Plates page 84



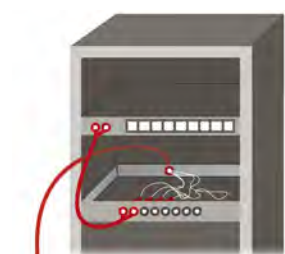
Applications

Trunk connection for connection between floors or between buildings.

Installations with long cabling distances.

Cabling for computer and telephone networks in large corporations.

Vertical Optical Fibre installation



19" rack cabinet floor 2



19" rack cabinet floor 1

Where copper cannot reach

Installation of the Optical Fibre System is recommended in environments where the security of the transmitted data is essential, where the transmission distance exceeds the norm for copper systems or where very high transmission speeds are required.

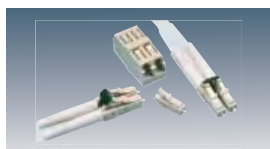




PATCH PANELS

CF401012	1U extendable panel for 19" rack of 12 STs
CF404024	1U extendable panel for 19" rack of 24 STs
CF404012	1U extendable panel for 19" rack of 12 duplex SCs

Extendible splicing and patch boxes used for termination by means of welding pig-tails or direct connector fitting for optical fibre cables



CONNECTORS AND ADAPTERS

Connectors

CF71100	Multimode Epoxy ST fibre connector of 250/900 um
CF71200	Multimode Epoxy SC fibre connector of 250/900 um

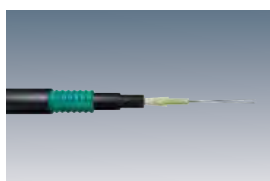
For assembly using Epoxy glue with an excellent finish.



Double female adapters

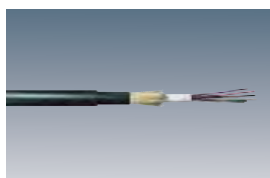
CF10100	ST-ST multi-mode adapter
CF10200	SC-SC duplex multimode adapter

Enable the connection of two male connectors.

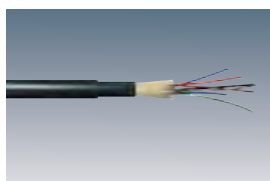


OPTICAL FIBRE CABLES

CF510EC4	External 62.5/125 4 fibre cable with corrugated steel shield
CF510EC6	External 62.5/125 6 fibre cable with corrugated steel shield
CF510EC8	External 62.5/125 8 fibre cable with corrugated steel shield
CF510EC12	External 62.5/125 12 fibre cable with corrugated steel shield



CF510ED4	Int/ext 62.5/125 LSZH 4 fibre cable with dielectric shield
CF510ED6	Int/ext 62.5/125 LSZH 6 fibre cable with dielectric shield
CF510ED8	Int/ext 62.5/125 LSZH 8 fibre cable with dielectric shield
CF510ED12	Int/ext 62.5/125 LSZH 12 fibre cable with dielectric shield



CF510N2	Internal 62.5/125 LSZH 2 fibre cable
CF510N4	Internal 62.5/125 LSZH 4 fibre cable
CF510N6	Internal 62.5/125 LSZH 6 fibre cable
CF510N8	Internal 62.5/125 LSZH 8 fibre cable

Series of cables to cover all the needs of the installation, with different numbers of fibres and sheathed with different protective materials.

PATCH CORDS AND PIGTAILS

Patch cords

CF311N2	Jumper 2xST - 2xST 62.5/125, 2 m
CF312N2	Jumper 2xSC - 2xSC 62.5/125, 2 m
CF313N2	Jumper 2xST - 2xSC 62.5/125, 2 m

Section of fibre fitted with connectors at both ends.

Pig-tail

CF211N1	Pigtail 1 m ST multimode 62.5/125 fibre 900 um
CF212N1	Pigtail 1 m ST multimode 62.5/125 fibre 900 um

Section of fibre with connector fitted at one end.
Allows the cable to be terminated by fibre fusion.





Quick-connection



Electrobanda

Simon electric cabling

138 > Quick-connection

142 > Electrobanda





QUICK-CONNECTION

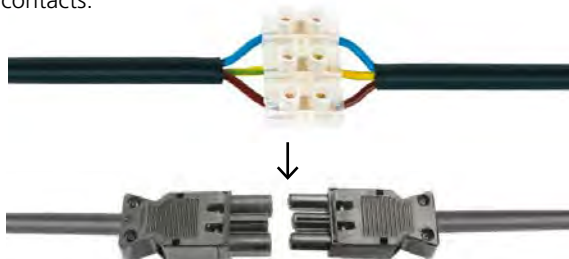
The quick-connection system is made up of a series of connectors and electric cables that make it possible to **interconnect** parts of the installation **quickly and safely**.

Quickly, because they allow all the elements to be shipped assembled and cabled at the workshop, reducing the time at the site. The installation of the products requires only **"arriving and connecting"**.

Safely because they include an anchoring system that protects against accidental disconnection and the contacts are permanently **protected** against access (both male and female).

✓ The evolution of connections!

The quick-connection replaces the traditional connector array with maximum guarantees of protection against contacts.



✓ Protection against direct contact

Both the male and female connectors and the overhead and embedded connectors provide protection against direct access.



Male connector



Female connector

✓ Assembly in CIMA floor boxes

The references S410/.. and S610/.. include pre-punched holes for two, 3 pole quick connectors.

Also for TELEBLOCK K45 and OFIBLOCK K45 using K45 plates for quick connection.

(See page 86)



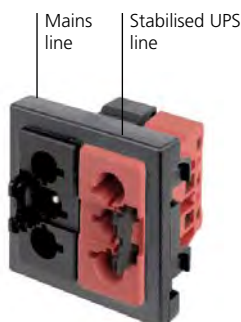
✓ Safety clip

The safety clip prevents accidental disconnection of patch cords.



✓ Also for UPS line

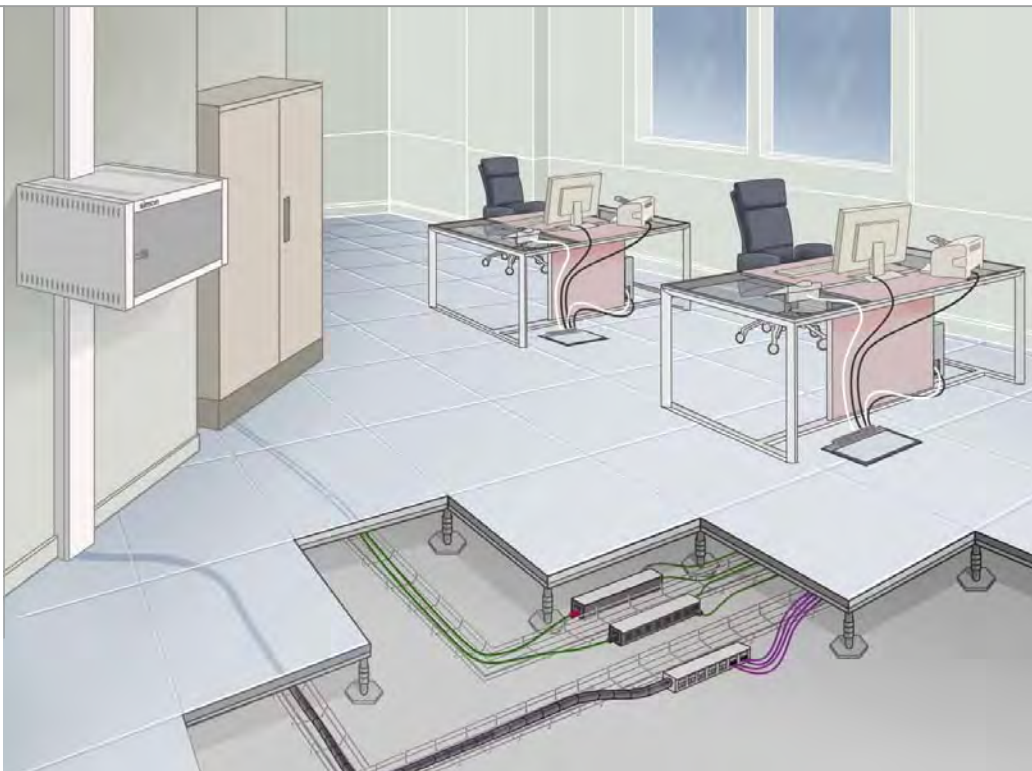
NEW CONNECTORS Special (red colour) to differentiate the stabilised UPS current with own geometry and avoid connection errors.



Under raised-floor installation system

Raised-floor installations using OFIBLOCK COMPACT K45 as junctions or Junction box.

With OFIBLOCK
COMPACT K45



Connector compatibility



White. White connectors for Standard circuits

Black. Black connectors to differentiate Standard circuits

Red. Red connectors exclusively for UPS lines. Own geometry

The red connectors are not compatible with the black and white ones to avoid confusion during installation.

QUICK CONNECTION IEC320



K305A /9 /14 K45 plate with one (1) IEC320 male quick connector

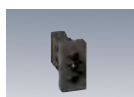


K306A /9 /14 K45 plate with one (1) IEC320 female quick connector



KTL8 /14 Schuko-IEC320 2 m female electrical patch cord

PLATES WITH 3-POLE FLUSH-MOUNT QUICK CONNECTORS



K121A /9 /14 K45 plate 1/2 mechanism for one (1) 3 pole male quick connector



K121B /9 /14 K45 plate 1/2 mechanism for one (1) 3 pole female quick connector

PLATES FOR 3-POLE FLUSH-MOUNT QUICK CONNECTORS



K121 /9 /14 K45 plate 1/2 mechanism for one (1) 3 pole male or female quick connector



K18 /9 /14 K45 plate for one (1) 3 pole male or female flush-mount quick connector



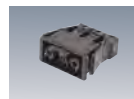
KB18 /9 /14 K45 plate for two (2) 3 pole male or female flush-mount quick connector

PLATES FOR 5-POLE FLUSH-MOUNT QUICK CONNECTORS



K18W5 /9 /14 K45 plate two (2) mechanisms for one (1) 5 pole male or female flush-mount quick connector

CONNECTORS



CR0001 /9 /14 /6 3 pole female flush-mount quick connector, connection by clamp



CR0002 /9 /14 /6 3 pole male flush-mount quick connector, connection by clamp



CR0003 /9 /14 /6 3 pole female overhead quick connector, connection by screw



CR0004 /9 /14 /6 3 pole male overhead quick connector, connection by screw



CR5001 /14 5 pole female flush-mount quick connector, connection by clamp



CR5002 /14 5 pole male flush-mount quick connector, connection by clamp



CR5003 /14 5 pole female overhead quick connector, connection by screw



CR5004 /14 5 pole male overhead quick connector, connection by screw

Connectors in /6 are not compatible with /9 /14 to avoid confusion during installation.

Red
Ral 3002

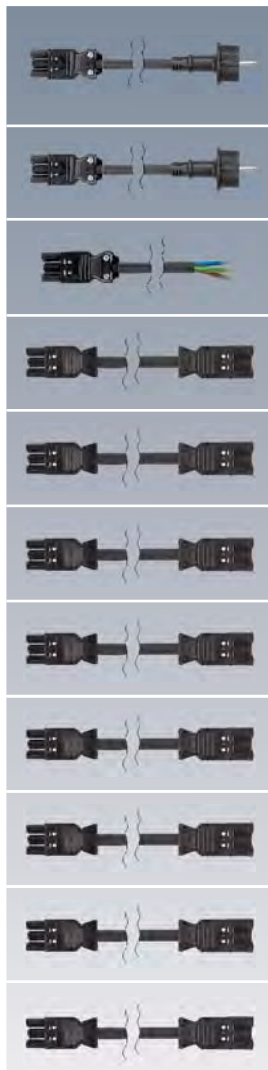
 Pure white
Ral 9010

 Graphite grey
Ral 7021

/6

/9

/14



3-POLE QUICK-CONNECTION PATCH CORDS

CR1020 /9 /14	3 pole Schuko female quick-connection patch cord. 2 m. PVC Section 3x1.5 mm ²
CR6020 /9 /14 /6	3 pole Schuko female quick-connection patch cord. 2 m. RZ cable – 0.6/1 kv. Halogen-free. Section 3x2.5 mm ²
CR4020 /9 /14 /6	3 pole free-end female quick-connection patch cord. 2 m. RZ cable – 0.6/1 kv. Halogen-free. Section 3x2.5 mm ²
CR2010 /9 /14 /6	3 pole male-female quick-connection patch cord. 1 m. RZ cable – 0.6/1 kv. Halogen-free. Section 3x2.5 mm ²
CR2020 /9 /14 /6	3 pole male-female quick-connection patch cord. 2 m. RZ cable – 0.6/1 kv. Halogen-free. Section 3x2.5 mm ²
CR2030 /9 /14 /6	3 pole male-female quick-connection patch cord. 3 m. RZ cable – 0.6/1 kv. Halogen-free. Section 3x2.5 mm ²
CR2040 /9 /14 /6	3 pole male-female quick-connection patch cord. 4 m. RZ cable – 0.6/1 kv. Halogen-free. Section 3x2.5 mm ²
CR2050 /9 /14 /6	3-pole male-female quick-connection patch cord. 5 m. RZ cable – 0.6/1kv. Halogen-free. Section 3 x 2.5 mm ²
CR2060 /9 /14 /6	3 pole male-female quick-connection patch cord. 6 m. RZ cable – 0.6/1 kv. Halogen-free. Section 3x2.5 mm ²
CR2070 /9 /14 /6	3 pole male-female quick-connection patch cord. 7 m. RZ cable – 0.6/1 kv. Halogen-free. Section 3x2.5 mm ²
CR2080 /9 /14 /6	3 pole male-female quick-connection patch cord. 8 m. RZ cable – 0.6/1 kv. Halogen-free. Section 3x2.5 mm ²

Connectors in /6 are not compatible with /9 /14 to avoid confusion during installation.

JUNCTIONS

CR7312 /14	3 pole T-junction part with 1 input and 2 outputs
-------------------	---

The SIMON quick-connection plates are also compatible with WAGO® connectors



i Configuration example

OFIBLOCK COMPACT K45: Consolidation point for raised floor or false ceiling



	Quantity	Ref./Finish	Description
Covering	1	KFC106/14	OFIBLOCK COMPACT K45 6 usable mechanisms
Electrical sockets and plates	1	ACFC03/24	Side cover for single quick-connection input
	1	CR0002/14	3 pole male flush-mount quick-connector, graphite
	6	KB18/14	K45 plate for two (2) 3 pole male or female flush-mount quick-connectors, graphite
	12	CR0001/14	3 pole female flush-mount quick-connector, graphite

N.B. This configuration does not include the patch cord in the reference listing



ELECTROBANDA

Great adaptability

The ELECTROBANDA pre-wired trunking is especially designed for **commercial and industrial** premises, such as **hypermarkets and warehouses**. It is pre-fabricated with 3 conductors for 20 A to 240 V.

Complete installation flexibility

Allows assembly of mechanically interlocking **mobile socket bases** that can be changed position without needing to be wired.



Installation options

Wall installation

ELECTROBANDA has an aluminium section with a matching cover that allows it to be installed on wall surfaces, providing a good finish.

Installation in aluminium perimeter trunking

ELECTROBANDA can be attached to the following aluminium trunkings:



With 65 mm cover:

ELECTROBANDA clips directly on the 65x40 mm model.

See aluminium Mini-trunking on page 96

Tools required
for Electrobanda
installation



PEA131
Angle piece bender



PEA132
Cable strippers

Aluminium
Anodised

Pure white
Ral 9010

/8

/9

ELECTROBANDA TRUNKING



PE101 /9 ELECTROBANDA in 25 m reel

Accessories

Electrical sockets for ELECTROBANDA



PEA124 /9
Mobile Schuko socket



PEA125 /9
Mobile French socket

Wall-mount accessories



PEA100 /8
2.5 m aluminium
section



PEA110 /9
Section cover
in 25 m reel



PEA120 /9
Connection box
(electric power supply)



PEA101 /9
Flat 90° angle piece



PEA104 /9
End cover



PEA106 /9
T-junction

Accessories for installation in aluminium perimeter trunking

Aluminium trunking with 65mm cover: 65 x 40 mm model



TMA08 /8
65x120 mm aluminium
plate for Schuko socket



TMA07 /8
65x120 mm aluminium plate
for French socket



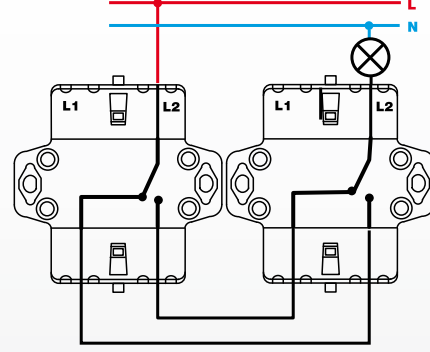
Technical details
[See page 201](#)

Simon Technical Information





Simon Technical Information



Technical information

Plastic parts manufactured using thermoplastic, self-extinguishing, halogen-free materials, which prevent flames from spreading during a fire and guarantee low toxicity in the event that any smoke is released.

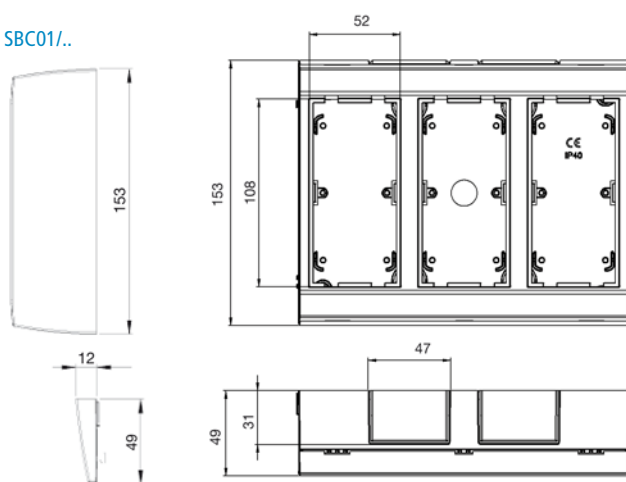


CIMA PRO SURFACE WALL

- Product designed according to the Safety Requirements of Directive 2006/95/EC (Low Voltage) through standard UNE-EN-60.670.
- CE marked product.
- Impact resistance IK:07.
- IP protection level: 4x.
- The recommended temperature range during installation is: - 5° C to + 60° C.
- The maximum temperature during construction work is + 60°C.

Side covers

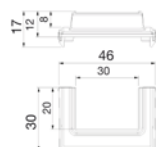
Ref. [SBC01/..](#)



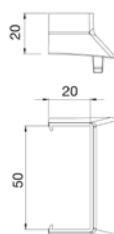
References	No. of modules	Measurements Width
Complete boxes		
SBC100/..	1	94
SBC200/..	2	152
SBC300/..	3	215
SBC400/..	4	278
Customised boxes		
SBC150/..	1	70
SBC250/..	2	128
SBC350/..	3	191
SBC450/..	4	254

Power supply from mini-trunking

Ref. [BC141/..](#)

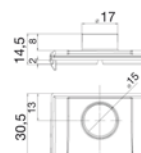


Ref. [SBM31F/..](#)



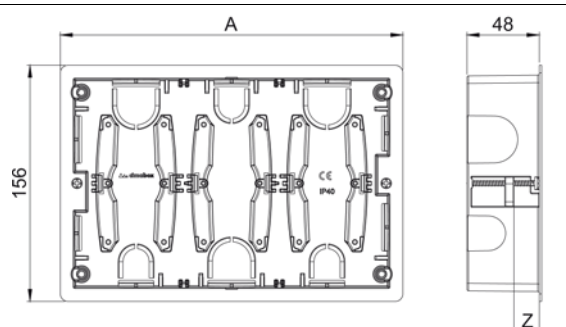
Power supply from cable adapter trunking

Ref. [TSA006/..](#)



CIMA PRO FLUSH-MOUNT WALL

- Product designed according to the Safety Requirements of Directive 2006/95/EC (Low Voltage) through standard UNE-EN-60.670.
- CE marked product.
- IP protection level: 4x.
- Impact resistance IK:07.
- The recommended temperature range during installation is: - 5° C to + 60° C.
- The maximum temperature during construction work is + 90°C.

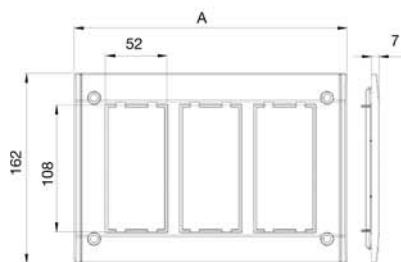


References	No. of modules	Measurements A	Measurements Z	Large pre-punched hole no.	Small pre-punched hole no.
SBM250	2	163	5 to 38	6 at Ø 31	6 at Ø 23
SBM350	3	226		8 at Ø 31	8 at Ø 23
SBM450	4	289		10 at Ø 31	10 at Ø 23

Measurements in mm

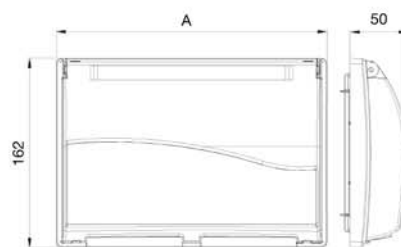
CIMA PRO FLUSH-MOUNT WALL

Trim frame



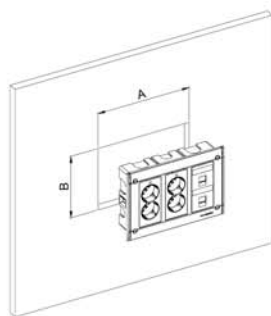
References	No. of modules	Measurements A
SBM202/..	2	169
SBM302/..	3	232
SBM402/..	4	295

Trim frame with cover



References	No. of modules	Measurements A
SBMT202/..	2	169
SBMT302/..	3	232
SBMT402/..	4	295

Installation in masonry, Pladur® or partition wall

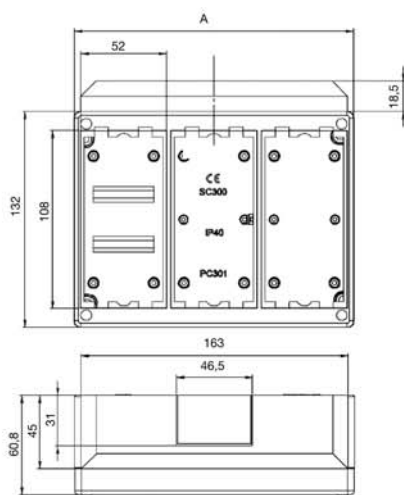


References	No. of modules	Measurements of space Ax B
SBM250/..	2	156x148
SBM350/..	3	219x148
SBM450/..	4	282x148

CIMA SURFACE WALL

- Product designed according to the Safety Requirements of Directive 2006/95/EC (Low Voltage) through standard UNE-EN-60.670.
- CE marked product.
- IP protection level: 4x.

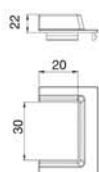
- Impact resistance IK:07.
- The recommended temperature range during installation is: - 5° C to + 60° C.
- The maximum temperature during construction work is + 60°C.



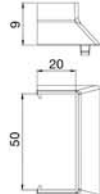
References	No. of modules	Measurements A
SC100/..	1	78
SC200/..	2	116.5
SC300/..	3	171
SC400/..	4	228.5
SC600/..	6	338.5

Power supply from mini-trunking

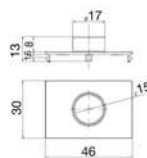
Ref. SCM21F/..



Ref. SCM 31F/..

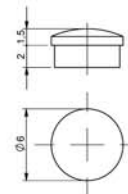


Ref. TSA005/..



Spare parts

Ref. RSM002/9



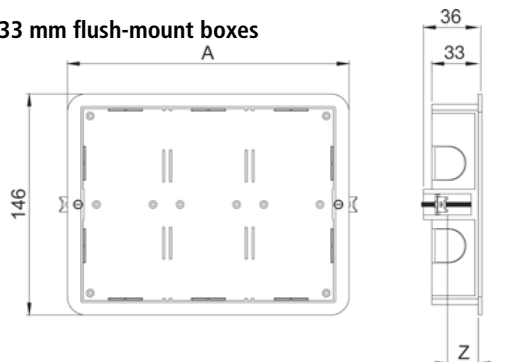
Measurements in mm

Technical information

CIMA WALL FLUSH-MOUNT

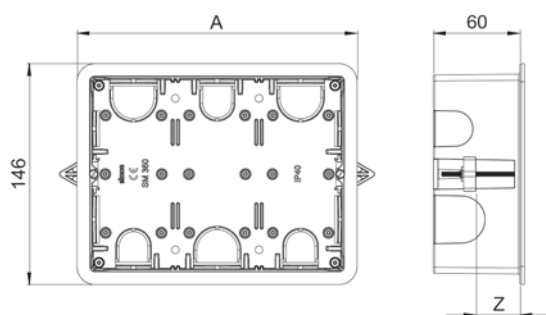
- Product designed according to the Safety Requirements of Directive 2006/95/EC (Low Voltage) through standard UNE-EN-60.670.
- CE marked product.
- IP protection level: 4x.
- Impact resistance IK:08.
- The recommended temperature range during installation is: - 5° C to + 60° C.
- The maximum temperature during construction work is + 90°C.

33 mm flush-mount boxes



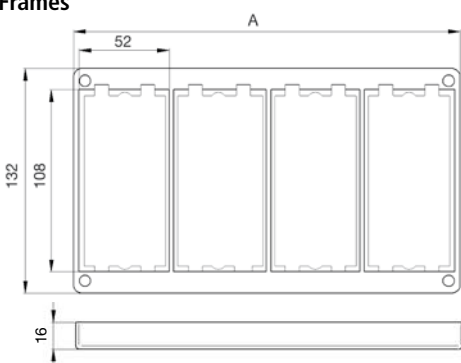
References	No. of modules	Measurements A	Measurements Z	Pre-punched hole No.
SM150	1	91	0 to 28	6 at Ø 23
SM250	2	131		8 at Ø 23
SM350	3	186		10 at Ø 23
SM450	4	143		12 at Ø 23

60 mm flush-mount boxes



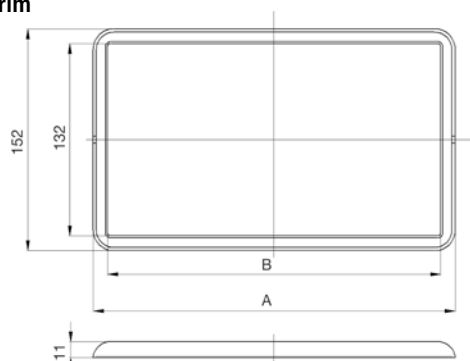
References	No. of modules	Measurements A	Measurements Z	Large pre-punched hole no.	Small pre-punched hole no.
SM160	1	91	3.5 to 46	3 at Ø 31	3 at Ø 23
SM260	2	146		4 at Ø 31	4 at Ø 23
SM360	3	185		5 at Ø 31	5 at Ø 23
SM460	4	243		6 at Ø 31	6 at Ø 23
SM660	6	355		8 at Ø 31	8 at Ø 23

Frames



References	No. of modules	Dimensions A
SM102/..	1	76
SM202/..	2	116
SM302/..	3	173
SM402/..	4	228
SM602/..	6	339

Trim

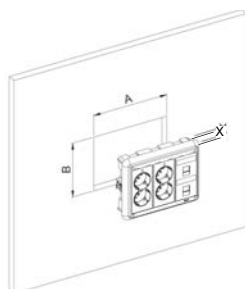


References	No. of modules	Dimensions A	Dimensions B
SM100/..	1	97	77
SM200/..	2	137	117
SM300/..	3	192	172
SM400/..	4	247	227
SM600/..	6	361	341

Measurements in mm

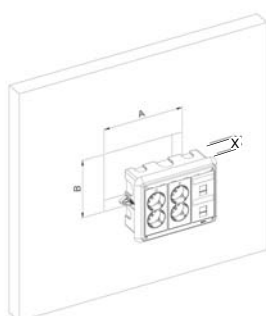
CIMA WALL FLUSH-MOUNT

33 mm wall installation



References	No. of modules	Measurements of space AxB	Depth X
SM150/..	1	88x135	33
SM250/..	2	128x135	33
SM350/..	3	183x135	33
SM450/..	4	239x135	33

60 mm wall installation



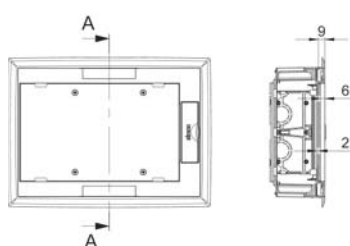
References	No. of modules	Measurements of space AxB	Depth X
SM160/..	1	83x135	60
SM260/..	2	123x135	60
SM360/..	3	178x135	60
SM460/..	4	235x135	60
SM660/..	6	346x135	60

CIMA FLOOR BOXES SHALLOW

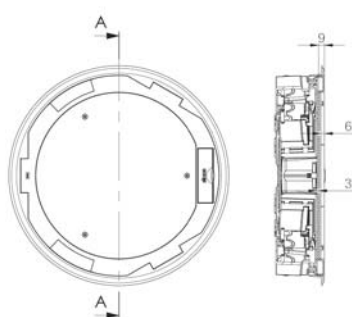
- Product designed according to the Safety Requirements of Directive 2006/95/EC (Low Voltage) through standard UNE-EN-60.670.
- CE marked product.
- IP protection level: 4x.
- Impact resistance IK:08.
- The recommended temperature range during installation is: - 5°C to + 60°C.
- <g id="12820">The maximum temperature during construction work </g>is + 90°C. (Installed with junction box)

Boxes

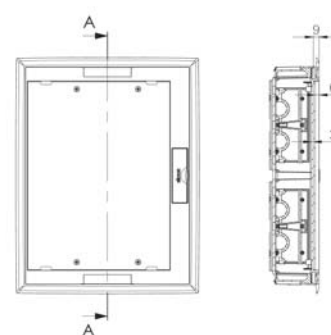
2 Modules



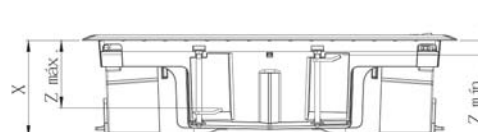
3 Modules



4 Modules



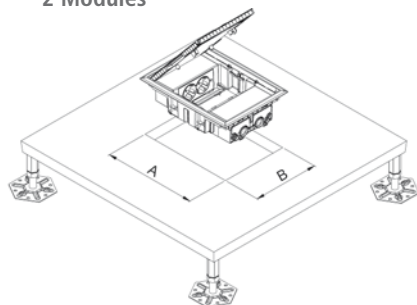
References	No. of modules	Measurements X	No. of pre-punched hole x module	Measurements Z
SF200/..	2	69	2 at Ø 10 2 at Ø 20 2 at 55x20	11 to 48
SF300C/..	3			
SF400/..	4			
KF200/..	2	64	3 at Ø 10 2 at Ø 20 2 at 22x34	11 to 48
KF300C/..	3			
KF400/..	4			



Measurements in mm

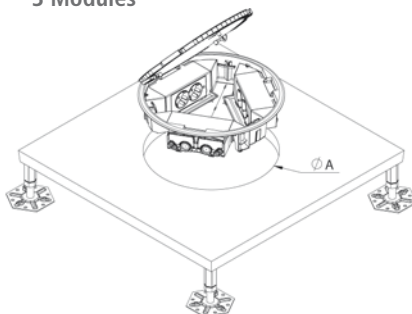
CIMA FLOOR BOXES SHALLOW

Raised-floor installation 2 Modules



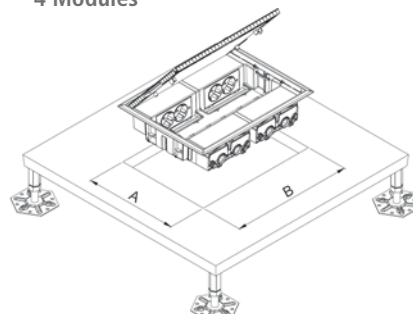
References	Measurements AxB
SF200/1	250x178
KF200/1	250x178

3 Modules



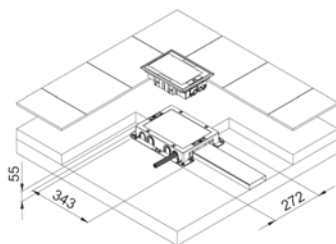
References	Diameter A
SF300/1	300
KF300/1	300

4 Modules

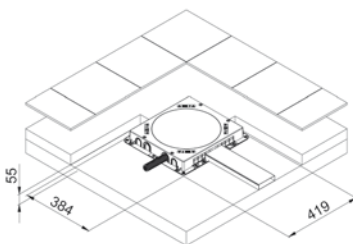


References	Measurements AxB
SF400/1	250x327
KF400/1	250x327

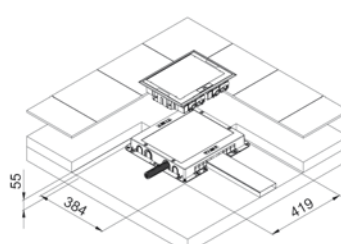
Ground installation 2 Modules



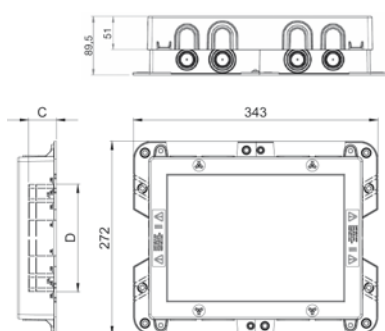
3 Modules



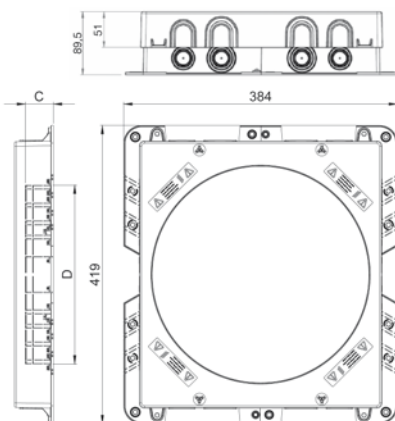
4 Modules



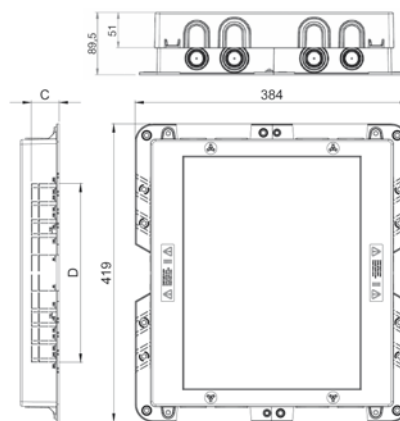
Paved Floor Trays 2 Modules



3 Modules



4 Modules



References	No. of modules	Measurements of the opening in the junction box	Depth X	Pre-punched hole no. Tube inlet	Trunking inlet CxD	
G201	2	272x343	54.5 to 90**	8 at Ø 20 8 at Ø 25 8 at Ø 32 4 at Ø 40	50 100 110 140 150 *190 *200 *240 *250	x28 x38
G301C	3	419x384				
G401	4					

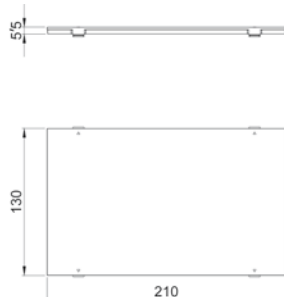
* Only for G301C and G401
** Not including floor trim

CIMA FLOOR BOXES MECHANISM-HOLDER SHALLOW

Trim covers

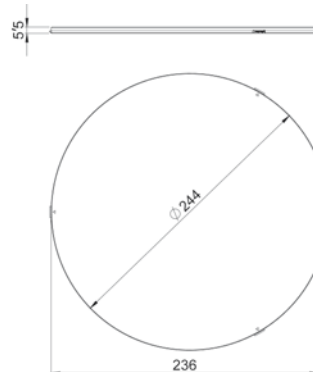
2 Modules

Ref. [S215/1](#)



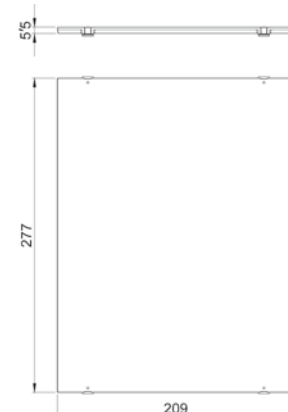
3 Modules

Ref. [S315C/1](#)



4 Modules

Ref. [S415/1](#)

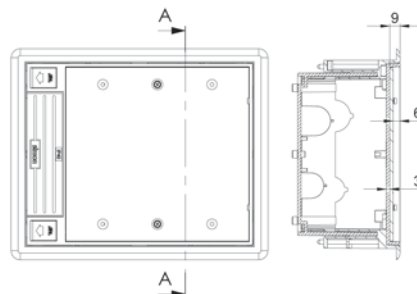
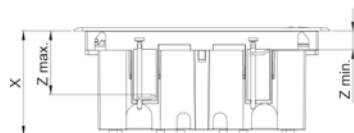


CIMA FLOOR BOXES

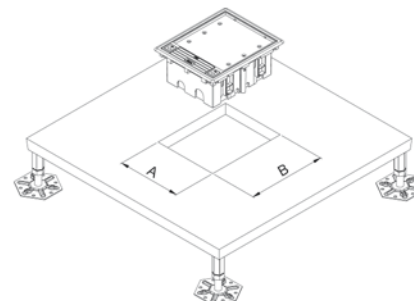
- Product designed according to the Safety Requirements of Directive 2006/95/EC (Low Voltage) through standard UNE-EN-60.670.
- CE marked product.
- IP protection level: 4x.

- Impact resistance IK:08.
- The recommended temperature range during installation is: - 5°C to + 60°C.
- The maximum temperature during construction work is + 90°C.

Boxes



Raised-floor installation



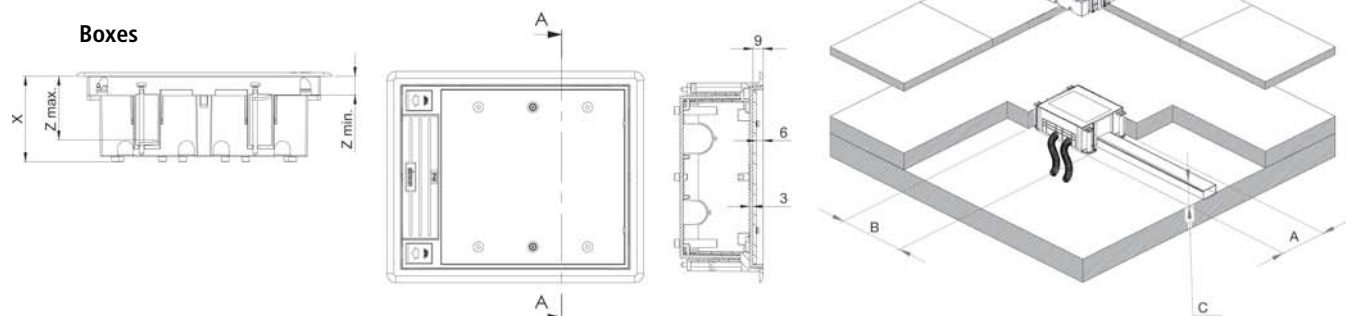
References	No. of modules	Measurements of space AxB	Depth X	Pre-punched hole No.	Load maximum	Adjustment Z Min.	Adjustment Z Max.
SF110/..	1	170x115	Adjustable from 90 to 120	2 Ø 26 + 4 Ø 20 + 2 Ø 12.5	400	14	54
SF210/..	2	170x155		4 Ø 26 + 4 Ø 20	600	14	54
SF310/..	3	170x210		2 Ø 26 + 6 Ø 20 + 4 Ø 12.5	800	14	54
SF410/..	4	170x265		5 Ø 26 + 5 Ø 20	900	14	54
SF610/..	6	210x300		5 Ø 26 + 5 Ø 20 + 4 Ø 12.5	1000	14	54

Technical information

CIMA FLOOR BOXES

Ground installation

Boxes



References	No. of modules	Tray plastic AxB	Depth X	Pre-punched hole No.	Load maximum	Adjustment Z Mín.	Adjustment Z Max.
SF170/..	1	220x172.2	Adjustable from 76 to 100	2 Ø 26 + 2 Ø 20 + 2 Ø 12.5	400	14	54
SF270/..	2	220x172.2		4 Ø 26 + 4 Ø 20	600	14	54
SF370/..	3	220x227		2 Ø 26 + 2 Ø 20 8 + 8 Ø 12.5	800	14	54
SF470/..	4	220x286.5		4 Ø 26 + 4 Ø 20 + 4 Ø 12.5	900	14	54
12 at Ø14	6	239x312		4 Ø 26 + 4 Ø 20 + 8 Ø 12.5	1000	14	54

Box opening

1 Module



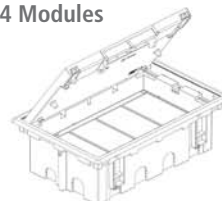
2 Modules



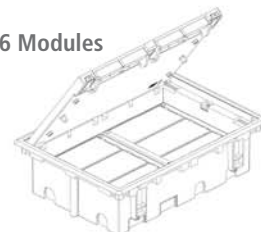
3 Modules



4 Modules



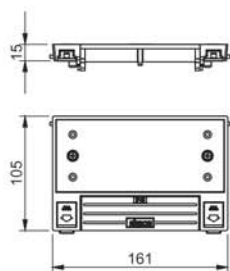
6 Modules



Spare parts

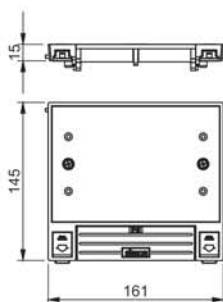
1 Module

Ref. RSF001/..



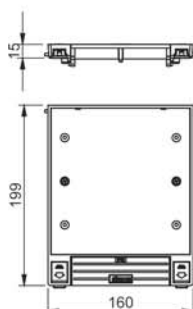
2 Modules

Ref. RSF002/..



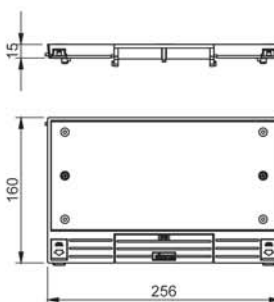
3 Modules

Ref. RSF003/..



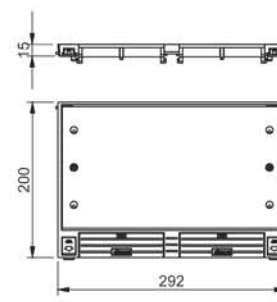
4 Modules

Ref. RSF004/..



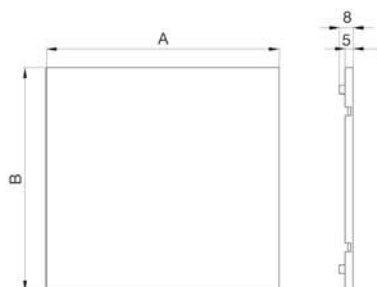
6 Modules

Ref. RSF006/..



Flush-mount cover

Dimensions for carpet or parquet trim



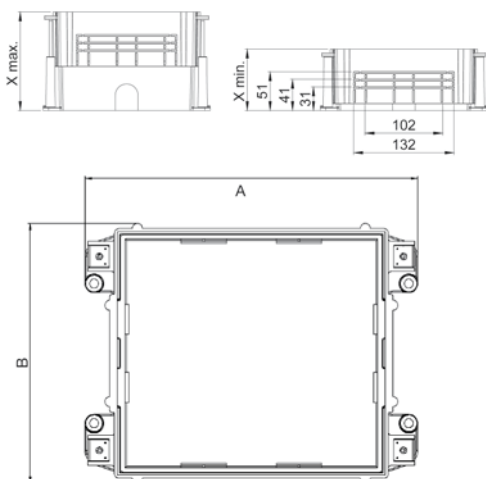
References	No. of modules	Measurements A	Measurements B
S105	1	154	66
S205	2	154	107
S305	3	154	160
S405	4	118	247
S605	6	282	156

Measurements in mm

CIMA JUNCTION BOXES

- Product designed according to the Safety Requirements of Directive 2006/95/EC (Low Voltage) through standard UNE-EN-60.670.
- CE marked product.
- The recommended temperature range during installation is: - 5°C to + 60°C.
- The maximum temperature during construction work is + 90°C.

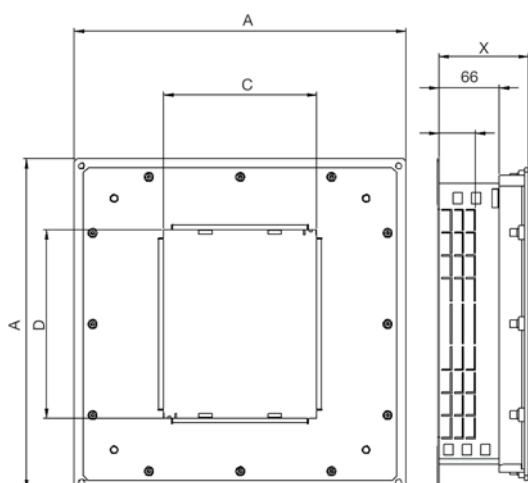
Plastic tray for paving floor



References	No. of modules	Measurements of the opening in the junction box AxB	Depth X	Pre-punched hole no. Tube inlet	Trunking inlet
G11	1	220x172.2	Adjustable from 80 to 110*	4 at Ø 30	From 100x20 to 130x40
G22	2	220x172.2		4 at Ø 30	
G33	3	220x227	Adjustable from 80 to 130*	4 at Ø 30	
G44	4	220x286.5		8 at Ø 30	
G66	6	259x312	Adjust. 80-110*	8 at Ø 30	

*Include floor trim

Metal tray for paved floor

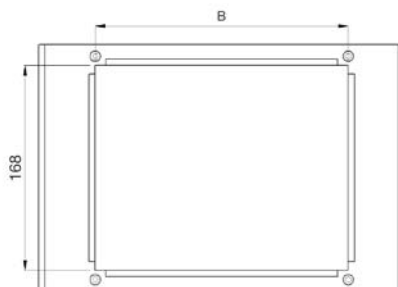


References	No. of modules	Space measurements of the junction box AxA	Measurements of the opening of the trim CxD	Depth X	Trunking inlet
G300/..	3	363x363	168x206	Adjustable from 75 to 90	From 100x30 to 270x40
G400/..	4	363x363	168x264		From 100x30 to 270x40
G600/..	6	463x463	207x300		From 100x30 to 350x40

Measurements in mm

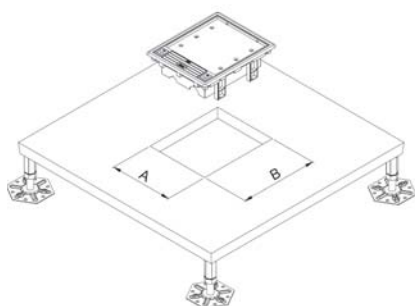
CIMA JUNCTION BOXES

Conversion plates



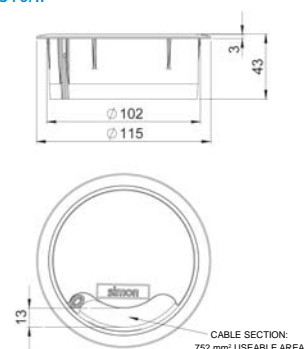
References	No. of modules	Measurements B
G630	3	207
G640	4	264

Junction box cover



References	Measurements of the opening AxB
S100/..	170x115
S200/..	170x155
S300/..	170x210
S400/..	170x265
S600/..	210x300

Ref. TS10/..

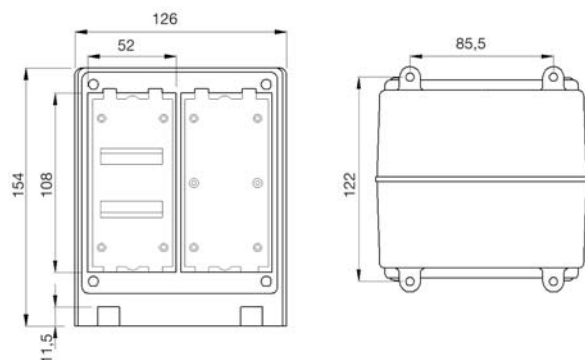


CIMA MINI-TOWERS

- Product designed according to the Safety Requirements of Directive 2006/95/EC (Low Voltage) through standard UNE-EN-50.085.
- CE marked product.
- IP protection level: 4x.

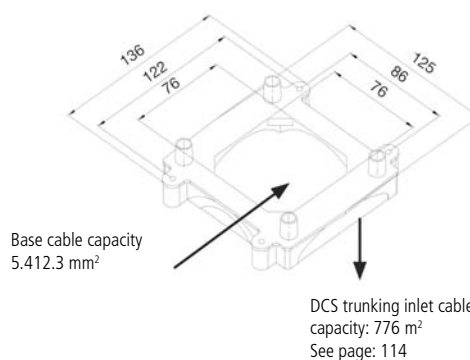
- Impact resistance level: IK08.
- The recommended temperature range during installation is: - 5° C to + 60° C.
- The maximum temperature during construction work is + 60°C.

Ref. ST400/9



Base

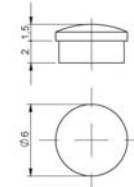
Ref. ST450/9



Base with pre-punched hole prepared for DCS 85x18-mm floor trunking

Spare parts

Ref. RSM002/9

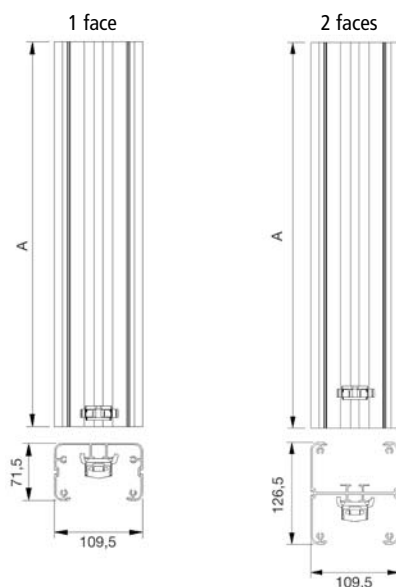


CIMA MINI-COLUMNS AND COLUMNS

- Product designed according to the Safety Requirements of Directive 2006/95/EC (Low Voltage) through standard UNE-EN-50.085.
- CE marked product.
- IP protection level: 4x.

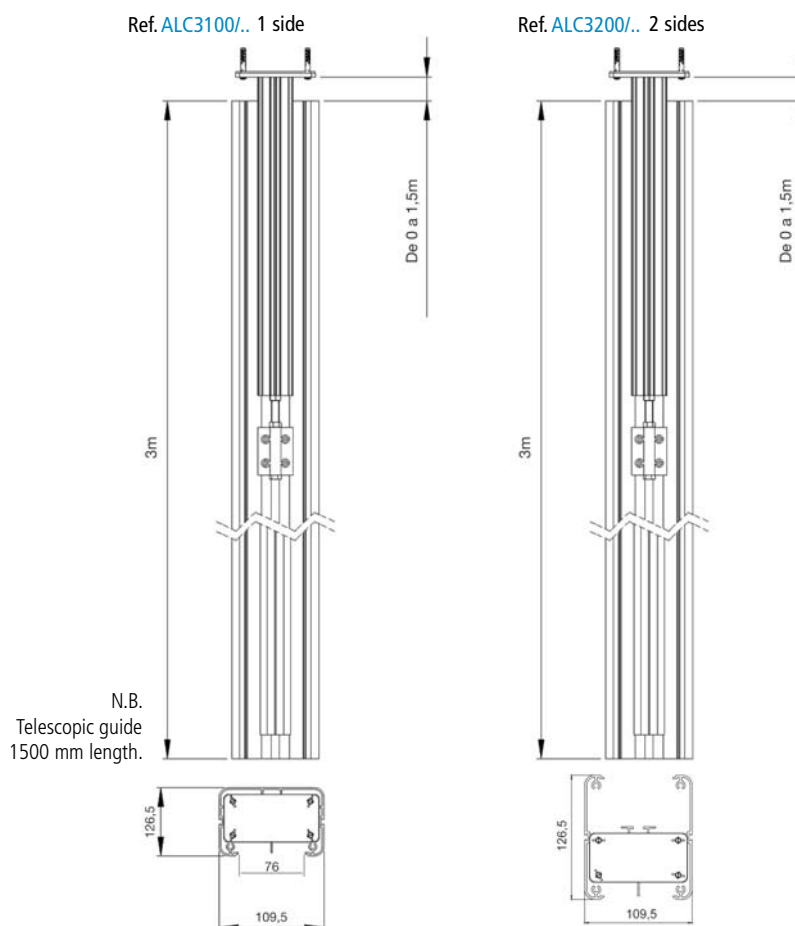
- The recommended temperature range during installation is: -25° to + 120°C.
- The maximum temperature during construction work is + 120°C.
- Manufactured in Anodised Aluminium/Painted.

Mini-columns



	References	No. of modules	Dimensions A
1 face	ALC312/..	2	316
	ALC313/..	3	451
	ALC314/..	4	581
	ALC315/..	5	721
2 faces	ALC322/..	4	316
	ALC323/..	6	451
	ALC324/..	8	581
	ALC325/..	10	721

Columns



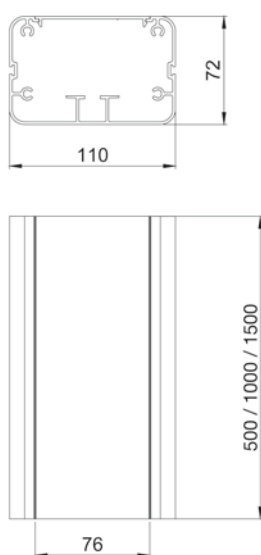
Measurements in mm

Technical information

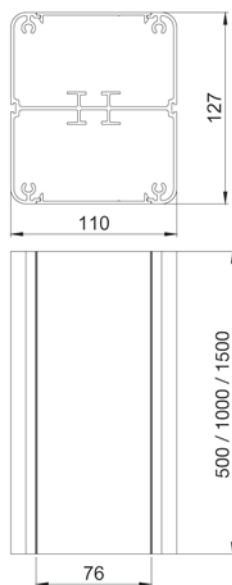
CIMA MINI-COLUMNS AND COLUMNS

Column Extensions

Ref. [AL31Pxx/..](#)

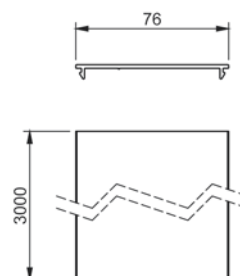


Ref. [AL32Pxx/..](#)



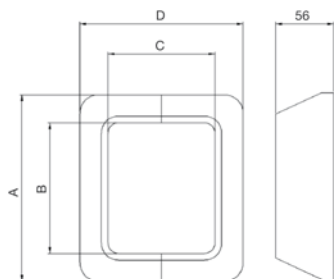
Column spare parts

Ref. [RALC001 /8 /14](#)



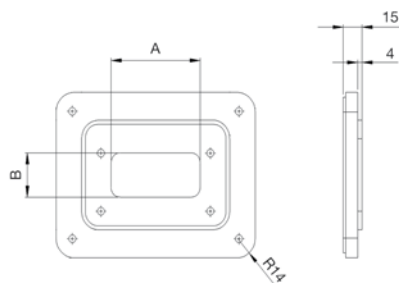
CIMA MINI-COLUMNS AND COLUMNS - SPARE PARTS

Trim



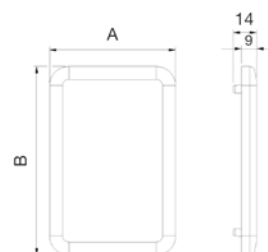
	References	Measurement A	Measurement B	Measurement C	Measurement D
1 face	AL1115/..	164.5	110	70.7	125
2 faces	AL2115/..	181	126.5	109	165

Bases



	References	Measurement A	Measurement B
1 face	AL1110	70	32
2 faces	AL2110	70	79

Top cover



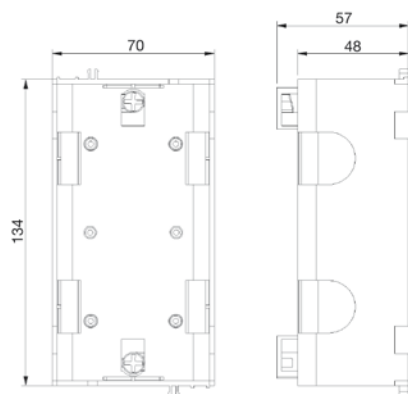
	References	Dimensions AxB
1 face	AL3105/..	75.6x113
2 faces	AL3205/..	112.8x130.8

Measurements in mm

INSTALLATION OF MECHANISMS IN CIMA MINI-COLUMNS AND COLUMNS

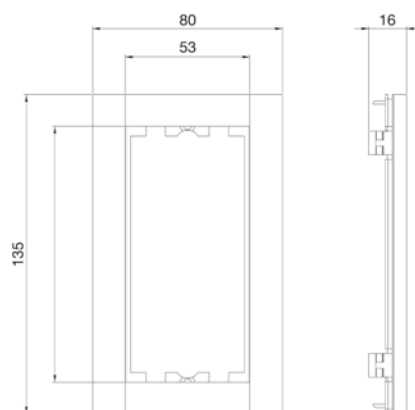
Mechanism box

Ref. [SAL150](#)



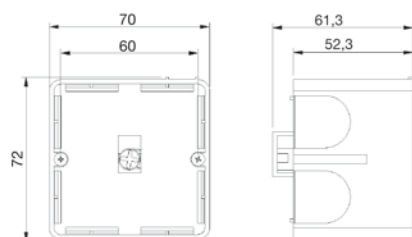
Inner frame and trim cover

Ref. [SAL100/...](#)



Universal box

Ref. [AL50](#)



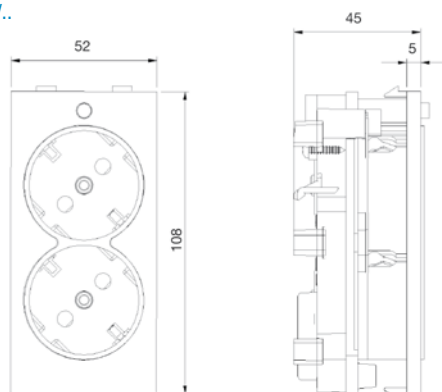
Measurements in mm

CIMA ELECTRICAL SOCKETS

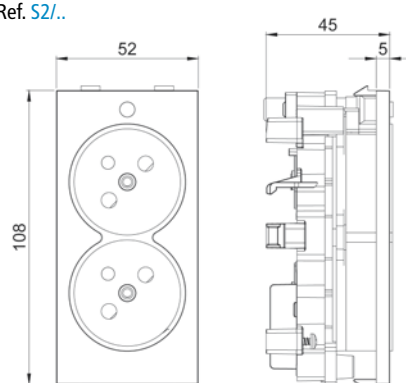
- Product designed according to standard UNE-20.315 (Schuko sockets) or NF C 61-303 (French sockets).
- Electrical specification: 16A/250V.
- IP protection level: 20.

Spare parts

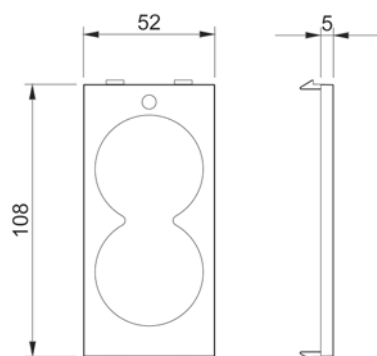
Ref. [S1/..](#)



Ref. [S2/..](#)



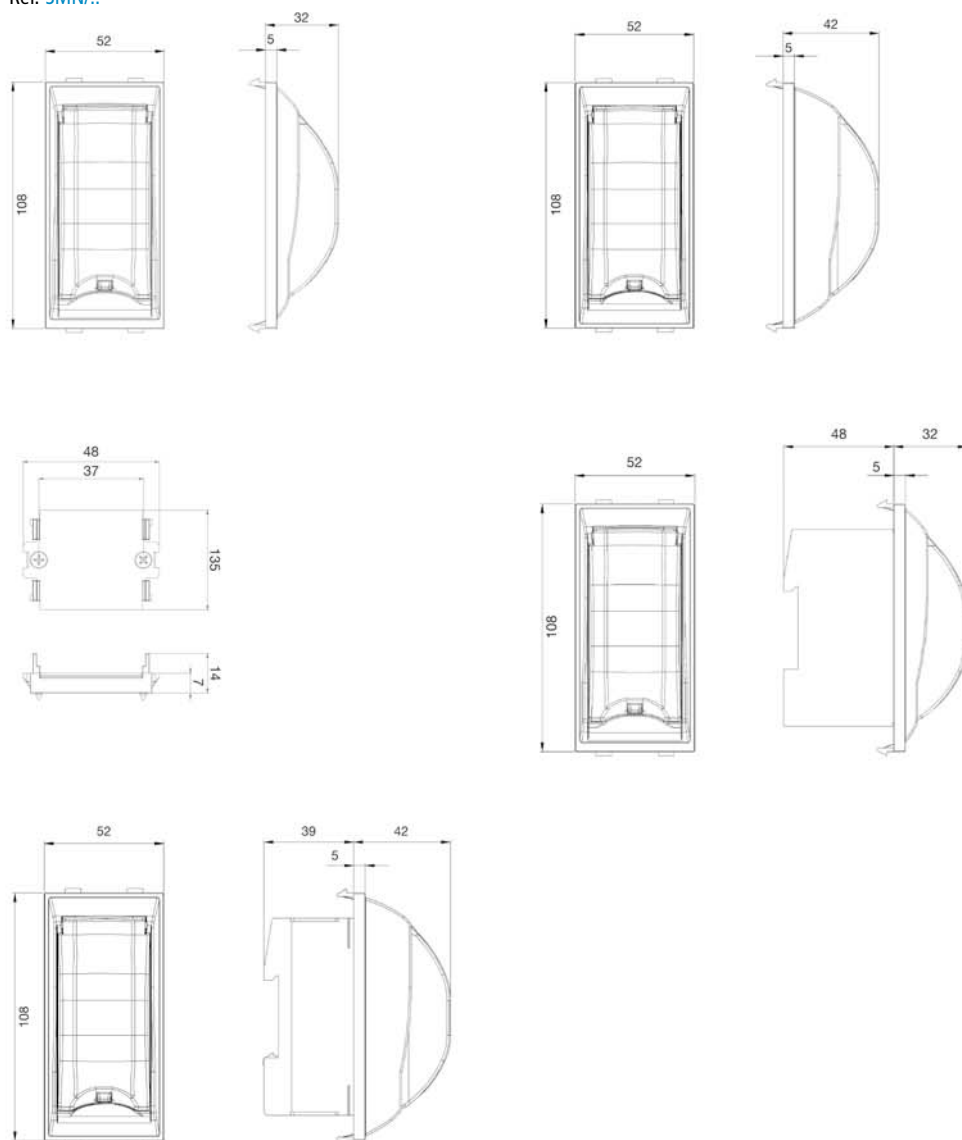
Ref. [RS01/..](#)



Measurements in mm

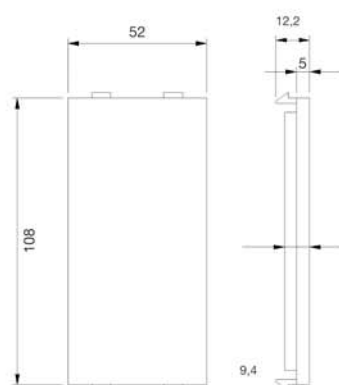
CIMA PLATES FOR AUTOMATIC CIRCUIT-BREAKERS

Ref. [SMN/..](#)



CIMA BLIND PLATE

Ref. [S17/..](#)

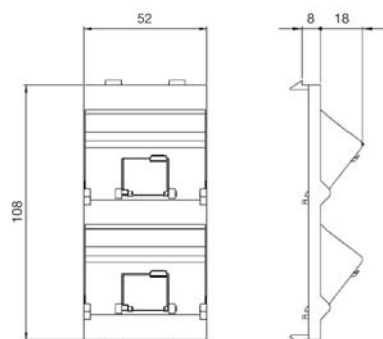


Measurements in mm

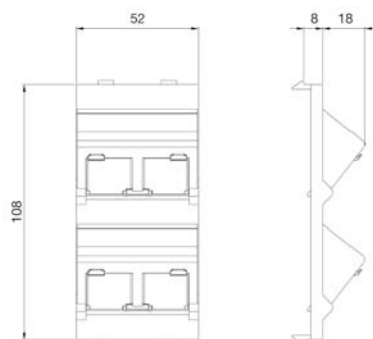
CIMA VOICE AND DATA PLATES

Angled plates

Ref. [S80B/..](#)

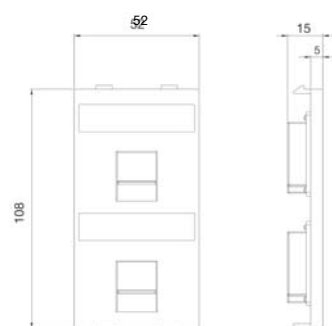


Ref. [S80C/..](#)

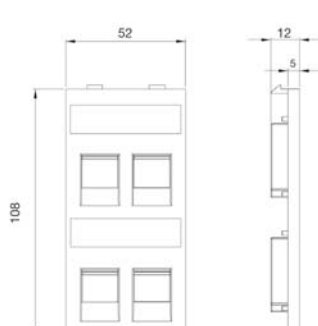


Flat plates

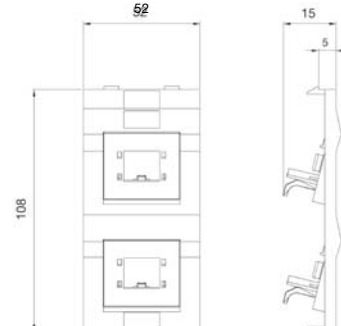
Ref. [SxxB/..](#)



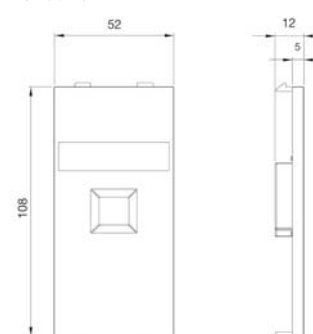
Ref. [SxxC/..](#)



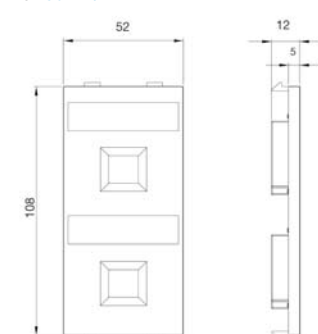
Ref. [S054/..](#)



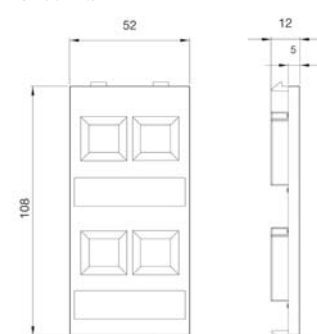
Ref. [S0xx/..](#)



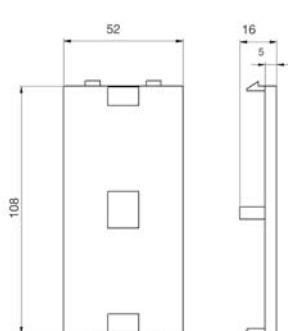
Ref. [S0xxB/..](#)



Ref. [S0xxC/..](#)

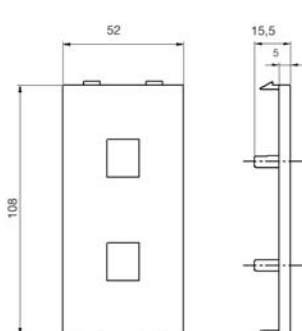


Ref. [S02/..](#)



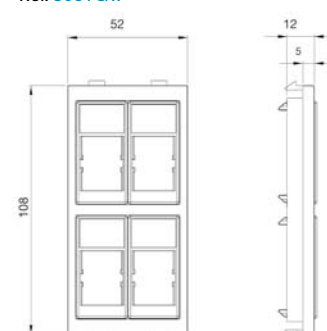
Depth with connector: 28.5

Ref. [S03/..](#)



Depth with connector: 28.5

Ref. [S081C/..](#)

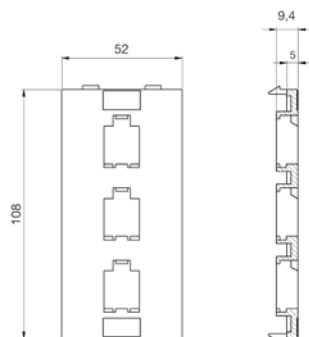


Measurements in mm

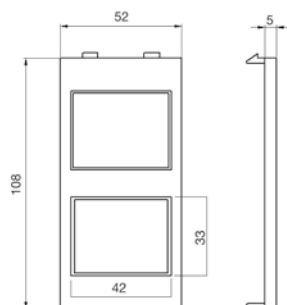
CIMA VOICE AND DATA PLATES

Flat plates

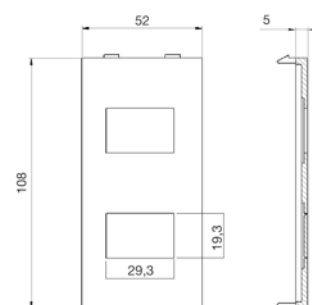
Ref. [S48/..](#)



Ref. [S51/..](#)

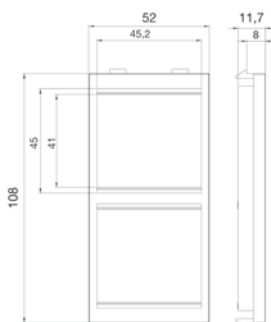


Ref. [S72/..](#)

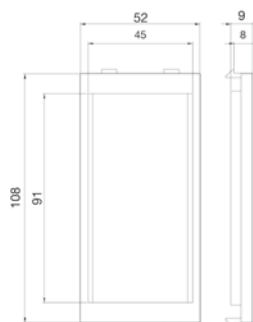


ADAPTER PLATES

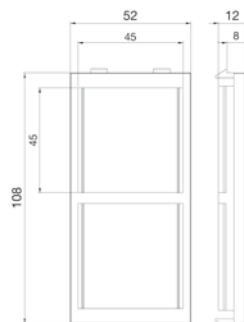
Ref. [S62/..](#)



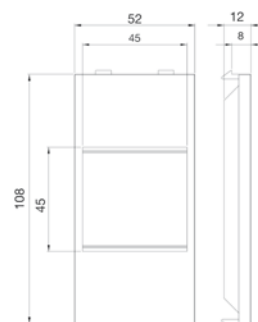
Ref. [S44/..](#)



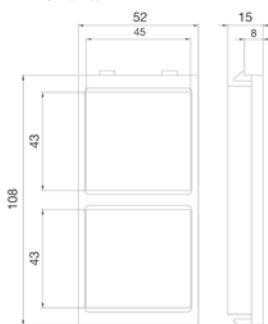
Ref. [S66/..](#)



Ref. [S74/..](#)



Ref. [S78/..](#)



Measurements in mm

Technical information

Plastic parts manufactured using thermoplastic, self-extinguishing, halogen-free materials, which prevent flames from spreading during a fire and guarantee low toxicity in the event that any smoke is released.

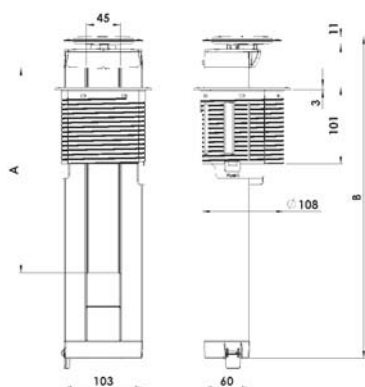


SELF-EXTINGUISHING
HALOGEN-FREE
MATERIALS

K45 TELEBLOCK

- Product designed according to the Safety Requirements of Directive 2006/95/EC (Low Voltage) through standard UNE-EN-60.670.
- CE marked product.
- IP protection level: 4x.
- The recommended temperature range during installation is: -5°C to + 60°C.
- The maximum temperature during construction work is + 60°C.
- Manufactured in Anodised Aluminium.

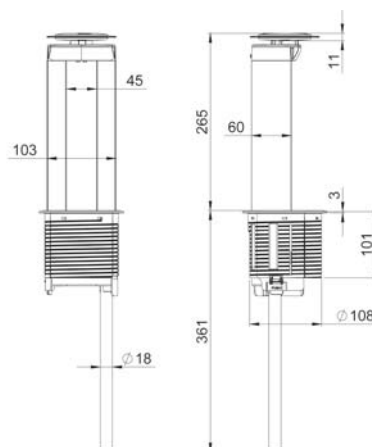
K45 TELEBLOCK manual elevation



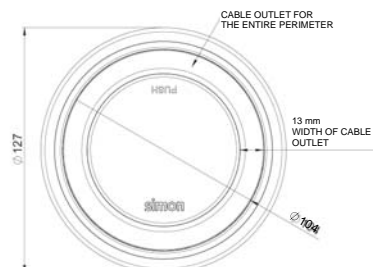
References	No. of modules K45	Dimensions		Space measurement
		A	B	
KTL202	2	89	242	Ø 114
KTL203	3	135	287	Ø 114
KTL204	4	180	332	Ø 114
KTL205	5	225	377	Ø 114
KTL206	6	269	422	Ø 114

K45 TELEBLOCK automatic elevation

Ref. KTL205



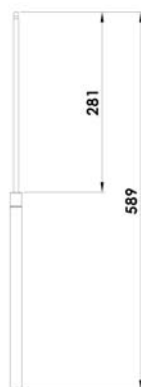
Ref. KTLA1/..



Spare parts

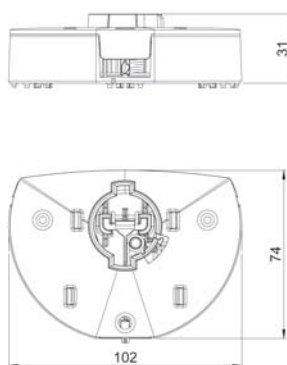
Ref. KTLA2

Gas cylinder for automatic TELEBLOCK elevation

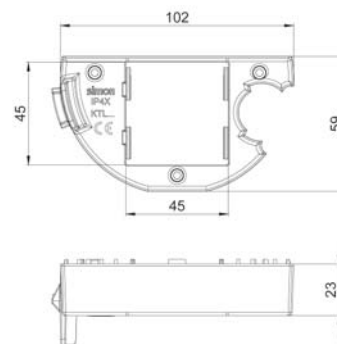


Technical data of gas cylinder:
Ø 18 – 8 mm
Piston stroke: 271 mm
Locking force: 50 N
Temperature range: -30° C – 80° C

Ref. KTLA5



Ref. KTLA6

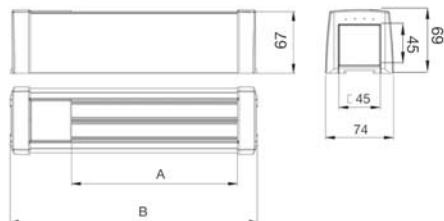


K45 OFIBLOCK PLUS

- Product designed according to the Safety Requirements of Directive 2006/95/EC (Low Voltage) through standard UNE-EN-60.670.
- CE marked product.
- IP protection level: 4x.

- The recommended temperature range during installation is: - 5°C to + 60°C.
- The maximum temperature during construction work is + 60°C.
- Manufactured in Anodised Aluminium.

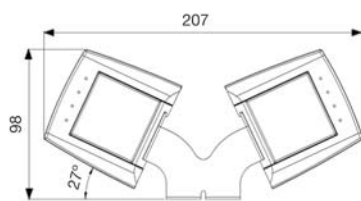
OFIBLOCK PLUS



References	No. of K45 modules	Dimensions	
		A	B
KFP103/..	3	135	220
KFP104/..	4	180	265
KFP105/..	5	225	310
KFP106/..	6	270	355
KFP107/..	7	315	400
KFP108/..	8	360	446

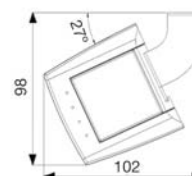
Support on raised floor (tandem configuration)

Ref. KSF2



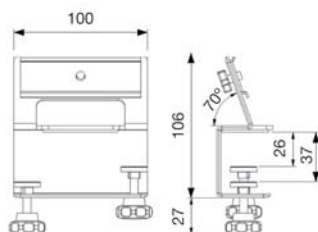
Single support under desk

Ref. KSF1



Desktop support

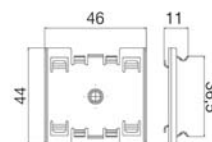
Ref. KSF3



Quick connection and cable outlet plate
information on page xxx

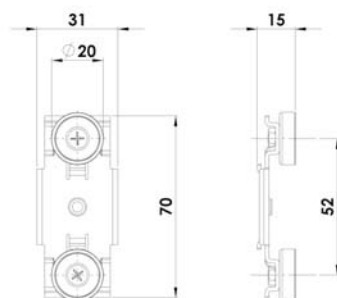
Fastening on DIN guide

Ref. KSF5



Support with magnet

Ref. KSF6



Ø	Height	Weight	Force
20 mm	6 mm	12.5 gr	9 kg

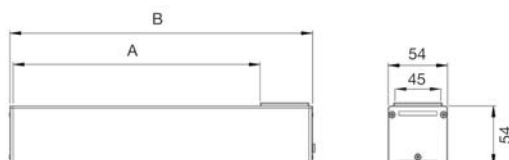
Type of magnet: Neodymium

K45 OFIBLOCK COMPACT

- Product designed according to the Safety Requirements of Directive 2006/95/EC (Low Voltage) through standard UNE-EN-60.670.
- CE marked product.
- IP protection level: 4x.

- The recommended temperature range during installation is: - 5°C to + 60°C.
- The maximum temperature during construction work is + 60°C.
- Manufactured in Anodised Aluminium.

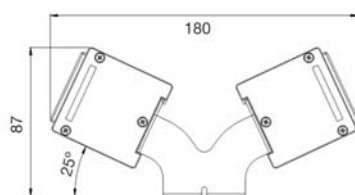
OFIBLOCK COMPACT



References	No. of K45 modules	Dimensions	
		A	B
KFC102/..	2	90	135
KFC103/..	3	135	180
KFC104/..	4	180	225
KFC105/..	5	225	270
KFC106/..	6	270	315
KFC107/..	7	315	360
KFC108/..	8	360	405
KFC109/..	9	405	450
KFC110/..	10	450	495

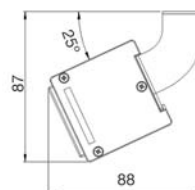
Support on raised floor (tandem configuration)

Ref. KSF2



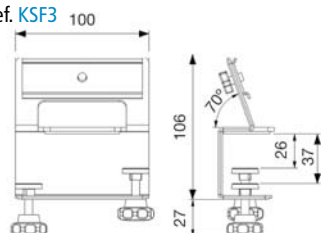
Single support under desk

Ref. KSF1



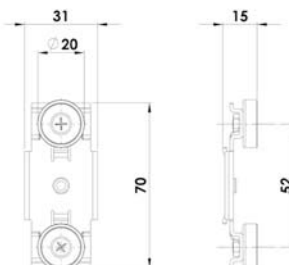
Desktop support

Ref. KSF3



Support with magnet

Ref. KSF6

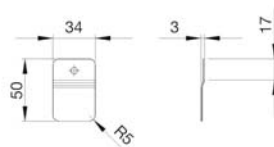


Ø	Height	Weight	Force
20 mm	6 mm	12.5 gr	9 kg

Type of magnet: Neodymium

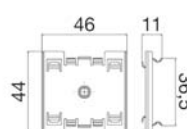
Wall mounting support

Ref. KSF4



Fastening on DIN guide

Ref. KSF5



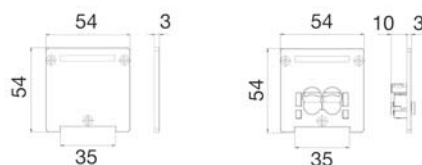
Modular side input covers

Ref. ACFC01/24

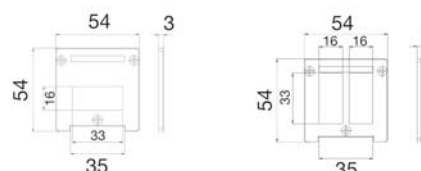
Ref. ACFC02/24

Ref. ACFC03/24

Ref. ACFC04/24

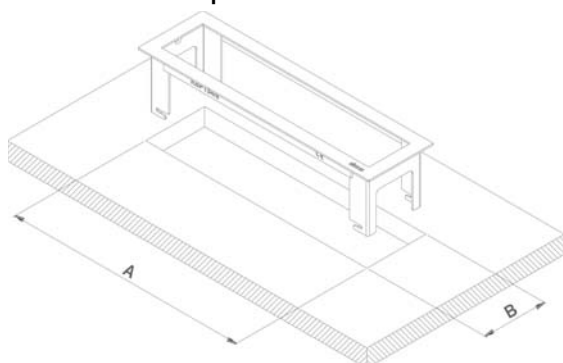


Cable cross-section.
Maximum of Ø 8 mm/
Minimum of Ø 3.5 mm

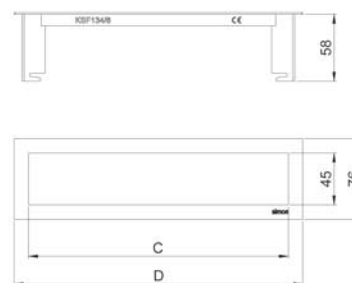


K45 OFIBLOCK LINE

K45 Ofiblock LINE Space

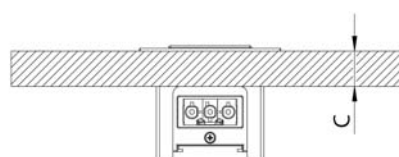
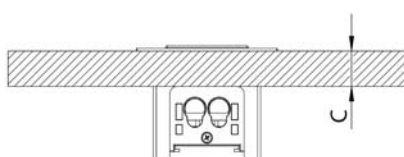


Ofiblock Line K45



References	No. of K45 modules	Dimensions		Dimensions	
		A	B	C	D
KSF134/8	4	240	64	225	256
KSF136/8	6	330	64	315	346

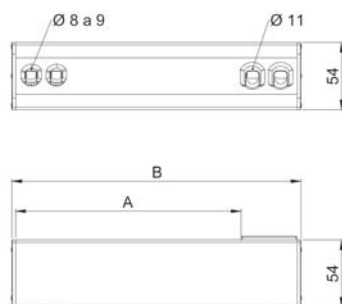
Furniture installation



	Max. thickness of furniture C	Min. thickness of furniture C
Assembled with cable retainer side plate	24	10
Assembled with 1 quick connector	20	

For furniture of more than 24 mm only fit with OFIBLOCK LINE K45, rear cable inlets.

K45 Ofiblock (rear inlet)



References	No. of K45 modules	Dimensions	
		A	B
KFC134/14	4	180	225
KFC136/14	6	270	315

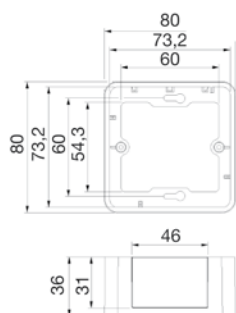
K45 SURFACE AND FLUSH-MOUNT BOXES

- Product designed according to the Safety Requirements of Directive 2006/95/EC (Low Voltage) through standard UNE-60670.
- CE marked product.
- IP protection level: 4x.

- The recommended temperature range during installation is: - 5°C to + 60°C.
- The maximum temperature during construction work is + 60° C (surface)/+ 90° C (flush-mount).

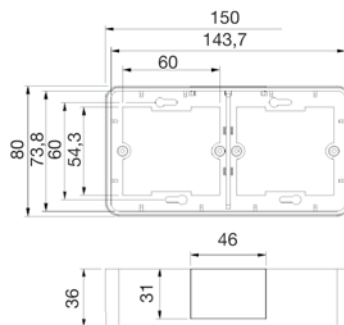
Indiv. Box Surface

Ref. [R250/..](#)



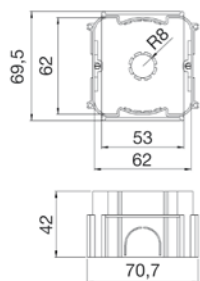
Double surface box

Ref. [R450/..](#)



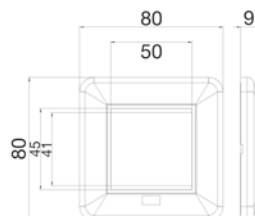
Universal flush-mount box

Ref. [MR200](#)



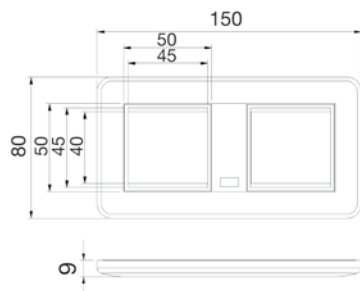
Individual frame and centre frame

Ref. [KR245/..](#)



Double frame and centre frame

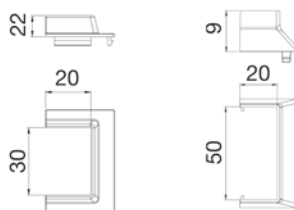
Ref. [KR445/..](#)



Access to Mini-trunking

Ref. [SCM21F/9](#)

Ref. [SCM31F/9](#)



K45 IP 66 WATERTIGHT FLOOR BOXES

- Product designed according the Safety Requirements of Directive 2006/95/EC (Low Voltage) through compliance with harmonised standard UNE-EN-60.670.
- CE marked product.

- The recommended temperature range during installation is: -25°C to + 60°C.
- The maximum temperature during construction work is + 90°C.

CLOSED BOX

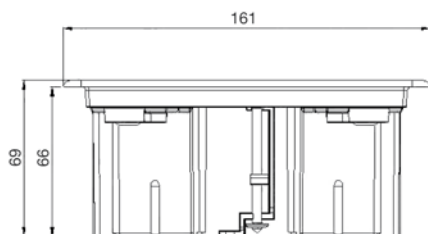
- IP66 protection level.
- Impact protection level IK07 (with IP66).
- Maximum load per unit of area: 12 kg/cm².
- Total maximum load: 1000 Kg.

OPEN BOX

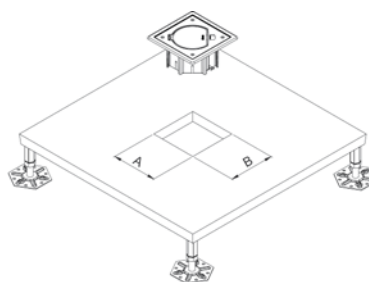
- IP20 protection level .
- Impact protection level IK0.
- Maximum load per unit of area: 4 kg/cm².
- Total maximum load: 100 Kg.

Raised floor tray

Ref. [KGE170TF/23](#)



Raised floor installation

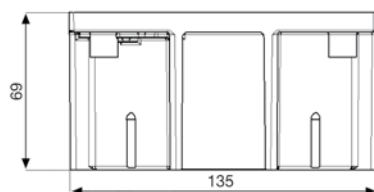


Dimensions
AxB

145X145

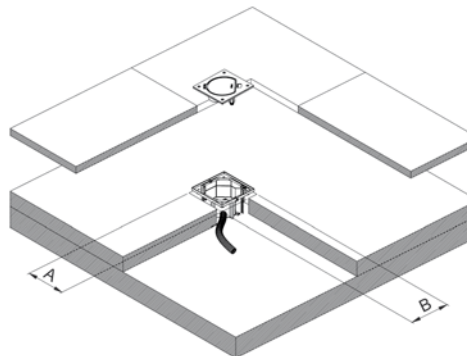
Paved Floor Tray

Ref. [KGE170/23](#)



Safety lock: Allen key 6mm.

Paved floor installation

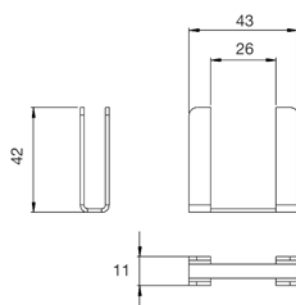


Dimensions
AxB

135X135

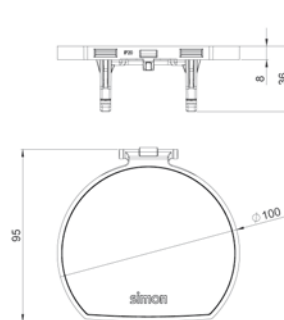
Connecting accessory

Ref. [ACSE](#)

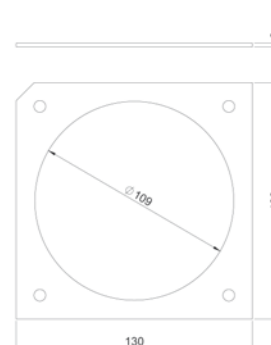


Spare parts

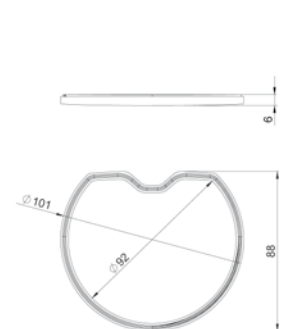
Ref. [RKS001/..](#)



Ref. [RKS003](#)



Ref. [RKS004](#)

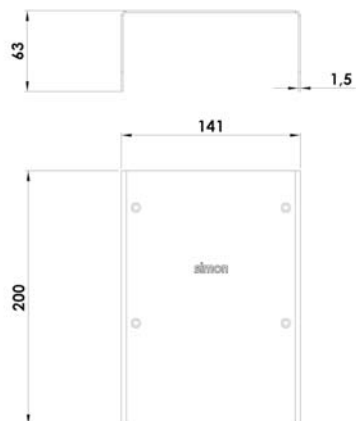


K45 ANTI-VANDALISM MINI-TOWERS

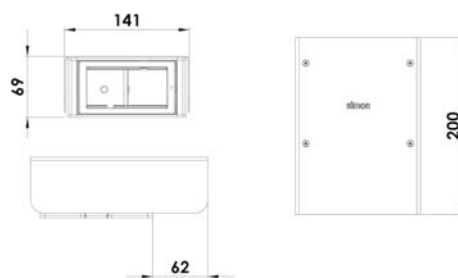
- Product designed according the Safety Requirements of Directive 2006/95/EC (Low Voltage) through compliance with harmonised standard UNE-EN-50.085.
- CE marked product.
- Manufactured in anodised aluminium and stainless steel.
- IP protection level: 4x.
- The recommended temperature range during installation is: - 25°C to + 120°C.
- The maximum temperature during construction work is + 120°C.

Mini-tower with protective sheath

Ref. [KTA401/8](#)

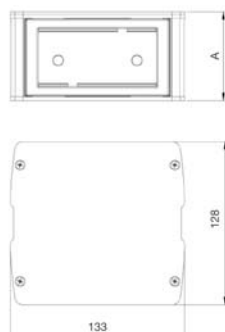


Ref. [KT401/8](#)



Mini-towers

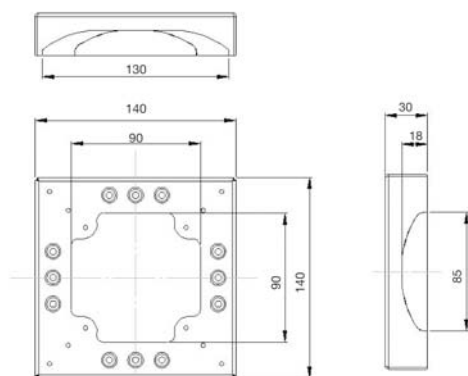
Ref. [KTXXX/8](#)



References	K45 mechanisms	Height A	Impact resistance
KT400/8	2	70	IK10
KT800/8	4	130	IK10
KT1200/8	6	190	IK08

Base

Ref. [KTA804/8](#)

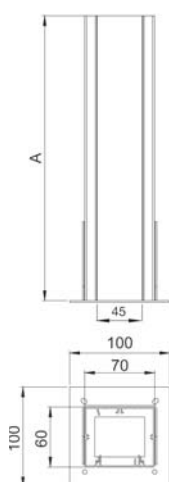


K45 MINI-COLUMNS AND COLUMNS

- Product designed according to the Safety Requirements of Directive 2006/95/EC (Low Voltage) through standard UNE-EN-50.085.
- CE marked product.
- IP protection level: 4x.
- The recommended temperature range during installation is: - 25°C to + 120°C.
- The maximum temperature during construction work is + 120°C.
- Manufactured in Anodised Aluminium/Painted.

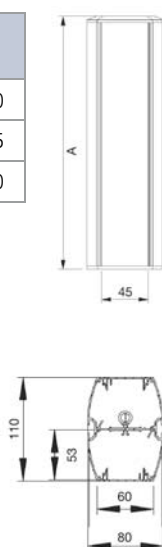
Mini-columns

Ref. **ALK1XX/8**
1 Side



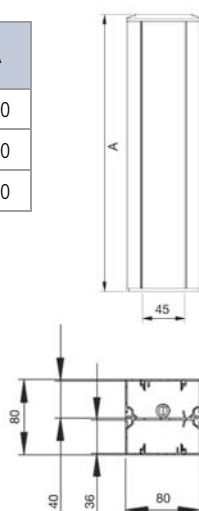
No. Mech.	A
5	270
6	315
7	360

Ref. **ALK7XX/8**
2 Sides oval



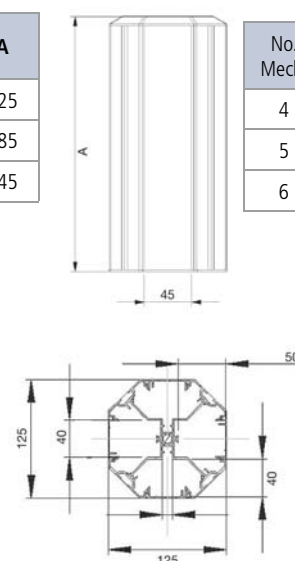
No. Mech.	A
4	210
5	260
6	310

Ref. **ALK2XX/8**
2 Sides square



No. Mech.	A
4	225
5	285
7	345

Ref. **ALK5XX/8**
4 Sides

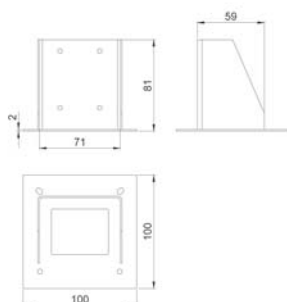


No. Mech.	A
4	210
5	260
6	310

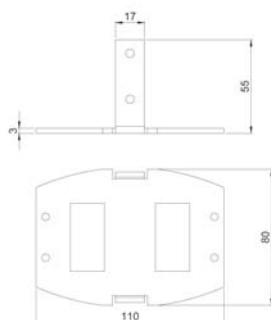
Spare Parts Mini-columns

Invisible fixed foot

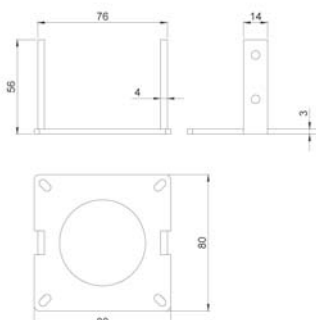
Ref. **RALK005/8**



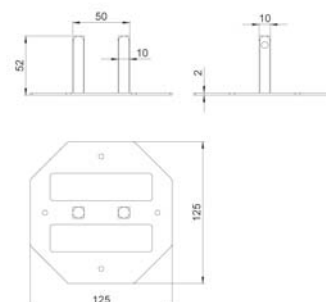
Ref. **RALK006/8**



Ref. **RALK007/8**

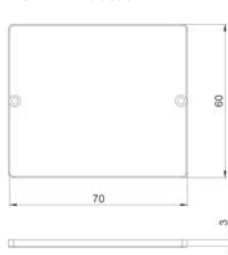


Ref. **RALK008/8**

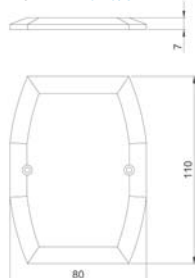


End cover

Ref. **RALK009/8**



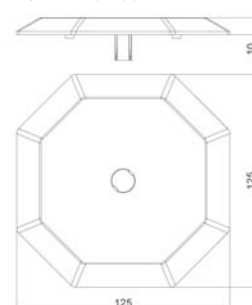
Ref. **RALK010/8**



Ref. **RALK011/8**



Ref. **RALK012/8**



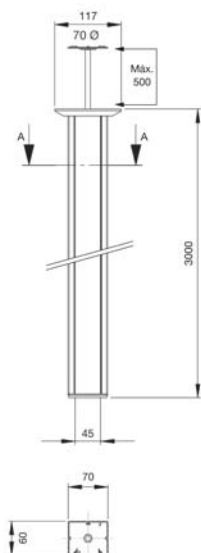
Measurements in mm

K45 MINI-COLUMNS AND COLUMNS

Columns

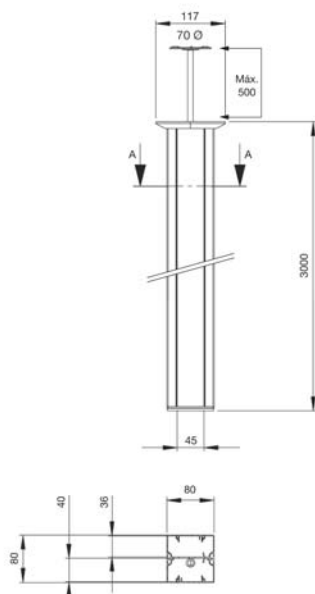
Ref. [ALK1100/8](#)

1 Side



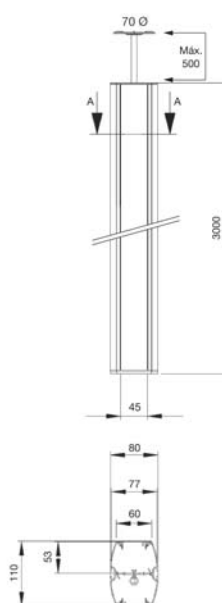
Ref. [AL2200/8](#)

2 Sides square



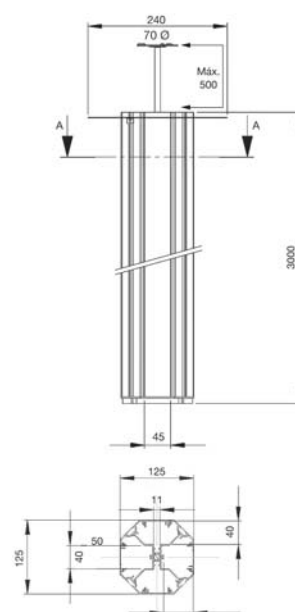
Ref. [ALK7200/8](#)

2 Sides oval



Ref. [ALK5400/8](#)

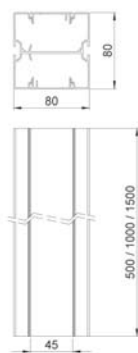
4 Sides



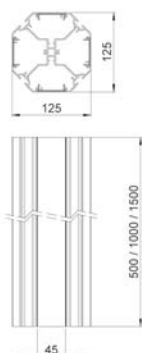
N.B.
500 mm telescopic guide, maximum length

Column Extensions

Ref. [ALK22PXX/8](#)



Ref. [ALK54PXX/8](#)



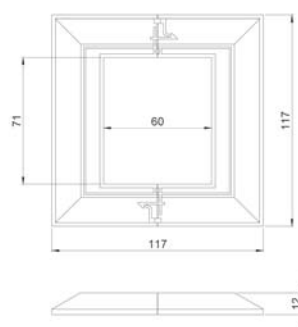
Ref. [ALK72PXX/8](#)



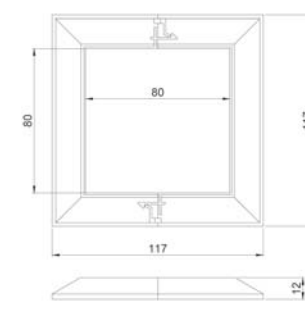
Column spare parts

Ring trim

Ref. [RALK001/8](#)

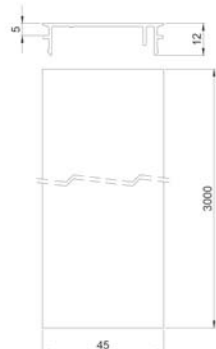


Ref. [RALK002/8](#)

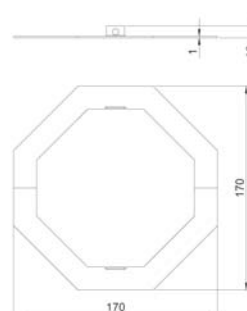
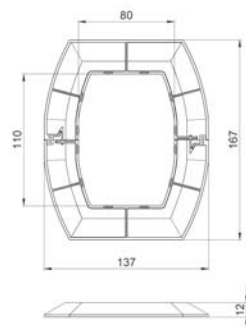
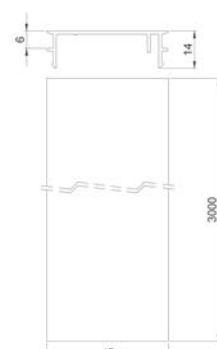


Front cover

Ref. [RALK013/8](#)



Ref. [RALK014/8](#)



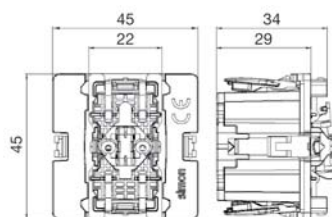
Measurements in mm

SINGLE POLE, 16A SWITCHING MECHANISMS

- Product designed according to the Safety Requirements of Directive 2006/5/EC (Low Voltage) through standard UNE-EN-60669.
- CE marked product.
- Electrical specifications: 16AX / 250V~.

Mechanisms

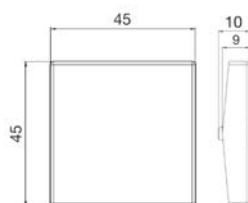
Ref. [K301](#) Ref. [K302](#) Ref. [K303](#) Ref. [K304](#)



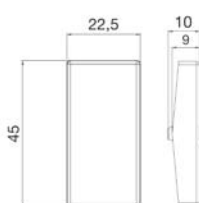
Connection schematics			
Ref. K301	Ref. K302	Ref. K303	Ref. K304

Buttons

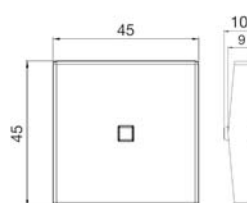
Ref. [K110/..](#)



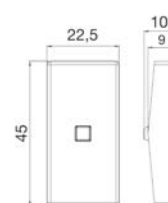
Ref. [K109/..](#)



Ref. [K112/..](#) Ref. [K114/..](#)



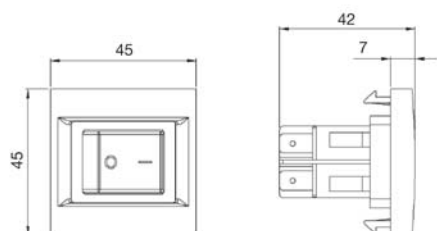
Ref. [K113/..](#) Ref. [K115/..](#)



16A BIPOLAR SWITCHES

- Product designed according to the Safety Requirements of Directive 2006/5/EC (Low Voltage) through standard UNE-EN-60669.
- CE marked product.
- Electrical specifications: 16AX / 250V~.

Ref. [K125A/..](#) Ref. [KL04/..](#)

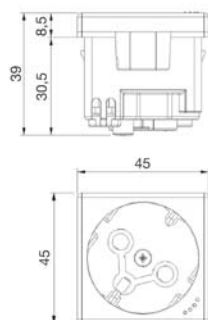


Connection schematics	
Ref. K125A	Ref. KL04

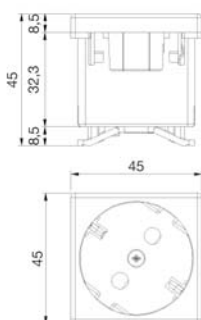
K45 ELECTRICAL SOCKETS

- Product designed according to Spanish standard UNE-20.315 (Schuko sockets) or NF C 61-303 (French sockets).
- Electrical specification: 16A / 250V~.
- IP protection level: 20.

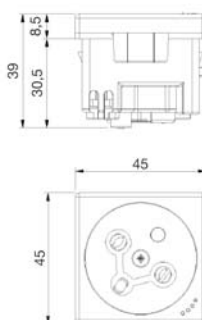
Ref. K02/.. - K01/.. - KL02/.. - KL01/..



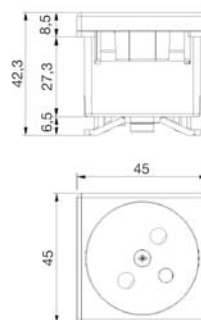
Ref. K11/.. - KS11/..



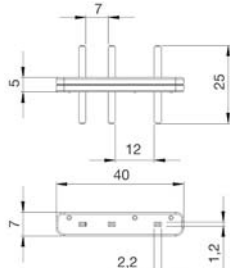
Ref. KLS02/.. - KLS01/..



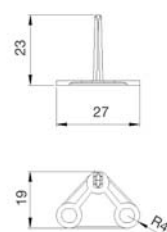
Ref. K22/.. - KS22/..



Ref. AC11

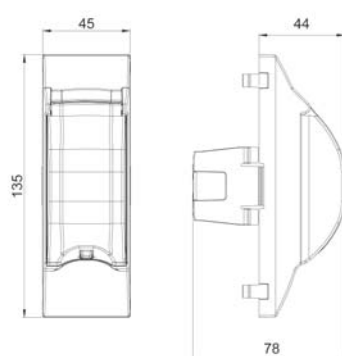


Ref. AC33

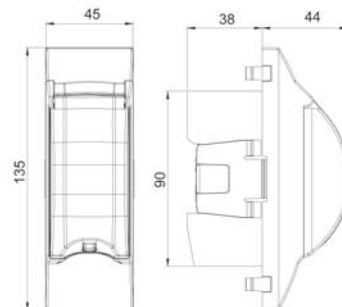


K45 PROTECTION ELEMENTS

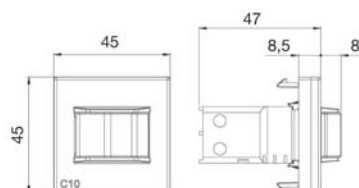
Ref. KF03/..



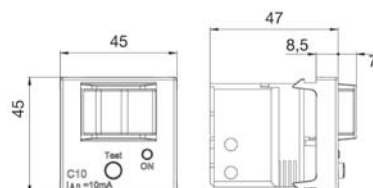
Ref. KF04x/..



Ref. K106A/..



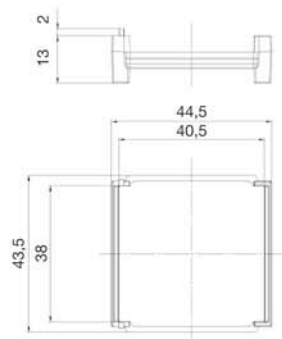
Ref. K107A/..



K45 VOICE AND DATA PLATES

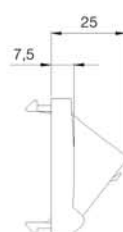
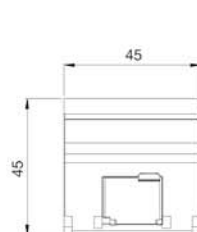
Positioner 90°

Ref. **K66**

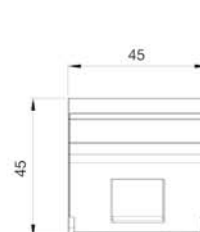


Angled plates

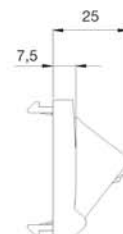
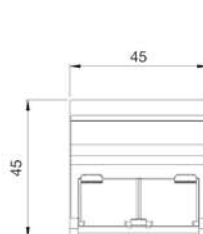
Ref. **K80XX/..**



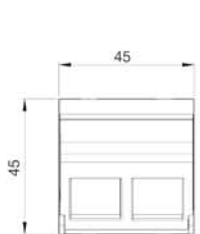
Ref. **K080XX/..**



Ref. **KB80XX/..**

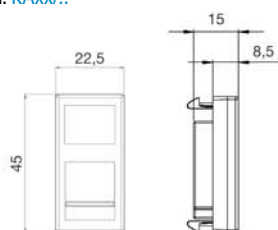


Ref. **KB080XX/..**

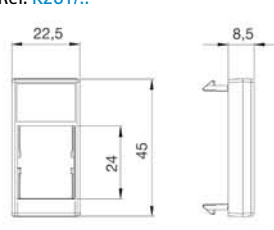


Flat plates

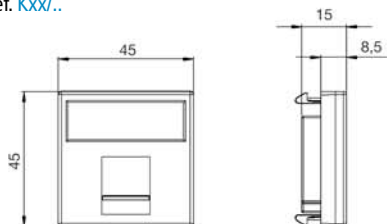
Ref. **KAXx/..**



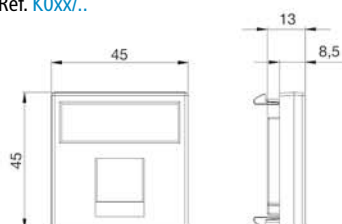
Ref. **K281/..**



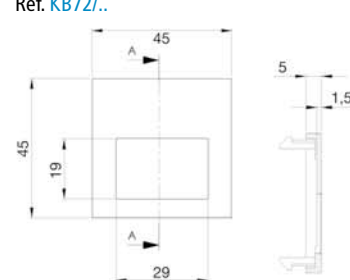
Ref. **Kxx/..**



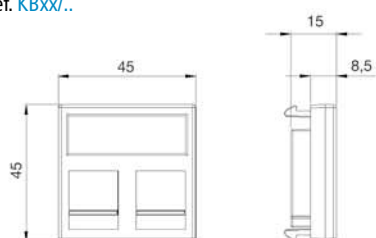
Ref. **K0xx/..**



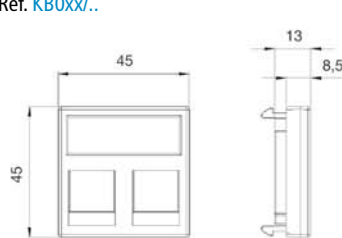
Ref. **KB72/..**



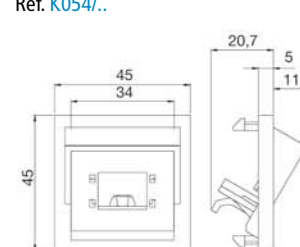
Ref. **KBxx/..**



Ref. **KB0xx/..**



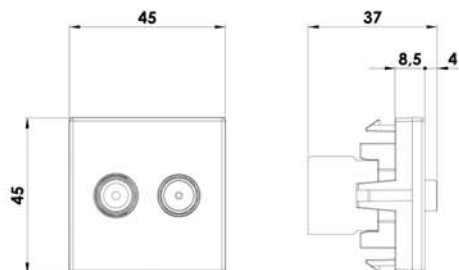
Ref. **K054/..**



Measurements in mm

K45 TV AND SAT PLATES

Ref. [K130A/..](#)



Single 5-2400 MHz direct TV-SAT socket, made up of:


- One IEC male TV connector, \varnothing 9.5 mm
- One type-F female SAT connector

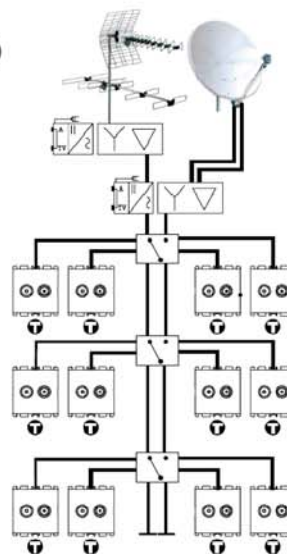
Technical specifications:

- Tapping attenuation = 2 dB
- Maximum through current = 24 V, 500 mA (*)
- Accepted cable diameter = $4 \div 7$ mm
- Operating temperature range = $10 \div 55$ °C
- According to general standard EN 50083-4
- Male connector according to IEC 61169-2
- Female connector according to IEC 61169-24

(*) Direct current and control signals (max. 24 V 500 mA) are only allowed through the F female connector

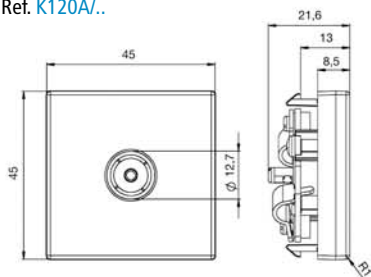
Example of TV-SAT installation on one branch

Single socket 

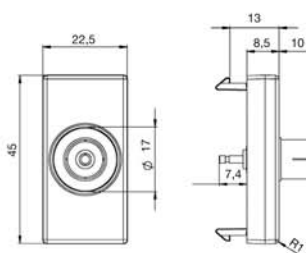


Insertion loss		Tapping loss	
TV	SAT	TV	SAT
47÷862 MHz	950÷2400 MHz	47÷862 MHz	950÷2400 MHz
-	-	= 2	= 2

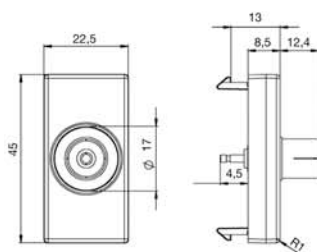
Ref. [K120A/..](#)



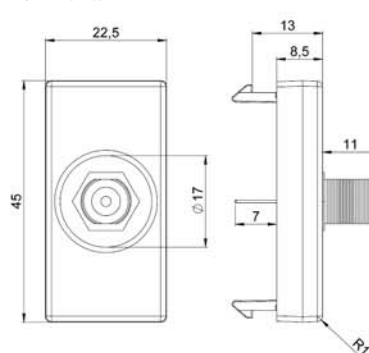
Ref. [K120B/..](#)



Ref. [K120C/..](#)



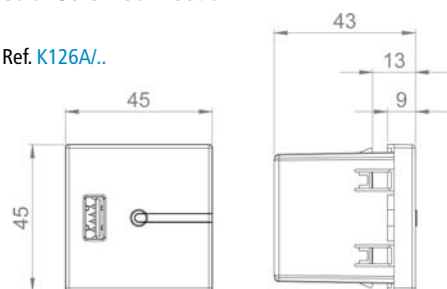
Ref. [K102C/..](#)



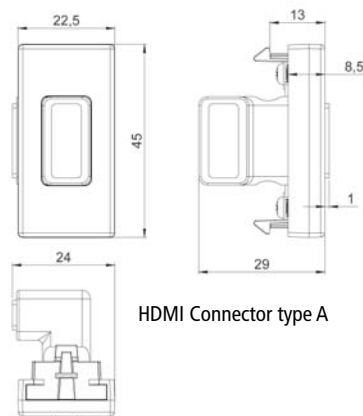
K45 MULTIMEDIA PLATES

Multimedia. Screw connection

Ref. K126A/..

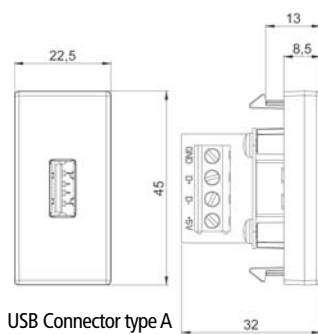


Input: V = 230 VAC \pm 20% 47 \div 63 Hz
Output: V = 5 VDC \pm 10% I = 2 A
External DC connection: 1 USB-A female port

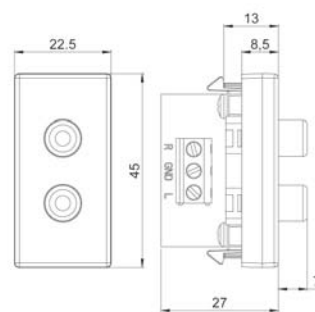
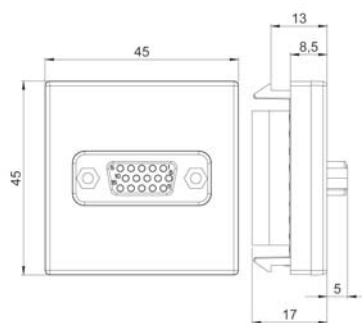


HDMI Connector type A

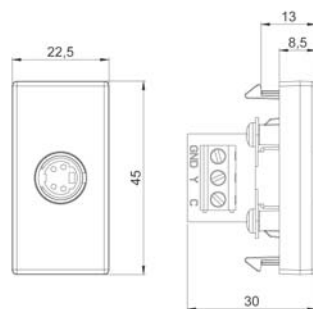
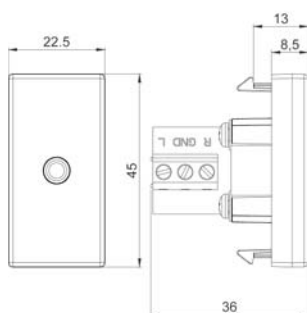
Ref. K100B/..



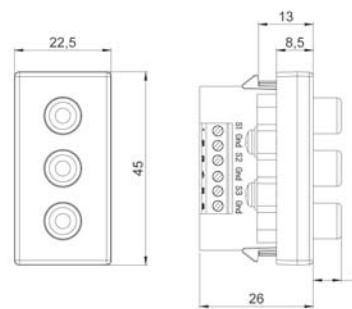
USB Connector type A



Ref. K103B/..



Ref. K105B/..

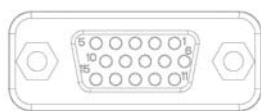
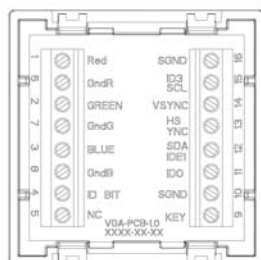


Technical information

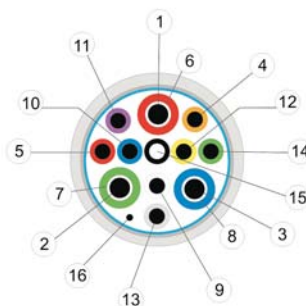
K45 MULTIMEDIA PLATES

Multimedia connectors supplementary information. Screw connection

VGA Ref. [K100B/..](#)

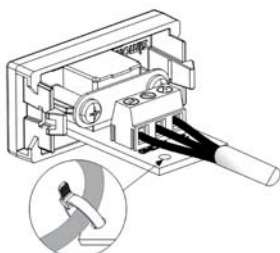
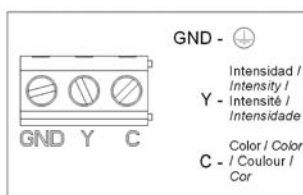


Pin N	Plate engraving	Description
1	Red	Red Coax
2	Green	Green Coax
3	Blue	Blue Coax
4	IDB2	ID Bit 2
5	Gnd	Gnd (HSYNC)
6	GndR	Gnd Red
7	GndG	Gnd Green
8	GndB	Gnd Blue
9	Key	Key (N/C)
10	SGnd	Gnd (VSYNC)
11	IDB0	ID Bit 0 (Gnd)
12	IDB1	ID Bit 1 (SDA)
13	HSYNC	HSYNC
14	VSYNC	VSYNC
15	IDB3	ID Bit 3 (SCL)
16	SGnd	⊕

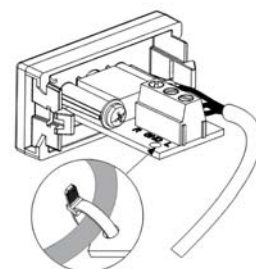


Supplementary information

SVIDEO Ref. [K103B/..](#)

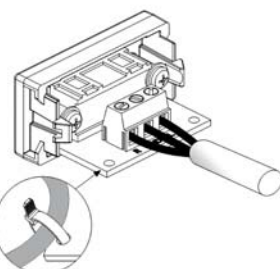


MINI JACK Ref. [K123B/..](#)

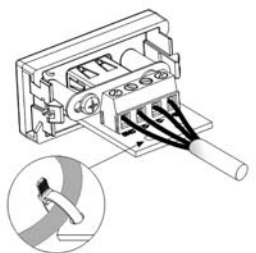
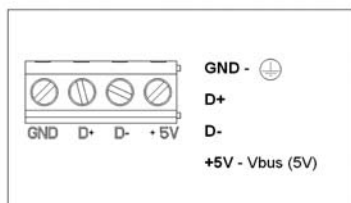


RCA

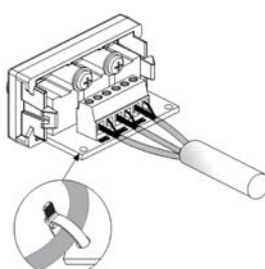
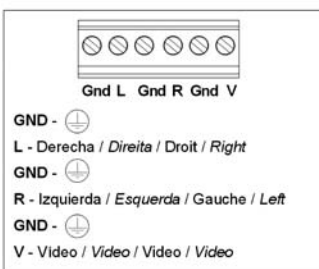
2 RCA Ref. [K101B/..](#)



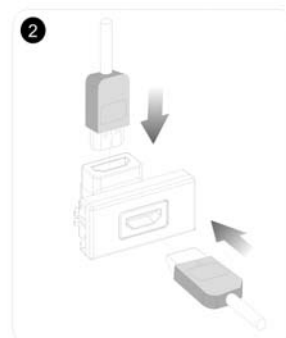
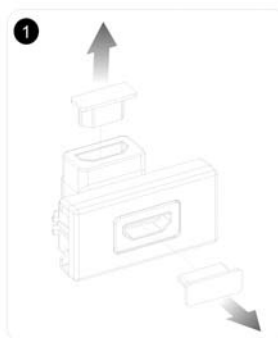
USB Ref. [K128B/..](#)



3 RCA Ref. [K105B/..](#)



HDMI Ref. [K129B/..](#)



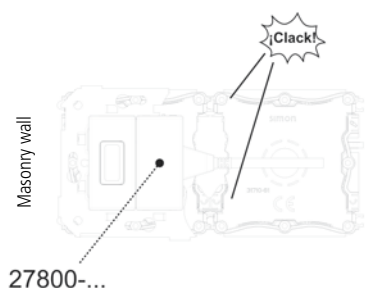
Measurements in mm

K45 MULTIMEDIA PLATES

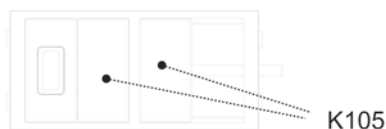
Installation examples

HDMI Ref. [K129B/..](#)

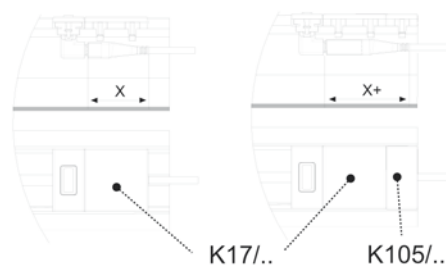
Simon 27



CIMA

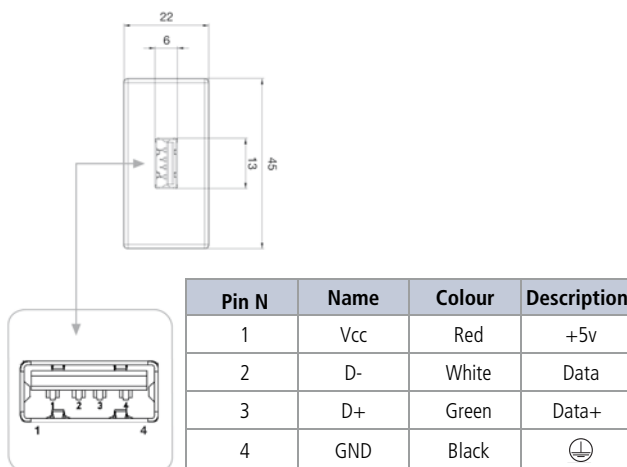


K45

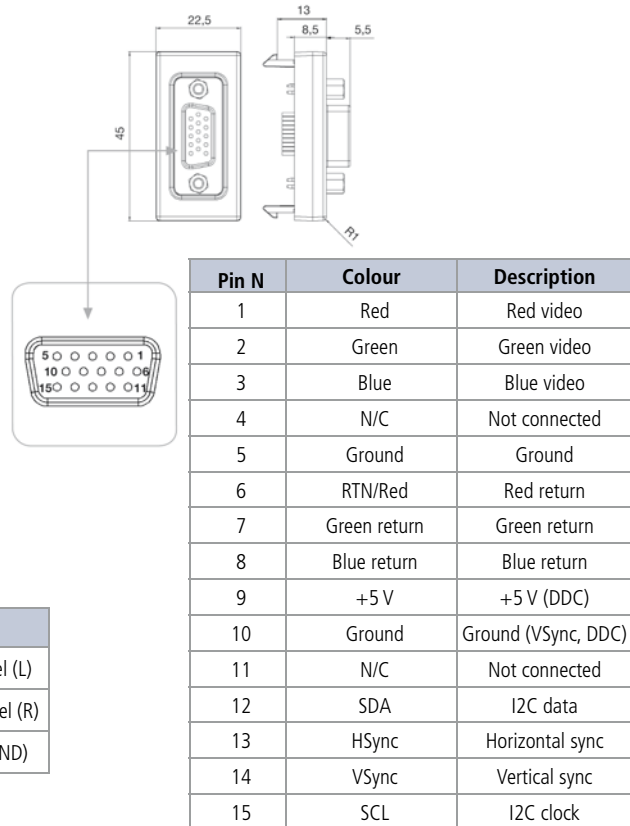


Multimedia. Soldered connection

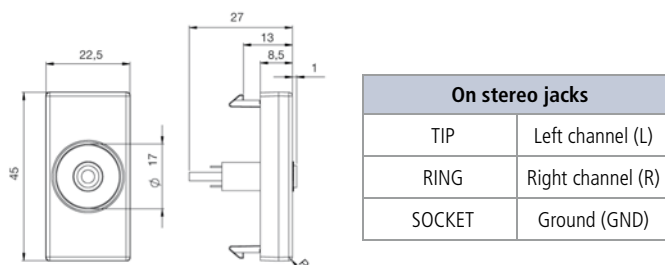
Ref. [K128A/..](#)



Ref. [K100A/..](#)

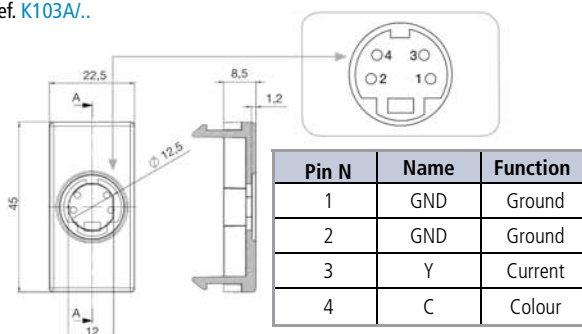


Ref. [K123A/..](#)

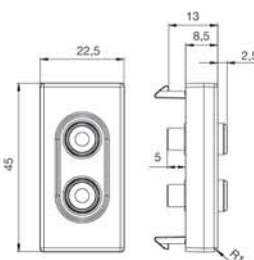


K45 MULTIMEDIA PLATES

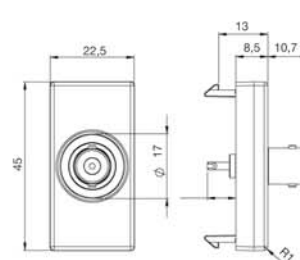
Ref. K103A/..



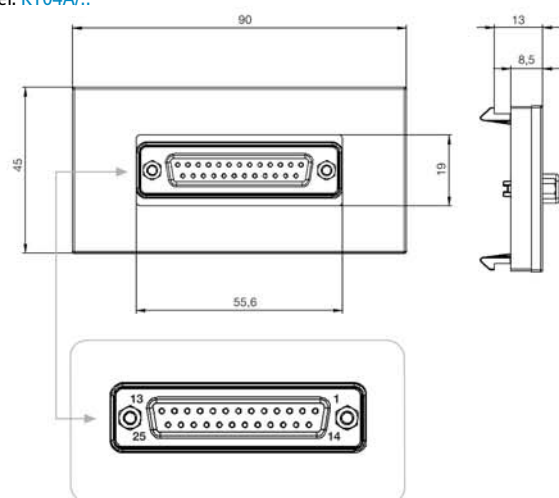
Ref. K101A/..



Ref. K102D/..



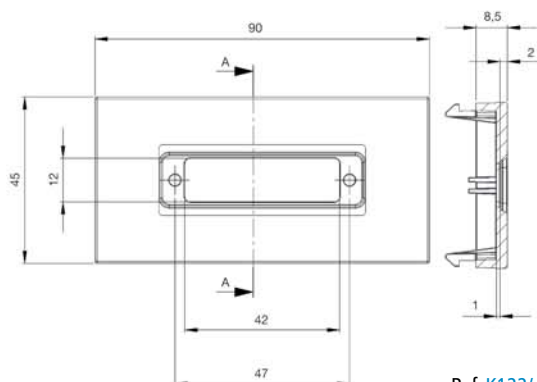
Ref. K104A/..



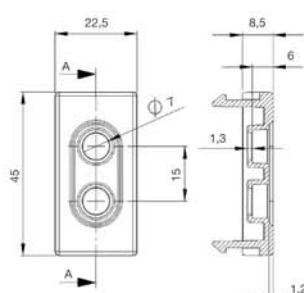
K45 MULTIMEDIA PLATES

Multimedia. No connectors

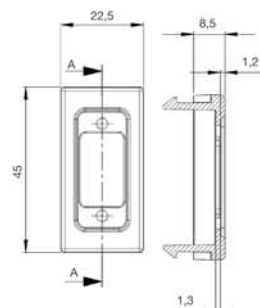
Ref. K104/..



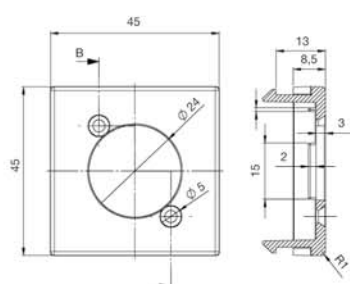
Ref. K101/..



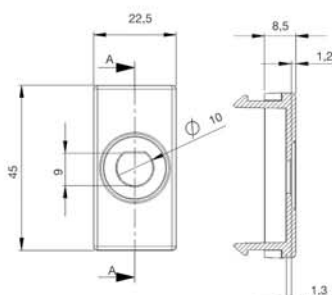
Ref. K100/..



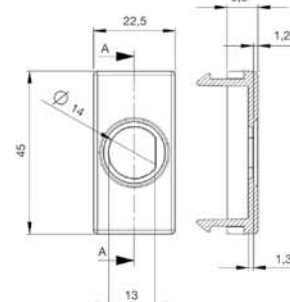
Ref. K122/..



Ref. K102/..



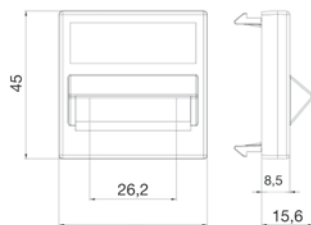
Ref. K103/..



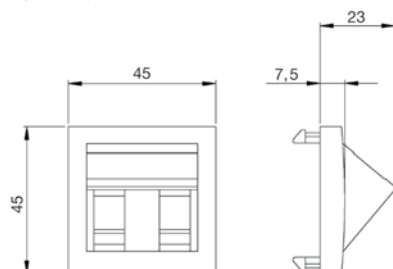
Measurements in mm

K45 PLATES FOR OPTICAL FIBRE

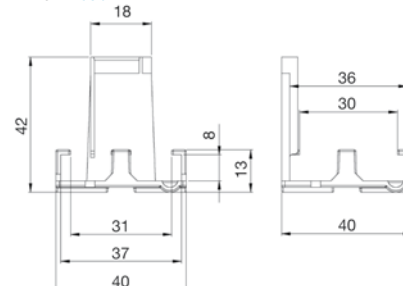
Ref. **K74/..**



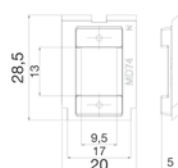
Ref. **KB74/..**



Ref. **AC80**

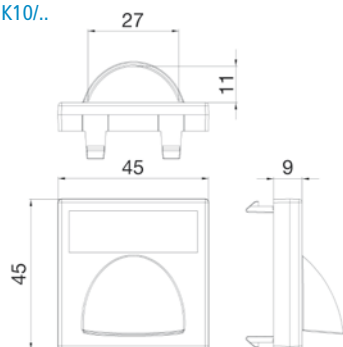


Ref. **MD74**



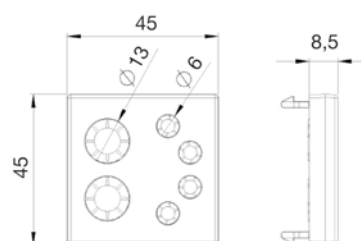
K45 CABLE OUTPUT PLATES

Ref. **K10/..**

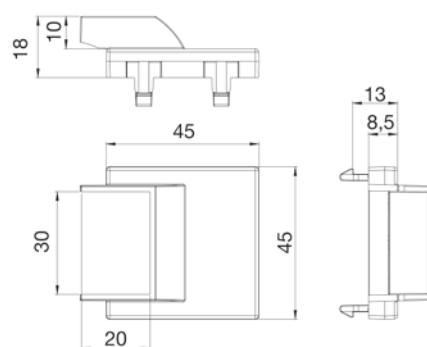


Cable cross-section: 2005 mm²

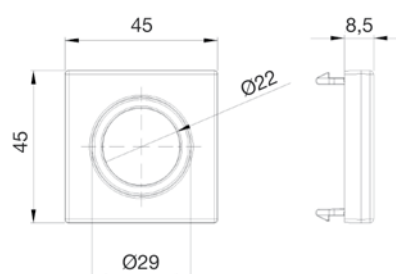
Ref. **K20/..**



Ref. **K21/..**



Ref. **K19/..**

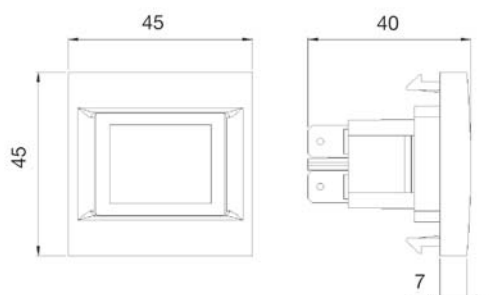


Measurements in mm

Technical information

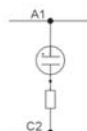
K45 SIGNALLING AND BEACONING PLATES

Ref. [KL05/..](#)



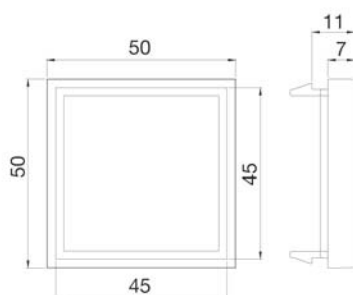
Connection schematics

Ref. [KL05/..](#)



MECHANISMS ADAPTOR

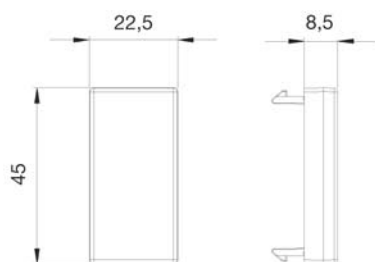
Ref. [AC4550/9](#)



K45 BLIND PLATES

Ref. [K105/..](#)

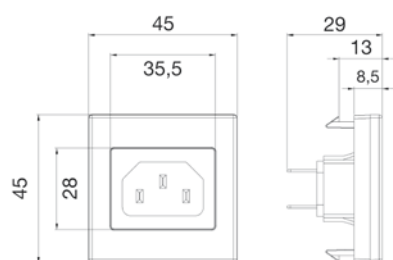
Ref. [K17/..](#)



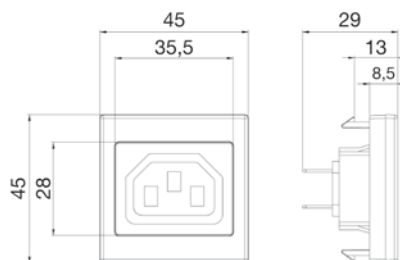
Measurements in mm

K45 QUICK CONNECTION PLATES

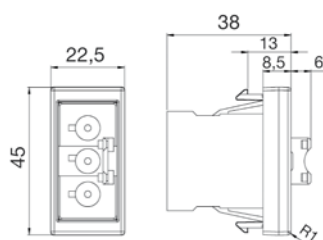
Ref. K305A/..



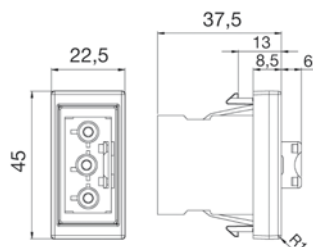
Ref. K306A/..



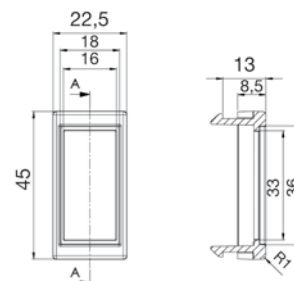
Ref. K101A/..



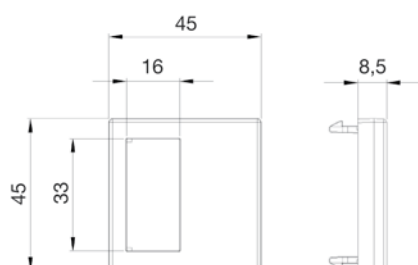
Ref. K121B/..



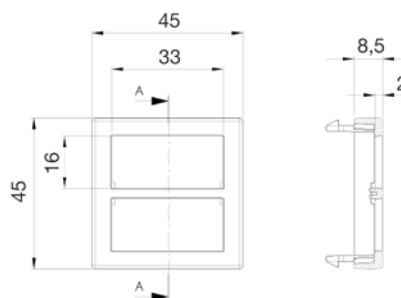
Ref. K121/..



Ref. K18/..

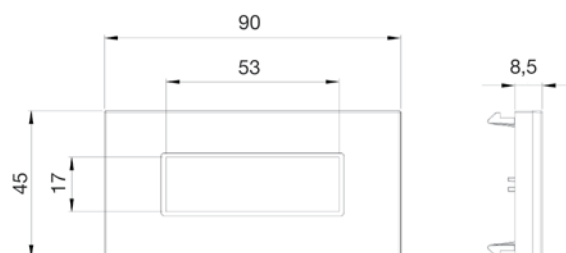


Ref. KB18/..



- For connectors with clips that are 1.5 to 2 mm thick.

Ref. K18W5/..

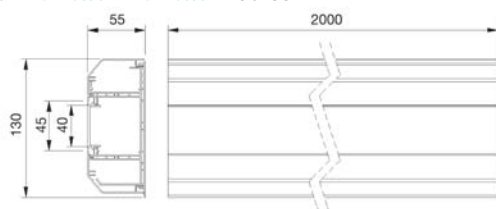


Technical information

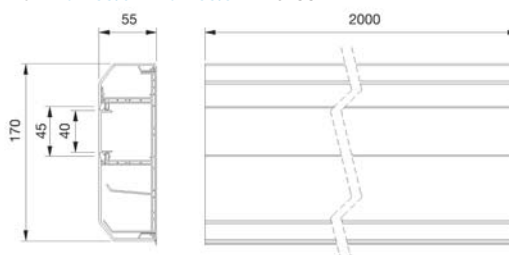
PVC AND ALUMINIUM K45 TRUNKING

- Product designed according to the Safety Requirements of Directive 2006/95/EC (Low Voltage) through standard UNE-EN-50.085.
- Compliant with Spanish ICT regulations according to Royal Decree 401/2003, section 8, "Safety requirements between installations".
- CE marked product.
- IP protection level: 4x.
- Manufactured using thermoplastic and/or anodised aluminium material, which guarantees the non-propagation of flames in the event of a fire.

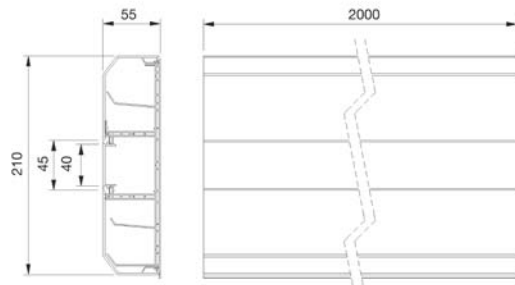
Ref. **TK01103/8 - TK02103/9** 130x55



Ref. **TK01133/8 - TK02133/9** 170x55

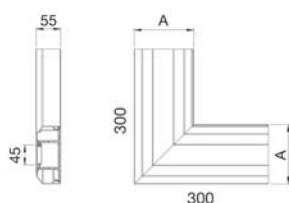


Ref. **TK01163/8 - TK02163/9** 210x55



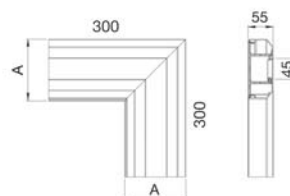
K45 PVC AND ALUMINIUM CABLOMAX ACCESSORIES

Upward flat angle piece



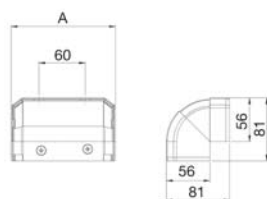
Trunking	A
130x55	134
170x55	174
210x55	213

Downward flat angle piece



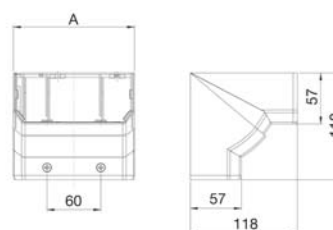
Trunking	A
130x55	134
170x55	174
210x55	213

External angle piece



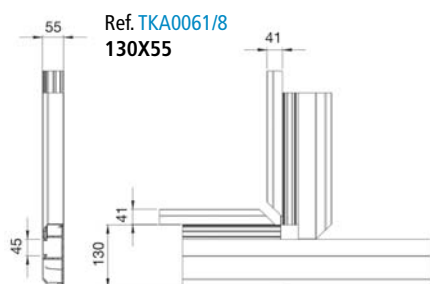
Trunking	A
130x55	134
170x55	173
210x55	214

Internal angle piece

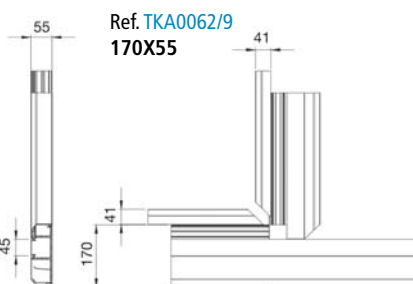


Trunking	A
130x55	134
170x55	174
210x55	214

T junction



Ref. **TKA0061/8**
130X55



Ref. **TKA0062/9**
170X55

End cover

Trunking	A
130x55	134
170x55	174
210x55	214

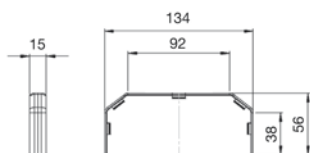
Measurements in mm

PVC AND ALUMINIUM K45 TRUNKING

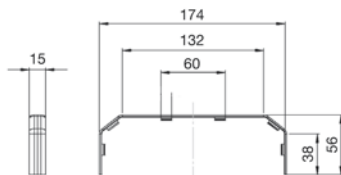
PVC AND ALUMINIUM CABLOMAX ACCESSORIES

Sealing ring

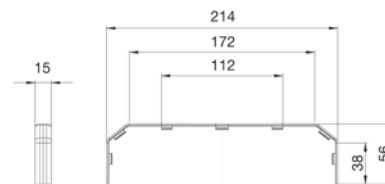
Ref. [TKA005210/..](#) 130x55



Ref. [TKA005213/..](#) 170x55



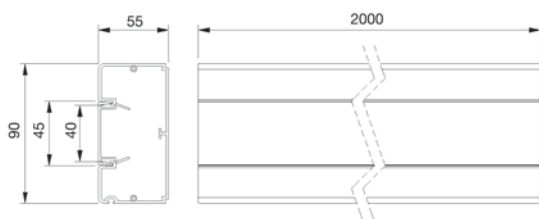
Ref. [TKA005216/..](#) 210x55



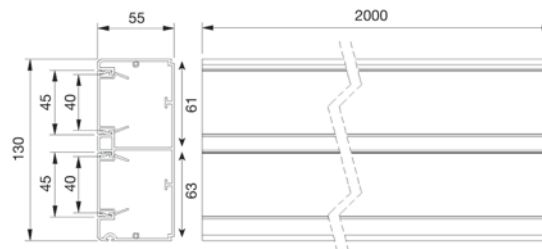
PVC K45 TRUNKING

- Product designed according to the Safety Requirements of Directive 2006/95/EC (Low Voltage) through standard UNE-EN-50.085.
- Compliant with Spanish ICT regulations according to Royal Decree 401/2003, section 8, "Safety requirements between installations".
- CE marked product.
- IP protection level: 4x.
- Resistance level: IK07, medium.
- Manufactured out of thermoplastic material, which guarantees the non-propagation of flames in the event of a fire.

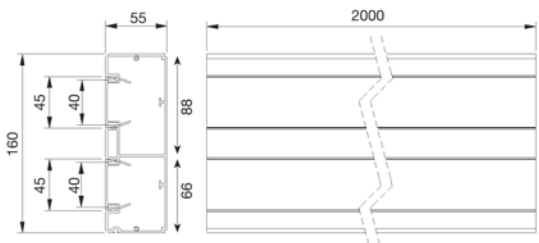
Ref. [TK12081/9](#) 90x55



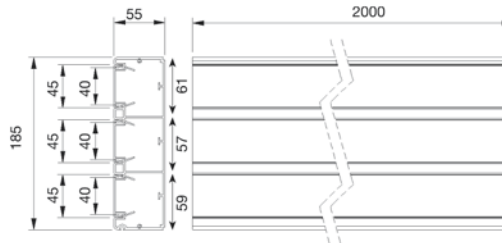
Ref. [TK12102/9](#) 130x55



Ref. [TK12122/9](#) 160x55



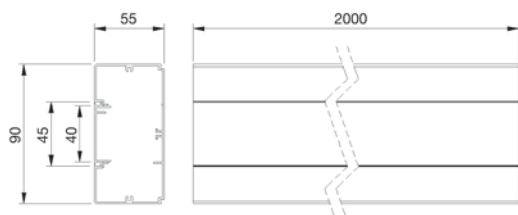
Ref. [TK12143/9](#) 185x55



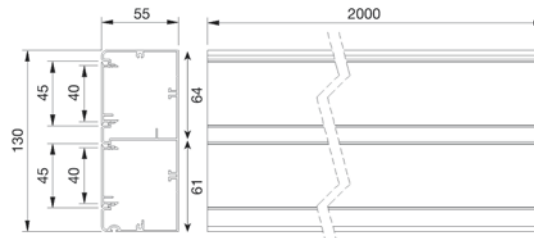
ALUMINIUM K45 TRUNKING

- Product designed according to the Safety Requirements of Directive 2006/95/EC (Low Voltage) through standard UNE-EN-50.085.
- Compliant with Spanish ICT regulations according to Royal Decree 401/2003, section 8, "Safety requirements between installations".
- CE marked product.
- IP protection level: 4x.
- Sections made from anodised aluminium with painted aluminium accessories.

Ref. [TK11081/8](#) 90x55 compartment



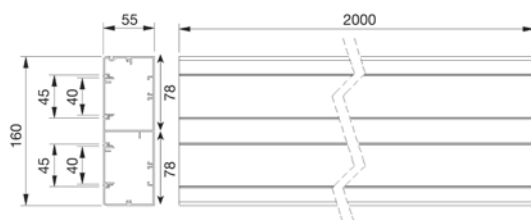
Ref. [TK11102/8](#) 130x55 compartments



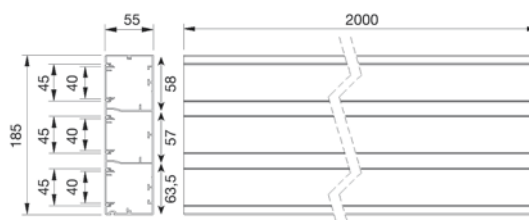
Measurements in mm

ALUMINIUM K45 TRUNKING

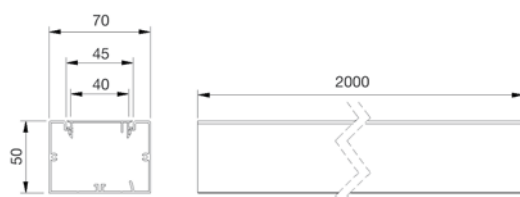
Ref. [TK11122/8](#) 160x55 2 compartments



Ref. [TK11143/8](#) 185x55 3 compartments

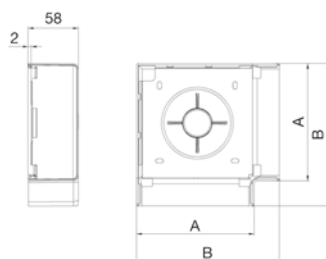


Ref. [TK11071/8](#) 70x50 1 compartment



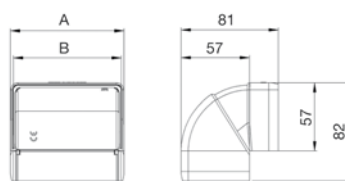
K45 PVC AND ALUMINIUM COMMON ACCESSORIES

Flat angle piece



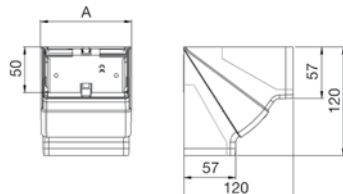
Trunking model	A	B
90x55	95	123
130x55	134	163
160x55	164	195
185x55	190	219

External angle piece



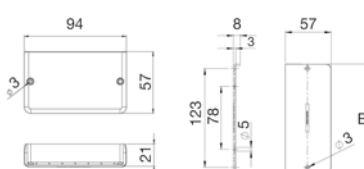
Trunking model	A	B
90x55	95	90
130x55	136	130
160x55	164	160
185x55	187	185

Internal angle piece



Trunking model	A
90x55	94
130x55	134
160x55	168
185x55	189

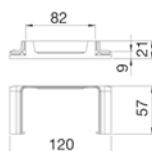
End cover



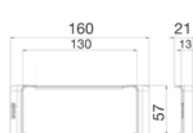
Trunking model	B
90x55	94
130x55	134
160x55	163
185x55	188

T junction

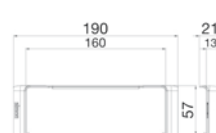
Ref. [TKA106208/..](#) to 90x55



Ref. [TKA106210/..](#) at 130x55

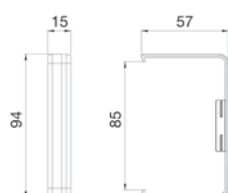


Ref. [TKA106212/..](#) at 160x55

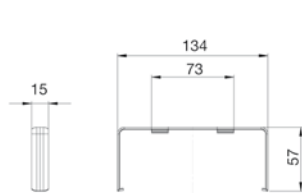


Sealing ring

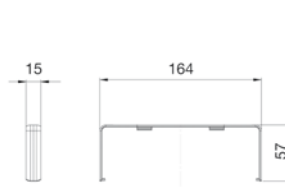
Ref. [TKA105208/..](#) 90x55



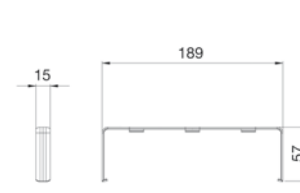
Ref. [TKA1305508/..](#) 130x55



Ref. [TKA105212/..](#) 160x55



Ref. [TKA105214/..](#) 185x55

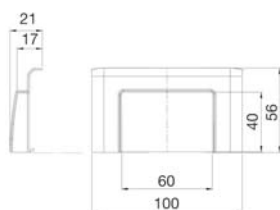


ALUMINIUM K45 TRUNKING

K45 PVC AND ALUMINIUM COMMON ACCESSORIES

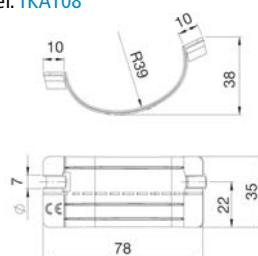
Branch to Mini-trunking

Ref. [TKA107/9](#)



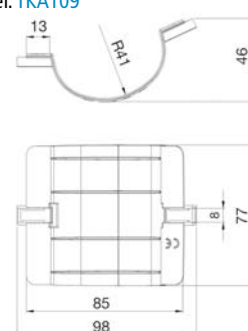
Flat radius of curvature

Ref. [TKA108](#)



Outer radius of curvature

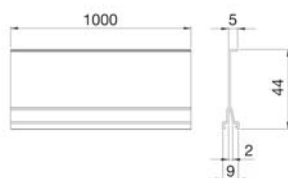
Ref. [TKA109](#)



FUNCTIONAL ACCESSORIES

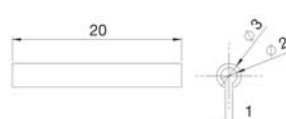
PVC inner divider (45 mm)

Ref. [TKA902](#)



Section connecting pin

Ref. [TKA903](#)



Cable with faston connector for 120 mm earth connection

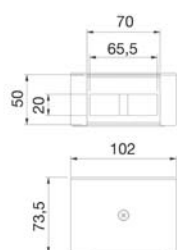
Ref. [TKA904](#)



ACCESSORIES FOR 70X50 STAINLESS-STEEL TRUNKING

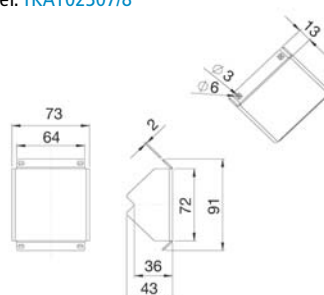
Flat angle piece and branch

Ref. [TKA101307/8](#)



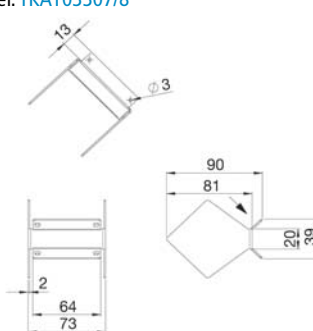
Fixed external angle piece

Ref. [TKA102307/8](#)



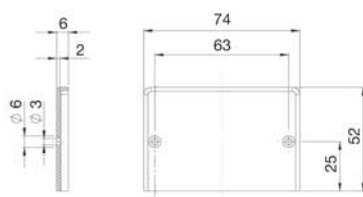
Fixed internal angle piece

Ref. [TKA103307/8](#)



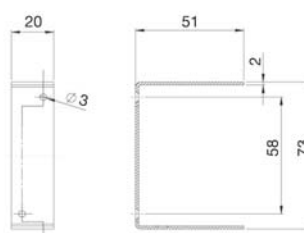
End cover

Ref. [TKA104307/8](#)
Ref. [TKA104207/24](#)



Sealing ring

Ref. [TKA105307/8](#)

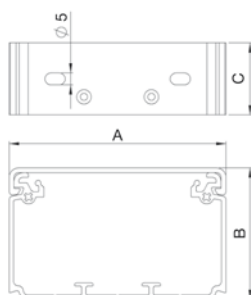


Technical information

PVC CABLE ADAPTER TRUNKING

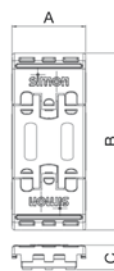
- Product designed according to the Safety Requirements of Directive 2006/95/EC (Low Voltage) through standard UNE-EN-50.085.
- Compliant with Spanish ICT regulations according to Royal Decree 401/2003, section 8, "Safety requirements between installations".
- CE marked product.
- IP protection level: 4x.
- Resistance level: IK07, medium.
- Manufactured out of thermoplastic material, which guarantees the non-propagation of flames in the event of a fire.

Cable Adapter Trunking



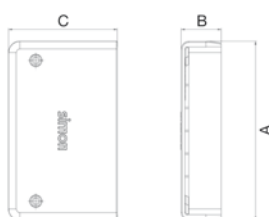
Reference	A	B	C
TS9055/9	90	55	2000
TS13055/9	130	55	2000
TS16055/9	160	55	2000
TS18555/9	185	55	2000

Cable retainer



Reference	A	B	C
TSA905501	30.5	73	10.1
TSA1305501	30.5	113	10.1
TSA1605501	30.5	143	10.1
TSA1855501	30.5	168	10.1

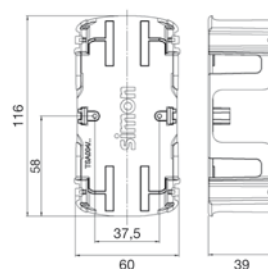
End cover



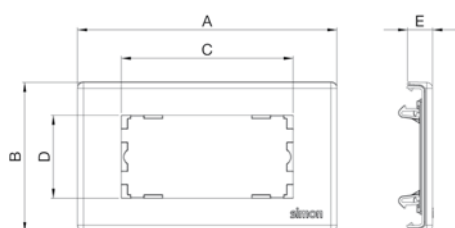
Reference	A	B	C
TSA905502/9	94	21	57
TSA1305502/9	134	21	57
TSA1605502/9	164	21	57
TSA1805502/9	185	21	57

Box for CIMA mechanisms

Ref. [TSA004](#)

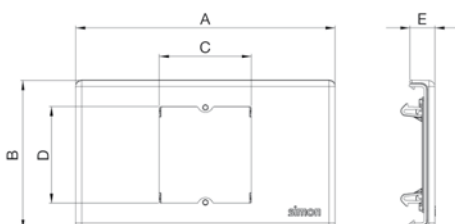


CIMA Mechanisms inner frame + trim



Reference	A	B	C	D	E
TSA905504/9	163.35	93.95	108.3	52.3	16.28
TSA1305504/9	163.35	133.95	108.3	52.3	16.28
TSA1605504/9	163.35	163.95	108.3	52.3	16.28

Universal Mechanisms inner frame + trim



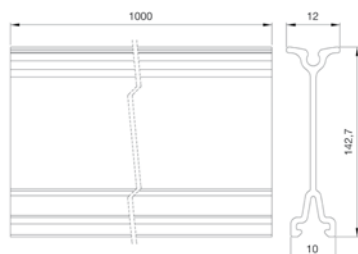
Reference	A	B	C	D	E
TSA905503/9	163.35	163.95	58	61	16.28
TSA1305503/9	163.35	93.95	58	61	16.28
TSA1605503/9	163.35	163.95	58	61	16.28

PVC CABLE ADAPTER TRUNKING

PVC CABLE ADAPTER TRUNKING ACCESSORIES

Interior divider (55 mm)

Ref. TSA001



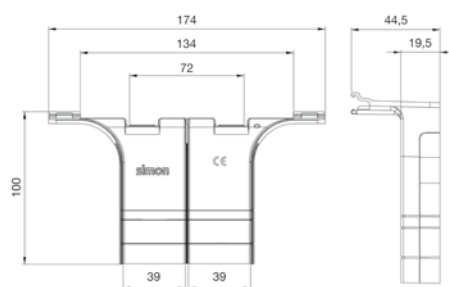
Connector pin

Ref. TSA002



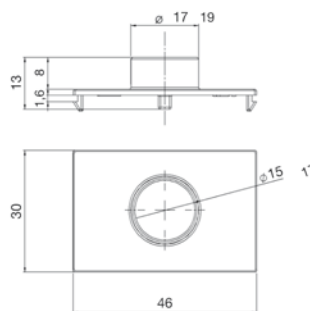
Cable junction

Ref. TSA003



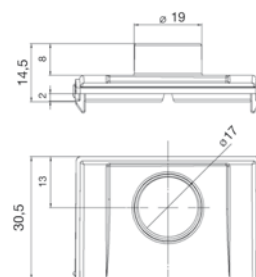
CIMA box adapter

Ref. TSA005/9



CIMA PRO box adapter

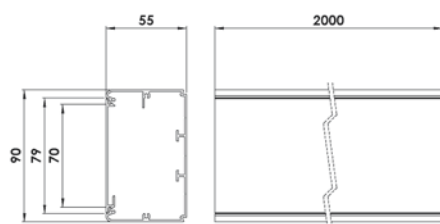
Ref. TSA006/..



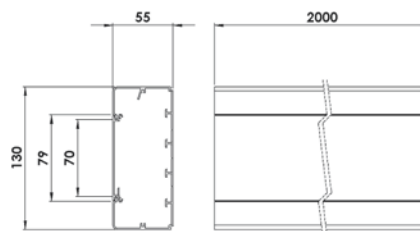
ALUMINIUM CABLE ADAPTER TRUNKING

- Product designed according to the Safety Requirements of Directive 2006/95/EC (Low Voltage) through standard UNE-EN-50.085.
- Compliant with Spanish ICT regulations according to Royal Decree 401/2003, section 8, "Safety requirements between installations".
- C€ marked product.
- IP protection level: 4x.
- Resistance level: IK07, medium.
- Sections made from anodised aluminium with painted aluminium accessories.

Ref. TS9055/8 90x55



Ref. TS13055/8 130x55

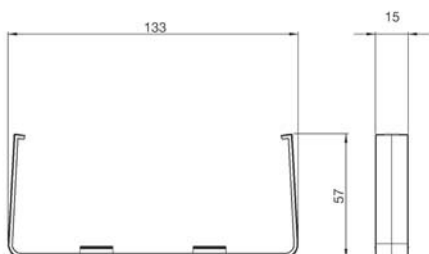


Measurements in mm

ALUMINIUM CABLE ADAPTER TRUNKING

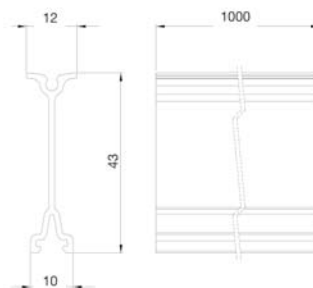
Sealing ring

Ref. [TKA1305508/8](#)



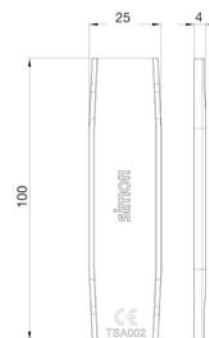
Internal divider

Ref. [TSA001](#)



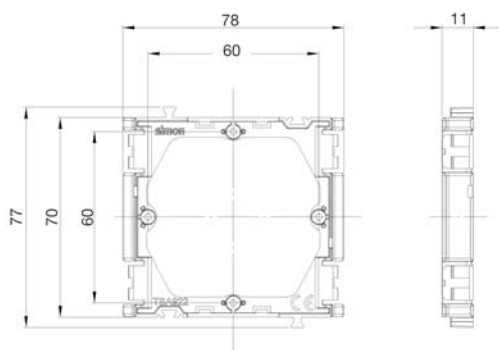
Connector pin

Ref. [TSA002](#)



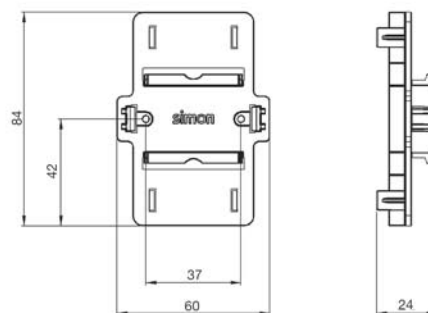
Universal mechanism adapter

Ref. [TSA007](#)



Adapter for Schuko CIMA format and protection mechanisms

Ref. [TSA008](#)



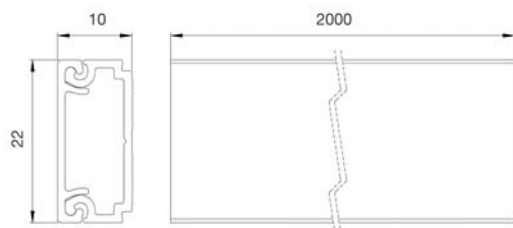
See other accessories on page 103

PVC MINI-TRUNKING

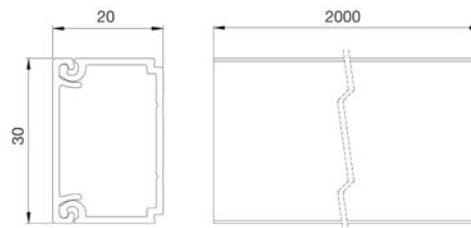
- Product designed according to the Safety Requirements of Directive 2006/95/EC (Low Voltage) through standard UNE-EN-50.085.
- Compliant with Spanish ICT regulations according to Royal Decree 401/2003, section 8, "Safety requirements between installations".

- CE marked product.
- IP protection level: 4x.
- Manufactured out of thermoplastic material, which guarantees the non-propagation of flames in the event of a fire.

Ref. [TM12011/9](#) 10x22 1 compartment
Ref. [TM120112/9](#)

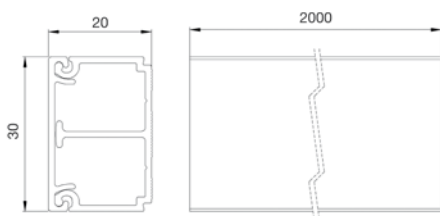


Ref. [TM12021/9](#) 20x30 1 compartment

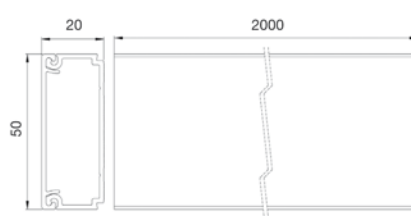


PVC MINI-TRUNKING

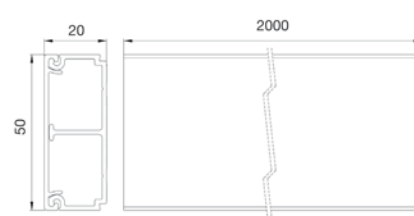
Ref. **TM12022/9** 20x30 2 compartments



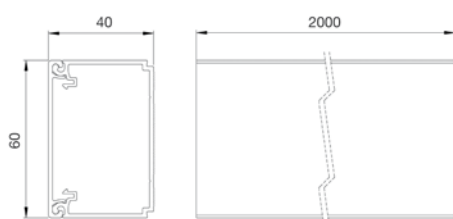
Ref. **TM12031/9** 20x50 1 compartment



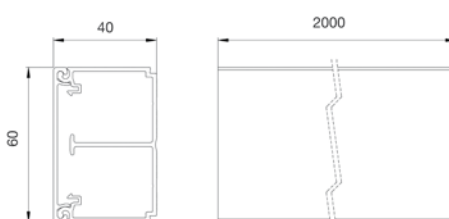
Ref. **TM12032/9** 20x50 2 compartments



Ref. **TM12051/9** 40x60 1 compartment

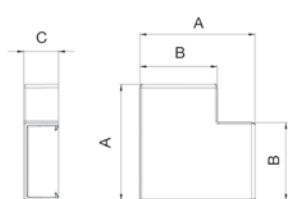


Ref. **TM12052/9** 40x60 2 compartments



PVC MINI-TRUNKING ACCESSORIES

Flat angle piece



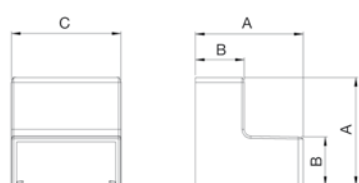
Mini-trunking	A	B	C
10x22	36	24	11
20x30	47	33	21
20x50	76	54	21
40x60	90	64	42

External angle piece



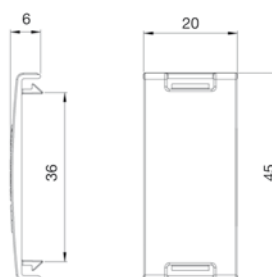
Mini-trunking	A	B	C
10x22	23	11	24
20x30	35	21	33
20x50	40	21	53
40x60	68	42	64

Internal angle piece

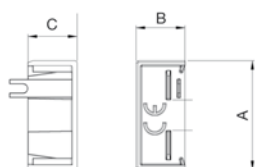


Mini-trunking	A	B	C
10x22	24	11	24
20x30	35	21	33
20x50	47	21	54
40x60	67	42	64

Cable retainer



End cover



Mini-trunking	A	B	C
10x22	24	11	11
20x30	32	21	12
20x50	53	21	11
40x60	64	42	14

Sealing ring



Mini-trunking	A	B	C
10x22	23	11	24
20x30	29	21	33
20x50	50	21	53
40x60	57	41	64

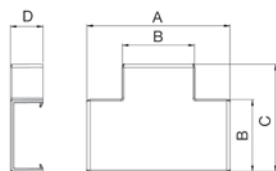
Measurements in mm

Technical information

PVC MINI-TRUNKING

PVC MINI-TRUNKING ACCESSORIES

T junction

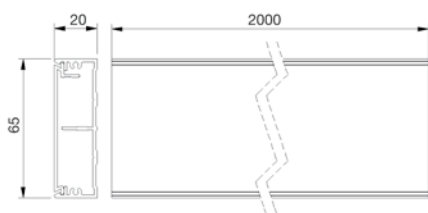


Mini-trunking	A	B	C	D
10x22	48	24	36	11
20x30	61	33	47	21
20x50	98	54	53	21
40x60	116	64	90	42

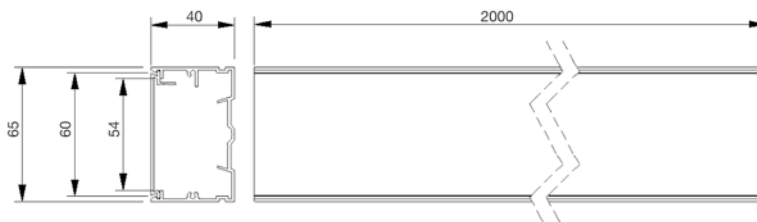
ALUMINIUM MINI-TRUNKING

- Product designed according to the Safety Requirements of Directive 2006/95/EC (Low Voltage) through standard UNE-EN-50.085.
- Compliant with Spanish ICT regulations according to Royal Decree 401/2003, section 8, "Safety requirements between installations".
- CE marked product.
- IP protection level: 4x.
- Resistance level: IK07, medium.
- Sections made from anodised aluminium with painted aluminium accessories.

Ref. [TM21042/8](#) 65x20 2 compartments



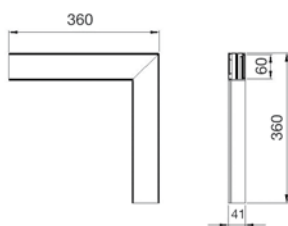
Ref. [TM21061/8](#) 65x40 1 compartment



ALUMINIUM MINI-TRUNKING ACCESSORIES

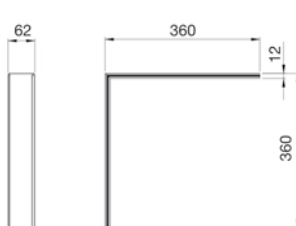
Flat angle piece

Ref. [TMA201106/8](#)

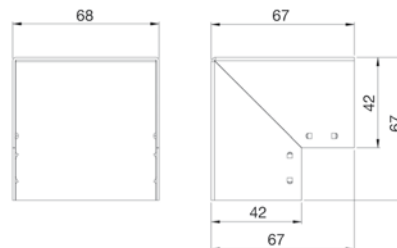


External angle piece

Ref. [TMA202104/8](#) 65x20

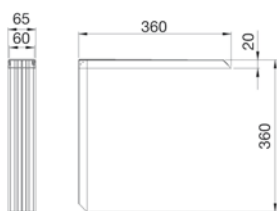


Ref. [TMA202406/24](#) 65x40

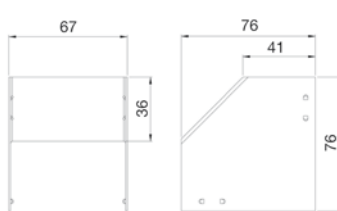


90° internal angle piece

Ref. [TMA203104/8](#) 65x20



Ref. [TMA203406/24](#) 65x40



End cover

Ref. [TMA204404/8](#)

Ref. [TMA204106/8](#)



Reference	B
TMA204404	20
TMA204106	40

Measurements in mm

AUMINIUM MINI-TRUNKING

ALUMINIUM MINI-TRUNKING ACCESSORIES

Plate for Electrobanda French socket

Ref. **TMA07/8**

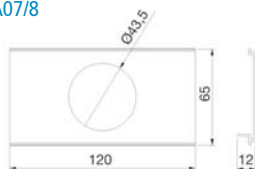
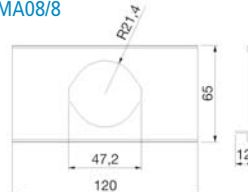


Plate for Electrobanda Schuko socket

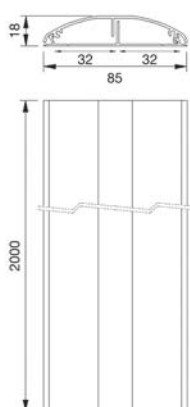
Ref. **TMA08/8**



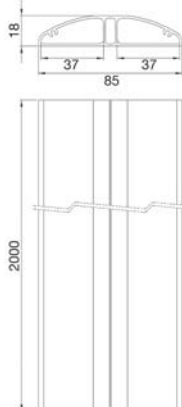
DCS SYSTEM

- Product designed according to the Safety Requirements of Directive 2006/95/EC (Low Voltage) through standard UNE-EN-50.085.
- Compliant with Spanish ICT regulations according to Royal Decree 401/2003, section 8, "Safety requirements between installations".
- CE marked product.
- IP protection level: 4x.
- Manufactured in Anodised Aluminium.

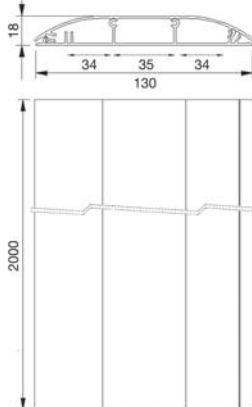
Ref. **TF11172/8**
85x18



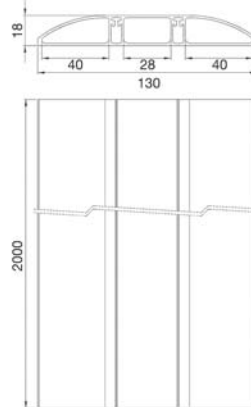
Ref. **TF21172/8**
85x18



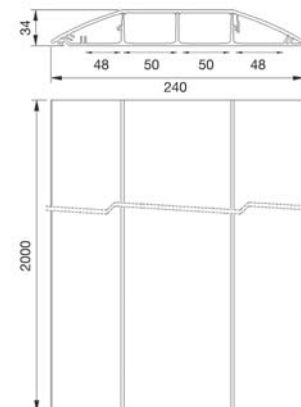
Ref. **TF11183/8**
130x18



Ref. **TF21183/8**
130x18



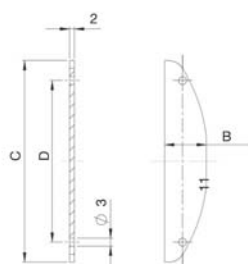
Ref. **TF11193/8**
240x18



Reference	Load per unit of maximum area (kg/cm ²)	IK
TF11172/8	45	IK08
TF21172/8	65	IK10
TF11183/8	55	IK07
TF21183/8	75	IK08
TF11193/8	100	IK10

DCS SYSTEM ACCESSORIES

End cover



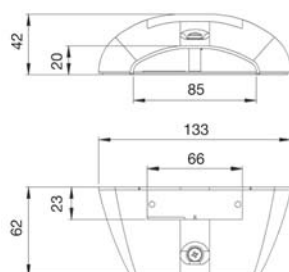
Trunking	B	C	D
85x18	18	85	68
130x18	18	128	37
240x34	34	219	109

Measurements in mm

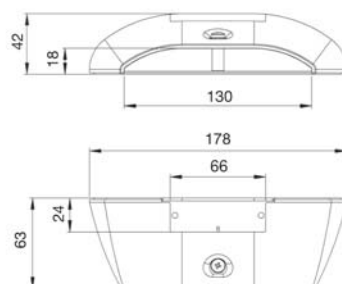
DCS SYSTEM

JUNCTION TO PERIMETER TRUNKING

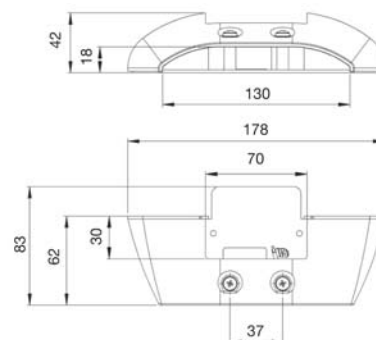
Ref. [TFA965417/8](#)



Ref. [TFA965418/8](#)



Ref. [TFA970418/8](#)



Measurements in mm

GUIDE FOR DETERMINING THE NECESSARY CROSS SECTION OF THE TRUNKING
















	Ref.	Trunking external size	Usable area schematic	Usable area per compartment/total (mm²)		
				Comp.1	Comp.2	Comp.3
CABLMAX PVC K45	TK02103/9	130x55		977	2066	1227
				977	877.5	1227
	TK02133/9	170x55		1235.5	2062	2728.5
				1235.5	880	2728.5
	TK02163/9	210x55		3000	2055	2735
				3000	939	2735
K45 aluminium CABLOMAX	TK01103/8	130x55		960	2064	1234
				960	881	1234
	TK01133/8	170x55		1238	2060	2702
				1238	808	2702
	TK01163/8	210x55		2995.5	2059	2691
				2995.5	879	2691
K45 PVC trunking	TK12081/9	90x55		3290	-	-
				2430	-	-
	TK12102/9	130x55		2124	1952	-
				1250	1077	-
	TK12122/9	160x55		2205.7	3227.7	-
				1350.9	2374.3	-
	TK12143/9	185x55		1900	1811	1928
				1070.5	977.7	1089.5

- With divider
- With mechanisms








	Ref.	Trunking external size	Usable area schematic	Usable area per compartment/total (mm²)			
				Comp.1	Comp.2	Comp.3	Comp.4
K45 aluminium trunking	TK11081/8	90x55		3792.2	-	-	-
				2613.4	-	-	-
	TK11102/8	130x55		2452.4	2569.7	-	-
				2150.7	1388.2	-	-
	TK11122/8	160x55		3314	3739	-	-
				2079	2050	-	-
	TK11143/8	185x55		2519.7	2270.6	2282.4	-
				1343.9	1094.5	1112.1	-
	TK11071/8	70x50		2470.2	-	-	-
				1288.3	-	-	-
	TS9055/9	90x55		3382	-	-	-
				1009	1062	1025	-
				2637	-	-	-
PVC cable adapter trunking	TS13055/9	130x55		5223	-	-	-
				1280	986	988	1278
				4447	-	-	-
	TS16055/9	160x55		1148	1148	-	-
				6689	-	-	-
				2020	1001	1002	2021
				5220.7	-	-	-
				1842	1842	-	-

Measurements in mm

GUIDE FOR DETERMINING THE NECESSARY CROSS SECTION OF THE TRUNKING

	Ref.	Trunking external size	Usable area schematic	Usable area per compartment/total (mm²)					
				Comp. 1	Comp. 2	Comp. 3	Comp. 4	Comp. 5	Comp. 6
Cable adapter trunking	TS18555/9	185x55		7578	-	-	-	-	-
				1317	1003	1003	1003	1003	1317
Aluminium cable adapter trunking	TS9055/8	90x55		3768.5	-	-	-	-	-
				1238	1108	1214	-	-	-
				734	758	-	-	-	-
	TS13055/8	130x55		5590	-	-	-	-	-
				929	961	961	961	906	-
				1695	1713	-	-	-	-
PVC Mini-trunking	TM1022/9	10x22		105	-	-	-	-	-
	TM1022A/9	20x30		390	-	-	-	-	-
	TM12022/9	20x30		184.3	184.3	-	-	-	-
	TM12031/9	20x50		570	-	-	-	-	-
	TM12032/9	20x50		263	263	-	-	-	-
	TM12051/9	40x60		1721	-	-	-	-	-
	TM12052/9	40x60		832	832	-	-	-	-

- With divider
- With mechanisms

	Ref.	Trunking external size	Usable area schematic	Usable area per compartment/total (mm²)				
				Comp. 1	Comp. 2	Comp. 3	Comp. 4	Comp. 5
Aluminium mini-trunking	TM21042/8	65x20		410.5	371.5	-	-	-
	TM21061/8	65x40		1875	-	-	-	-
DCS Trunking	TF11172/8	85x18		378.5	397.5	-	-	-
	TF21172/8	85x18		396	396	-	-	-
	TF11183/8	130x18		325	443	354	-	-
	TF21183/8	130x18		363	341.5	363	-	-
	TF11193/8	240x34		741.5	1263.5	1263.5	730	-

METHOD FOR CALCULATING THE CABLING CAPACITY IN TRUNKINGS

PRACTICAL CALCULATION EXAMPLE

Requirements:

- Aluminium trunking
- 16 hoses of 3x2.5 mm² in one compartment and
- 35 cables Cat. 6 FTP in the other compartment

STEP 1 - WE OBTAIN THE UNIT CROSS SECTION FOR EACH TYPE OF CABLE (SEE CROSS-SECTION TABLE)

Which gives us:

$$S_{Ci} = \varnothing^2$$

$$S_{3 \times 2.5} = 110 \text{ mm}^2$$

$$S_{\text{Cat6FTP}} = 55 \text{ mm}^2$$

If we multiply this by the necessary quantities:

$$S_{3 \times 2.5} \text{ 16} = 16 \times S_{3 \times 2.5} = 16 \times 110 \text{ mm}^2 = 1760 \text{ mm}^2$$

$$S_{\text{Cat6FTP}} \text{ 35} = 35 \times S_{\text{Cat6FTP}} = 35 \times 55 \text{ mm}^2 = 1925 \text{ mm}^2$$

STEP 2 - WE OBTAIN THE TOTAL CROSS SECTION PER COMPARTMENT

We must take into account the fill factor (K_i) with regard to installation and angles.

Both for the hose of 3x2.5mm² and for the cable Cat. 6 FTP the fill factor is $K_i = 1.3$

Therefore:

$$S_{3 \times 2.5} \text{ total} = K_i \times S_{3 \times 2.5} \text{ 16} = 1.3 \times 1760 \text{ mm}^2 = 2288 \text{ mm}^2$$

$$S_{\text{Cat6FTP}} \text{ total} = K_i \times S_{\text{Cat6FTP}} \text{ 35} = 1.3 \times 1925 \text{ mm}^2 = 2502 \text{ mm}^2$$

Furthermore, consider that 30% of the trunking's capacity must be left available for possible expansions ($A=1.3$).

Thus:

$$S_{c1} = S_{3 \times 2.5} \text{ total} \times A = 2288 \text{ mm}^2 \times 1.3 = 2975 \text{ mm}^2$$

$$S_{c2} = S_{\text{Cat6FTP}} \text{ total} \times A = 2502 \text{ mm}^2 \times 1.3 = 3253 \text{ mm}^2$$

STEP 3 - WE SELECT THE TRUNKING

We are asked to provide a 2-compartment aluminium trunking.

We look in the capacities table, and we find that the 160x55, two-compartment aluminium trunking suits our needs:

- Necessary cross section for compartment 1: $S_{c1} = 3253 \text{ mm}^2$
- Available cross section of compartment 1: $S_{c1} = 3314 \text{ mm}^2$
- Necessary cross section for compartment 2: $S_{c2} = 2975 \text{ mm}^2$
- Available cross section compartment 2: $S_{c2} = 3739 \text{ mm}^2$

$$S_{\text{comp1}} = 3314 \text{ mm}^2$$

$$S_{\text{comp2}} = 3739 \text{ mm}^2$$


CROSS SECTIONS AND DIAMETERS OF THE MAIN CABLES RECOMMENDED IN THE REBT

ELECTRIC CABLE EXAMPLE FOR DISTRIBUTION NETWORKS

Nº of conductors		1 conductor		2 conductors		3 conductors		4 conductors	
Type *	Nominal cross section (mm)	Ø Exterior (mm)	Ø ² cross section (mm ²)	Ø Exterior (mm)	Ø ² cross section (mm ²)	Ø Exterior (mm)	Ø ² cross section (mm ²)	Ø Exterior (mm)	Ø ² cross section (mm ²)
RZ1-K 0.6/1 kV	1.5	5.7	32	10.5	110	10.7	114	11.5	132
RZ1-K 0.6/1 kV	2.5	6.2	38	11.3	128	11.6	135	12.6	159
RZ1-K 0.6/1 kV	4	6.7	45	12.3	151	13.3	177	14.5	210
RZ1-K 0.6/1 kV	6	7.7	59	13.8	190	14.4	207	15.5	240
RZ1-K 0.6/1 kV	10	8.4	71	15.5	240	16	256	18	324
RZ1-K 0.6/1 kV	16	9.8	96	18.5	342	19	361	21.5	462
RZ1-K 0.6/1 kV	25	11.4	130	21.6	467	22.9	524	23	529
RZ1-K 0.6/1 kV	35	12.6	159	-	-	-	-	-	-
RZ1-K 0.6/1 kV	50	14.3	204	-	-	-	-	-	-
RZ1-K 0.6/1 kV	70	16.4	269	-	-	-	-	-	-
RZ1-K 0.6/1 kV	95	17.9	320	-	-	-	-	-	-

EXAMPLE OF NORMAL CABLING IN INTERIOR INSTALLATIONS

Type *	Nominal cross section (mm)	Ø Exterior (mm)	Ø ² cross section (mm ²)
H07V2-K	1x1.5	2.9	328
H07V2-K	1x2.5	3.6	13
H07V2-K	1x4	4.2	18
H07V2-K	1x6	4.7	22
H07V2-K	1x10	6.2	38
H07V2-K	1x16	7.3	53
H07V2-K	1x25	9.3	86
H07V2-K	1x35	10.4	108
H07V2-K	1x50	13.9	193
H07V2-K	1x70	16	256
H07V2-K	1x95	18.2	331

Type *	Nominal cross section (mm)	Ø Exterior (mm)	Ø ² cross section (mm ²)
H05 VV-F	2x0.75	6.7	45
H05 VV-F	2x1	7	49
H05 VV-F	2x1.5	7.8	61
H05 VV-F	2x2.5	9.6	92
H05 VV-F	2x4	11	121
H05 VV-F	3G0.75	7	49
H05 VV-F	3G1	7.5	56
H05 VV-F	3G1.5	8.8	77
H05 VV-F	3G2.5	10.5	110
H05 VV-F	3G4	11.9	142
H05 VV-F	4G0.75	7.5	56
H05 VV-F	4G1	8.3	69
H05 VV-F	4G1.5	9.4	88
H05 VV-F	4G2.5	11.3	128
H05 VV-F	4G4	13.1	172

* According to UNE nomenclature

N.B.
Examples of usual electric and communications cabling
The values shown may vary depending on the manufacturer.
Guideline data.

CROSS SECTIONS AND DIAMETERS OF THE MAIN CABLES RECOMMENDED IN THE REBT

COMMUNICATIONS CABLING

	Ø Exterior (mm)	Ø ² cross section (mm ²)
TELEPHONY		
1 pair EV 0.51 mm	3.7	14
2 pairs EV 0.51mm	4	16
DATA (4 PAIRS)		
UTP Class D, Cat5e	5	25
UTP Class E, Cat6	6.3	40
FTP Class D, Cat5e	6.1	37
FTP Class E, Cat6	7.4	55
TELEVISION		
Coaxial 75 Ω	6.6	43.6

* According to UNE nomenclature

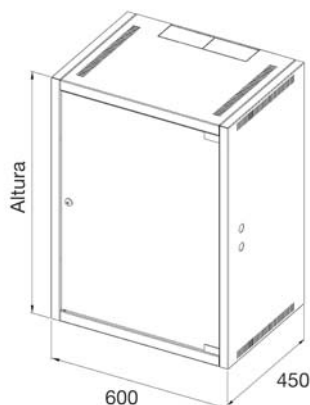
N.B.
Examples of normal electric and communications cabling
The values shown may vary depending on the manufacturer.
Guideline data.

Measurements in mm

Technical information

RACK CABINETS

- Product designed to guarantee compliance with Directive 2006/95/EC, standard UNE-EN-62.208 and standard IEC- 60.297-2.
- Complies with European RoHS regulations.
- CE marked product.
- IP20 protection level.
- Impact strength level IK:09.
- Door opening angle of 160°.
- The frame can be moved in steps of 1 cm.
- Maximum weight: 50 kg.
- Earth connection included.
- Ventilation surface 100 cm².
- Wall mounted.
- Indoor installation.
- Maximum-safety tempered glass.

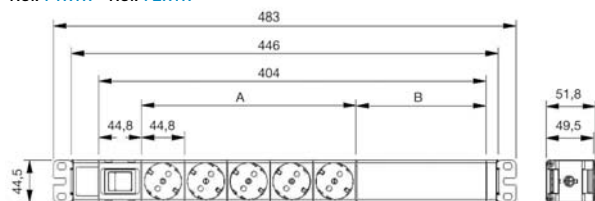


References	Height
RKA1906A4F	375 mm
RKA1909A4F	525 mm
RKA1912A4F	670 mm
RKA1915A4F	820 mm

ELECTROBLOCK

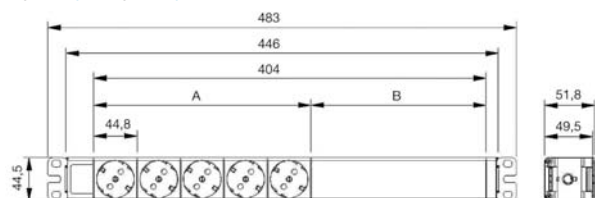
- Specific measurements for installation on 19" racks. 1 u. high (44.45 mm).
- Design according to CEI 670 (UNE 20451) standard for casings and CEI 60297 standard for communications cabinets.
- Depending on model, they have 16A bipolar switches and 2 m of 3x1.5 electric cable with heat injected electric plug.
- The recommended temperature range during installation is: - 5° C to + 60° C.
- The maximum temperature during construction work is +60° C.

Ref. F1x1x Ref. F2x1x



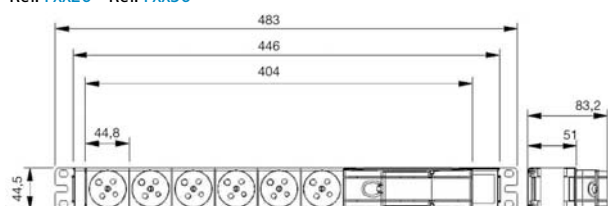
References				A	B
F1115	F1015	F2115	F2015	224	135
F1116	F1016	F2116	F2016	269	90
F1118	F1018	F2118	F2018	359	0

Ref. F1x0x Ref. F2x0x



References				A	B
F1105	F1005	F2105	F2005	224	180
F1106	F1006	F2106	F2006	269	135
F1108	F1008	F2108	F2008	359	45
F1109	F1009	F2109	F2009	404	0

Ref. Fxx26 Ref. Fxx36



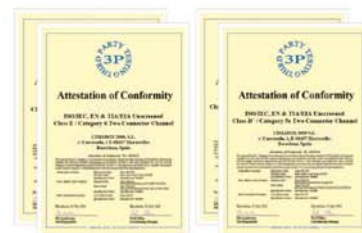
References			
F1126	F1026	F2126	F2026
F1136	F1036	F2136	F2036
References	Description		
F1126	10A, two-pole automatic breaker, curve C		
F1136	30 mA differential, I max. 40A		

Measurements in mm

UTP AND FTP COPPER CABLE SYSTEM

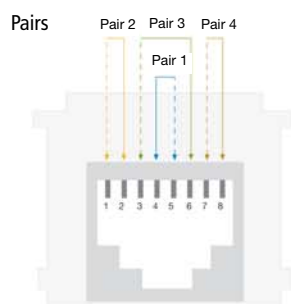
Manufactured in accordance with the following standards:

- EN 50.173-1 Cabling Standard Information Technology.
- TIA/EIA 568 A/B Commercial Building Telecommunications Cabling Standard.
- ISO/IEC 11.801 Cabling Standard, Generic Cabling for Customer Premises.
- Certified by an independent external laboratory.

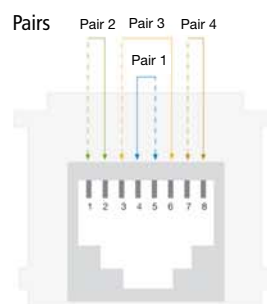


RJ45 WITH FITTED CONNECTORS

TIA568B connectorised



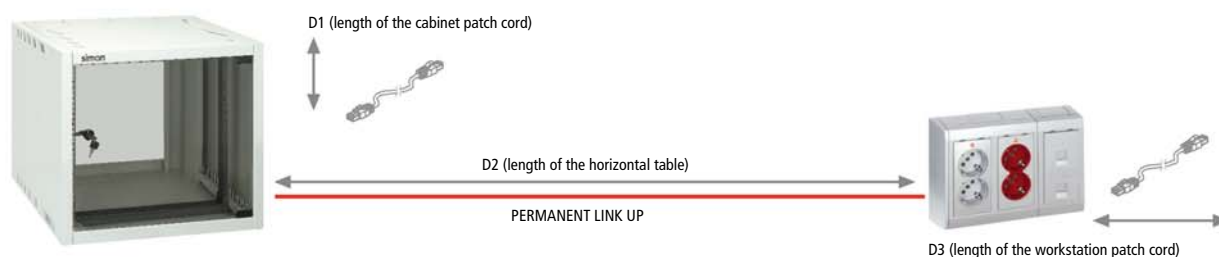
TIA568A connectorised



The RJ45 female connector can be used as RJ11 or RJ12. Connect the blue and white-blue pair for use as an analogue telephone socket.

INSTALLATION DISTANCES

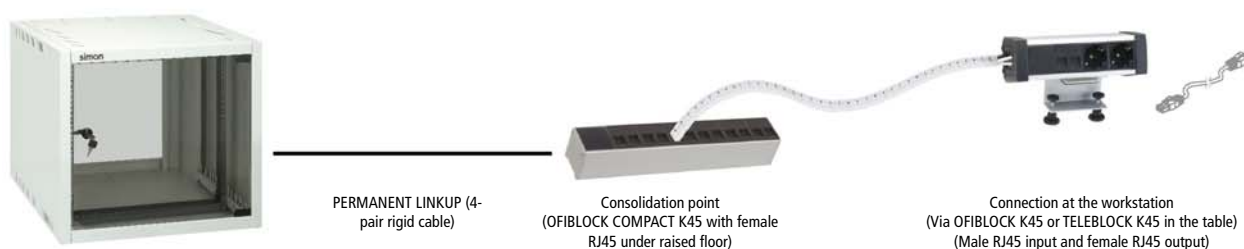
Horizontal copper cable lengths compliant with the ISO/IEC 11801 standard



Length of the horizontal cable line (PERMANENT LINKUP):	$D2 \leq 90$ metres
Length of the patch cords (of the cabinet and workstation):	$D1 + D3 < 10$ metres
Length from the computer to the network equipment (TRUNKING):	$D1 + D2 + D3 \leq 100$ metres

CONSOLIDATION POINT

Installation diagram with Consolidation point via OFIBLOCK K45 or TELEBLOCK K45 at workstation



The consolidation point allows the fixed part of the installation to be cabled (PERMANENT LINKUP) and allows complete freedom of movement of the installation furniture while respecting the Structured Cabling standard ISO/IEC 11801.

Measurements in mm

Technical information

QUICK CONNECTION

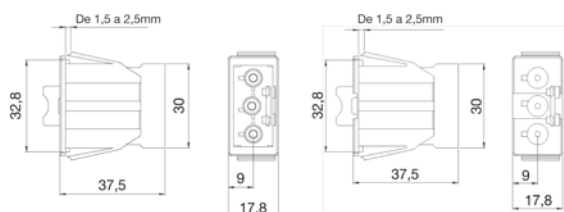
- Product designed according to the Safety Requirements of Directive 2006/95/EC (Low Voltage) through harmonised standard UNE-EN-50.085.
- CE marked product.
- Cable cross section: 1.5 or 2.5 mm².
- Rigid or flexible.

3 POLES

Flush-mount connectors

Ref. CR0001/..

Ref. CR0002/..

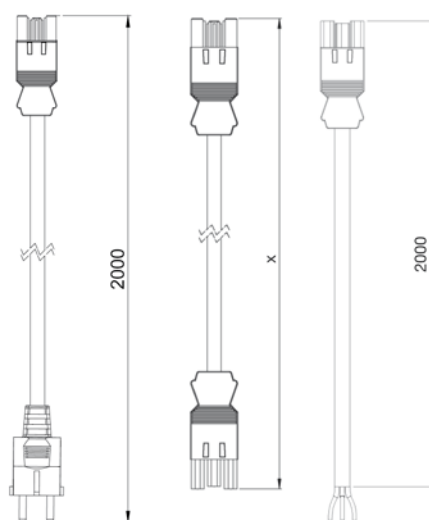


Patch cords

Ref. CR1020/..

Ref. CR2010/..

Ref. CR4020

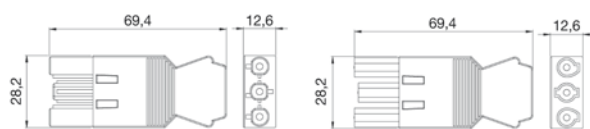


References	Length (x) (m)
CR2010/..	1
CR2020/..	2
CR2030/..	3
CR2040/..	4
CR2050/..	5
CR2060/..	6
CR2070/..	7
CR2080/..	8

Overhead connectors

Ref. CR0003/..

Ref. CR0004/..

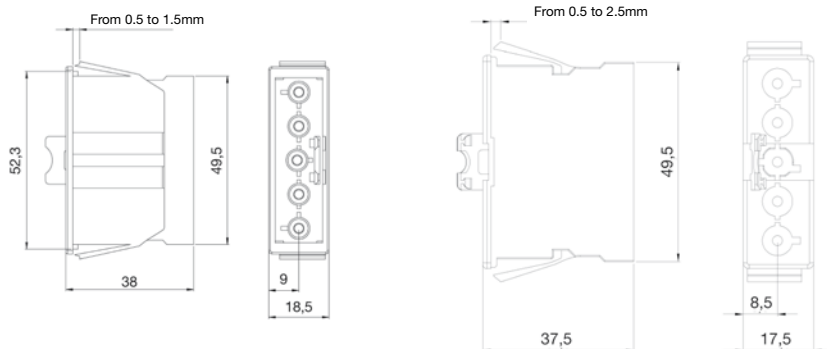


5 POLES

Flush-mount connectors

Ref. CR5001/14

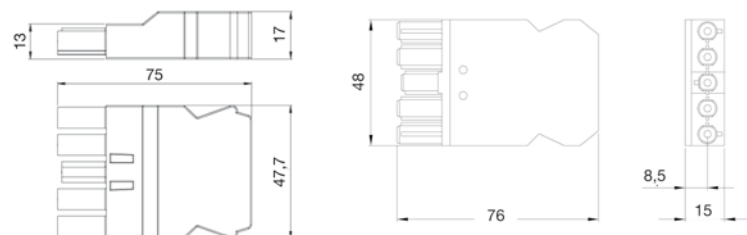
Ref. CR5002/14



Overhead connectors

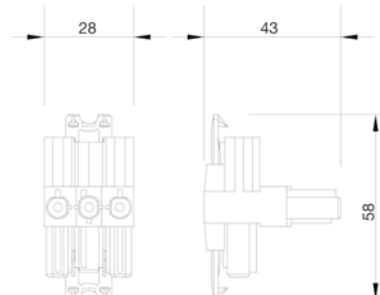
Ref. CR5004/14

Ref. CR5003/14



Junctions

Ref. CR7312/14



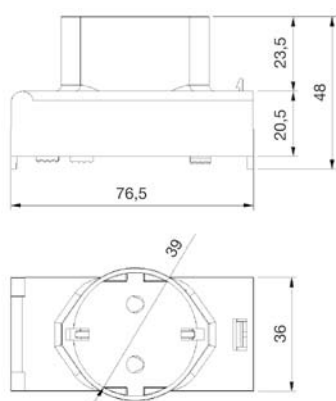
Measurements in mm

ELECTROBANDA

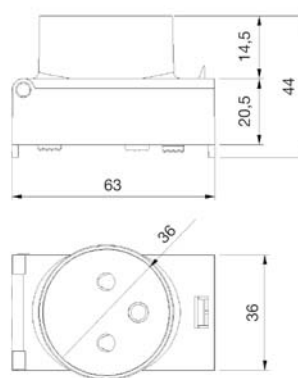
- Product designed in compliance with the UNE-EN-50.085-1 harmonised standard.
- Complies with the 2003 Low Voltage Electrotechnical Regulation, approved by R.D.842/2002.
- Compliant with Spanish ICT regulations according to Royal Decree 401/2003, section 8, "Safety requirements between installations".
- IP4X.
- Electrical Specifications: 16 A/250 V.

Electrical sockets

Schuko
Ref. [PEA124/9](#)



French
Ref. [PEA125/9](#)

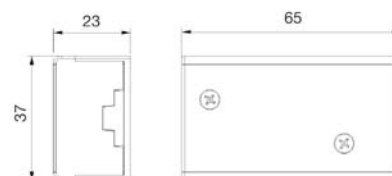


Wall-mount accessories

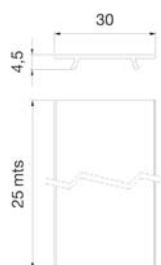
Ref. [PEA100/8](#)



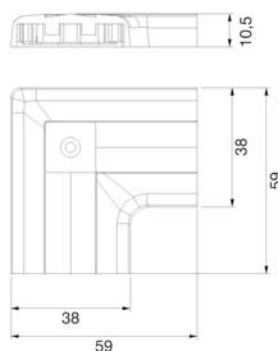
Ref. [PEA120/9](#)



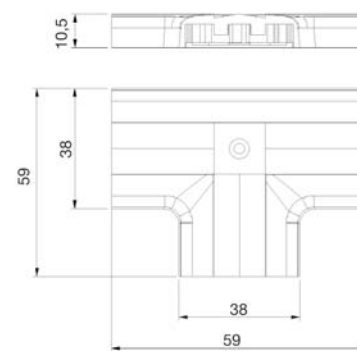
Ref. [PEA110/9](#)



Ref. [PEA101/9](#)



Ref. [PEA106/9](#)



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AC3325	37	ALK117/8	69	CF510ED8	135	CR0002/9	140
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AC80	45-85	ALK224/8	69	CF510N6	135	CR0003/6	140
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AL1115/9	33-35	ALK545/8	69	CH108	133	CR2010/6	141
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AL32P05/9	35	BC141/9	15	CL55U	132	CR2060/6	141
AL32P10/8	35	CB530F	131	CL60F	132	CR2060/9	141
AL32P10/9	35	CB530U	131	CL60U	132	CR2070/14	141
AL32P15/8	35	CB531F	131	CL61F	132	CR2070/6	141
AL32P15/9	35	CB531U	131	CL61U	132	CR2070/9	141
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S76C/8	43	S95CU/14	41	SBM31F/8	15	SM202/14	26
S76C/9	43	S95CU/8	41	SBM31F/9	15	SM202/9	21
S78/9	48	S95CU/9	41	SBM350	17	SM250	21
S80B/14	42	S96BF/14	41	SBM402/14	17	SM260	21
S80B/8	42	S96BF/8	41	SBM402/8	17	SM300/9	21
S80B/9	42	S96BF/9	41	SBM402/9	17	SM302/14	26
S80B95F/14	41	S96BU/14	41	SBM450	17	SM302/9	21
S80B95F/8	41	S96BU/8	41	SBMT202/14	17	SM350	21
S80B95F/9	41	S96BU/9	41	SBMT202/8	17	SM360	21
S80B95U/14	41	S96CF/14	41	SBMT202/9	17	SM400/9	21
S80B95U/8	41	S96CF/8	41	SBMT302/14	17	SM402/14	26
S80B95U/9	41	S96CF/9	41	SBMT302/8	17	SM402/9	21
S80B96F/14	41	S96CU/14	41	SBMT302/9	17	SM450	21
S80B96F/8	41	S96CU/8	41	SBMT402/14	17	SM460	21
S80B96F/9	41	S96CU/9	41	SBMT402/8	17	SM600/9	21
S80B96U/14	41	SAL100/14	33-35	SBMT402/9	17	SM602/9	21
S80B96U/8	41	SAL100/8	33-35	SC100/9	19	SM660	21
S80B96U/9	41	SAL100/9	33-35	SC200/9	19	SMAS/14	39
S80C/14	42	SAL150	33-35	SC300/9	19	SMAS/9	39
S80C/8	42	SBC01/14	15	SC400/9	19	SMN/14	39
S80C/9	42	SBC01/8	15	SC600/9	19	SMN/9	39
S80C95F/14	41	SBC01/9	15	SCM21F/9	19	SMS/14	39
S80C95F/8	41	SBC100/14	15	SCM31F/9	19	SMS/9	39
S80C95F/9	41	SBC100/8	15	SDS/14	39	ST400/9	31
S80C95U/14	41	SBC100/9	15	SDS/9	39	ST450/9	31
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S80C95U/9	41	SBC150/8	15	SF110/14	26	TC251/0	117
S80C96F/14	41	SBC150/9	15	SF170/1	27	TCA2501	117
S80C96F/8	41	SBC200/14	15	SF170/14	27	TF11172/8	115
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S80C96U/14	41	SBC200/9	15	SF210/1	26	TF11193/8	115
S80C96U/8	41	SBC250/14	15	SF210/14	26	TF21172/8	115
S80C96U/9	41	SBC250/8	15	SF270/1	27	TF21183/8	115
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S82B/9	43	SBC300/14	15	SF300C/1	23	TFA904418/8	115
S82C/14	43	SBC300/8	15	SF310/1	26	TFA904419/8	115
S82C/9	43	SBC300/9	15	SF310/14	26	TFA965417/8	115
S85B/14	43	SBC350/14	15	SF370/1	27	TFA965418/8	115
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Diputación, 390-392
08013 Barcelona (SPAIN)
Tel. +34 933 440 800
Fax +34 932 461 002
e-mail: export@simon.es
www.simon.es



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