Simon **K45**

CONNECTIVITY
FOR WORKPLACES

simon

Simon|K45

INSTALLATION SYSTEM SUITABLE FOR ALL ENVIRONMENTS

Designed for quick installation in any type of environment. The wide range of solutions helps converge electrical connectivity, protection, and voice, data and multimedia solutions that can be installed quickly by directly clipping the solutions to the enclosure, without the need for accessories or tools.

ENCLOSURES

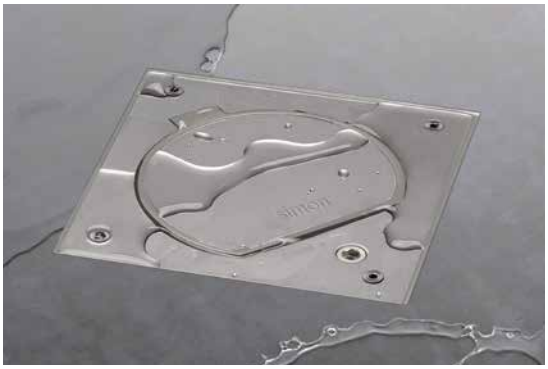
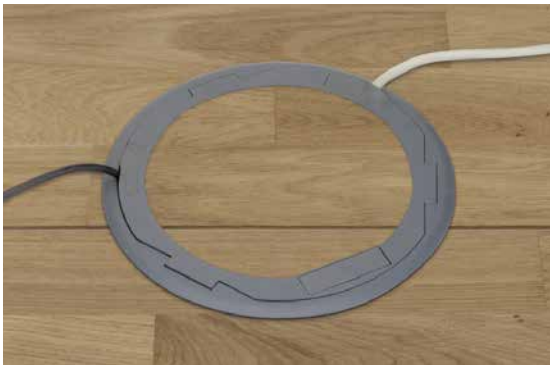
Floor boxes	4
Recessed into the floor	20
In furniture	28
Fixed and Recessed into the wall	42
Fixed to ceiling	46

WIRING DEVICES

Mechanisms and rockers	50
Bases and covers for socket outlets	54
Connectors and plates for voice and data connections	58
Mechanisms and plates for circuit protection	62
Connectors and plates for multimedia connections	64
Connectors and plates for quick connections	68
Other plates	70
Technical information	72

A WIDE RANGE FOR ALL NEEDS

Convergence of solutions for energy, voice, data, protection and multimedia in any type of wall, floor, ceiling or furniture installation. Carefully designed, high-quality enclosures prepared for daily use in spaces with high foot traffic.

FURNITURE - WALL - CEILING - FLOOR

INSTALLATION SYSTEMS
FLUSH-MOUNT IN THE FLOOR

Bureaux | Salles de réunion | Auditoriums | Universités | Musées | Hôtels

1 / Window with safety stop:
Preventing footsteps from damaging the cables

2 / Cable routing lid:
Protects connecting cables and allows their passage

3 / Protective foam:
Protects the inside of the box against the ingress of dust and small objects

4 / Maintenance:
The trim plates can be removed to facilitate maintenance of connections without removing the box

5 / Screw fastenings:
Maximum assembly strength

6 / Metal divider plate:
Electromagnetic immunity guaranteed for Voice, Data and Multimedia (VDM) installation

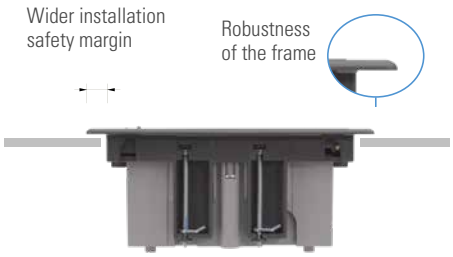
7 / More pre-punched holes with different diameters for inlet tube:
Available around the perimeter of the box

8 / Cable tie inlets:
Enabling tubes and cables to be fixed using cable ties, to prevent disconnection

9 / Space for installing the floor finish:
The lid has a space with a thickness of 6 mm to match the hinged lid to the floor finish (carpet, parquet or other finishes)

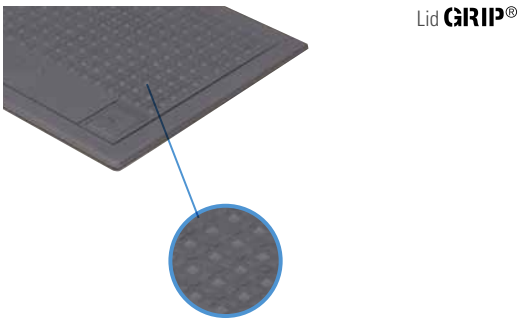
STRONGER

Larger frame area to provide an extra margin of support.
Corrects possible deviations generated during cutting the gap, also offering greater box stiffness.



GRIP® COVER

Trim cover finished with a concept combining differentiated design with functionality.
Its unique texture gives it non-slip properties, combining an attractive modern design while hiding chance scratches.

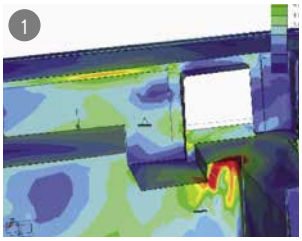


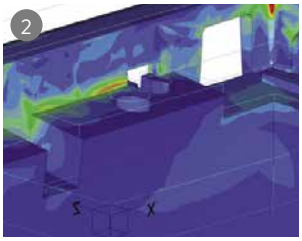
INTEGRATED DESIGN

Clean, compact design with new more stylish and minimalist lines.
The shapes come together in a single surface.

HIGHER MAXIMUM LOAD

Internal improvements to ensure higher load and compliance above the standard.
Simulation of the weak load points in the previous floor box (Fig. 1), and the results obtained with the new Simon 500 CIMA range of floor boxes (Fig. 2).





CABLE ROUTING LID ADAPTATION

The cable routing lid protects and allows the routing of the connecting cables. The improvements to its components allow cable routing with a convenient levelling of the lid when there are no protruding cables.

CONVENIENT OPENING SYSTEM

Opening the box is achieved by pulling both tabs at the same time, providing a satisfying feel with minimum effort.
This protection system minimises tampering.

	RAL 7011	RAL 7021
FINITION ▶	-035 /1 Gris	-038 /14 Graphite

ADJUSTABLE DEPTH FLOOR BOXES

RAISED FLOOR INSTALLATION – Depth adjustable from 90 mm to 120 mm

ART. NO.		DESCRIPTION
KF210	/1 **/14**	2 modules
KF410	/1 **/14**	4 modules
KF610	/1 **/14**	6 modules
KF810	/1 **/14**	8 modules
KF1210	/1 **/14**	12 modules

+TRIM COVER

52053101	**-038** -035	1 double module
52053102	**-038** -035	2 double modules
52053103	**-038** -035	3 double modules
52053104	**-038** -035	4 double modules
52053106	**-038** -035	6 double modules

O opcional

ACCESSORIES

MECHANISM-HOLDER FRAME

ART. NO.		DESCRIPTION
52051801	-030 **-038**	1 double module
52051802	-030 **-038**	2 double modules
52051803	-030 **-038**	3 double modules
52051804	-030 **-038**	4 double modules

Simon adjustable floor boxes incorporate white finish mechanism-holder frame

SPARE PARTS

HINGED LID

ART. NO.		DESCRIPTION
RSF001	/1 **/14**	1 double module
RSF002	/1 **/14**	2 double modules
RSF003	/1 **/14**	3 double modules
RSF004	/1 **/14**	4 double modules
RSF006	/1 **/14**	6 double modules

ADJUSTABLE DEPTH FLOOR BOXES

CONCRETE FLOOR INSTALLATION – Adjustable Depth 70 mm to 100 mm

With plastic tray (end connection)

ART. NO.		DESCRIPTION
KF270	/1 **/14**	2 modules
KF470	/1 **/14**	4 modules
KF670	/1 **/14**	6 modules
K870	/1 **/14**	8 modules
KF1270	/1 **/14**	12 modules

+PLASTIC TRAY

52052101	-038 -035	1 double module
52052102	-038 -035	2 double modules
52052103	-038 -035	3 double modules
52052104	-038 -035	4 double modules
52052106	-038 -035	6 double modules

+TRIM COVER

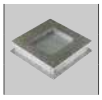
52053101	-038 -035	1 double module
52053102	-038 -035	2 double modules
52053103	-038 -035	3 double modules
52053104	-038 -035	4 double modules
52053106	-038 -035	6 double modules

O opcional

With metal tray (for connecting branches)

ART. NO.		DESCRIPTION
KF670	/1 **/14**	6 modules
KF870	/1 **/14**	8 modules
KF1270	/1 **/14**	12 modules

+METAL TRAY



52052203	-035	3 double modules
52052204	-033	4 double modules
52052206	-033	6 double modules

+TRIM COVER

52053103	-038 -035	3 double modules
52053104	-038 -035	4 double modules
52053106	-038 -035	6 double modules

O opcional

INSTALLATION SEQUENCE **IN CONCRETE FLOORS**

Installation in concrete floors needs to be carried out using plastic or metal tray

Using plastic tray
The whole space in the tray is occupied by the floor box. Cable entry can be performed through a corrugated tube or floor trunking.

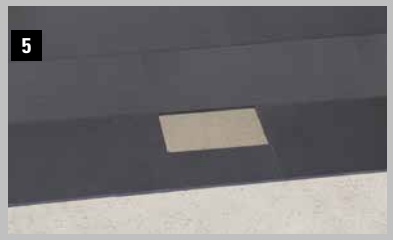
Using metal tray
Availability of space between the floor box and the tray for passage of cables or tubes. Cable entry is through floor trunking.

Trim the trunking entries

Insert the trunking and screw to the floor

Level with screws

Cement



Fit the lining

Remove the protective cover

INSTALLATION SYSTEMS
FLUSH-MOUNT IN THE FLOOR

ACCESSIBLE SPACE

Service boxes provide accessible space for access to the installation's cables or connections.

SERVICE LID IN RAISED FLOOR

Installing service lids in raised floors gives access to the inside of the installation.

GROMMET FOR RAISED FLOORS (Ø102 MM)

Allows cable passage from below the raised floor to the surface. Once closed, prevents ingress of dust or other elements

FINITION ▶	RAL 7021 -038 /14 Graphite	-033 /8 Aluminium	RAL 7011 -035 Gris

INSTALLATION IN RAISED FLOOR

SERVICE LID

ART. NO.		DESCRIPTION
52054101	-038 -035	Space equivalent to 1 double module
52054102	-038 -035	Space equivalent to 2 double modules
52054103	-038 -035	Space equivalent to 3 double modules
52054104	-038 -035	Space equivalent to 4 double modules
52054106	-038 -035	Space equivalent to 6 double modules

+ TRIM COVER

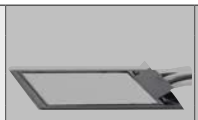
52053101	-038 -035	1 double module
52053102	-038 -035	2 double modules
52053103	-038 -035	3 double modules
52053104	-038 -035	4 double modules
52053106	-038 -035	6 double modules

O opcional

GROMMET FOR RAISED FLOORS OR FURNITURE (Ø102 mm)

ART. NO.		DESCRIPTION
52055000	-030 -038 -033	Allows cable passage from below the raised floor to the surface. Once closed, prevents ingress of dust or other elements

CONFIGURATION EXAMPLE



	QTY.	ART. NO./FINISH	DESCRIPTION
ENCLOSURE	1	**52054103 -038**	Service lid equivalent to 3 double modules, graphite

INSTALLATION IN CONCRETE FLOOR

PLASTIC SERVICE BOXES – Depth adjustable from 80 to 110 mm
(Trays for 3 and 4 double modules enable adjustment up to 130 mm)

ART. NO.		DESCRIPTION
52054101	-038 -035	Space equivalent to 1 double module
52054102	-038 -035	Space equivalent to 2 double modules
52054103	-038 -035	Space equivalent to 3 double modules
52054104	-038 -035	Space equivalent to 4 double modules
52054106	-038 -035	Space equivalent to 6 double modules

+ PLASTIC TRAY

52052101	-038 -035	1 double module
52052102	-038 -035	2 double modules
52052103	-038 -035	3 double modules
52052104	-038 -035	4 double modules
52052106	-038 -035	6 double modules

+ TRIM COVER

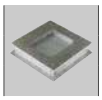
52053101	-038 -035	1 double module
52053102	-038 -035	2 double modules
52053103	-038 -035	3 double modules
52053104	-038 -035	4 double modules
52053106	-038 -035	6 double modules

O opcional

METAL TRAYS- Depth adjustable from 75 to 90 mm

ART. NO.		DESCRIPTION
52054103	-038 -035	Space equivalent to 3 double modules
52054104	-038 -035	Space equivalent to 4 double modules
52054106	-038 -035	Space equivalent to 6 double modules

+METAL TRAY



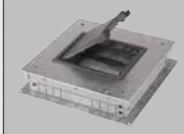
52052203	-033	3 double modules
52052204	-033	4 double modules
52052206	-033	6 double modules

+TRIM COVER

52053103	-038 -035	3 double modules
52053104	-038 -035	4 double modules
52053106	-038 -035	6 double modules

O opcional

CONFIGURATION EXAMPLE **IN CONCRETE FLOOR**



	QTY.	ART. NO./FINISH	DESCRIPTION
ENCLOSURE	1	**52052203** -033	Metal tray for 3 double modules
	1	**52054103** -038	Service lid, 3 double modules, graphite
	1	**52053103** -038	Trim cover for hinged lid, 3 double modules, graphite

INSTALLATION SYSTEMS RECESSED INTO THE FLOOR

Offices | Meeting rooms | Educational centres | Libraries | Conference centres | Museums

THE PERFECT SOLUTION FOR SHALLOW FLOORS

1 / Trim
For a perfect finish (optional)

2 / Cover
The cover has a thickness of 6 mm to customize the hinged cover with the floor finish (carpet, parquet or other finishes). With 3 opening positions (box with 3 double modules) and 2 separate rubber grommets.

3 / Versatile pre-punched holes
The mechanism-holders have punched holes for 10 mm and 20 mm tubes and two spaces for threading voice and data cabling.

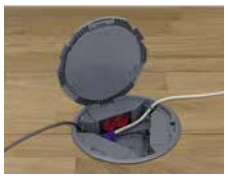
4 / Mechanism-holders
Plug&Play mechanism-holders modules that allow quick and easy installation.

5 / Shallow
Perfect solution for shallow floors.

6 / Concrete floor tray
Required element for concrete floor installation. It is not required for raised floor installation.

SHALLOW
The perfect solution for shallow floors, raised or pavement.

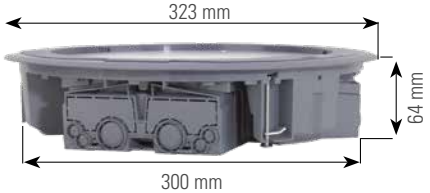
INTEGRATES INTO ANY SPACE
The angle of the mechanisms allows the cover to be closed with the box connected, concealing the connections



COMPATIBLE WITH HIGHER CATEGORIES
Thanks to the angle of the mechanisms and the pre-punched inlet holes, there are no bends in the Voice, Data and multimedia cabling.

ADJUSTABLE TO CHANGES IN OFFICE FURNITURE
Thanks to the two separate cable outlets and the different opening positions of the cover, it can be adapted to changes in furniture location.

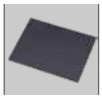
Art. No.
KF300C/1



SHALLOW FLOOR BOXES

SQUARE FLOOR BOXES

ART. NO.		DESCRIPTION
KF200	/1	K45 4 wide mechanisms and 2 narrow mechanisms

+TRIM COVER 

52053202-035 O opcional

ROUND FLOOR BOXES

ART. NO.		DESCRIPTION
KF300C	/1	K45 6 wide mechanisms and 3 narrow mechanisms

+TRIM COVER

52053203-035 O opcional

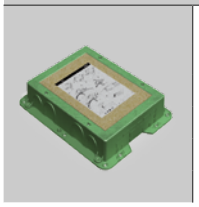
SQUARE FLOOR BOXES

ART. NO.		DESCRIPTION
KF400	/1	K45 8 wide mechanisms and 4 narrow mechanisms

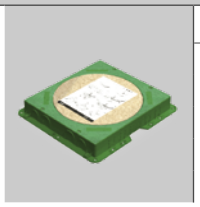
+TRIM COVER

52053204-035 O opcional

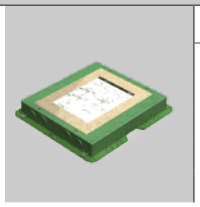
CONCRETE FLOOR TRAYS



ART. NO.	DESCRIPTION
G201	For reference KF200 /1



ART. NO.	DESCRIPTION
G301C	For reference KF300C /1



ART. NO.	DESCRIPTION
G401	For reference KF400 /1

CONFIGURATION EXAMPLE **CONCRETE FLOOR INSTALLATION**

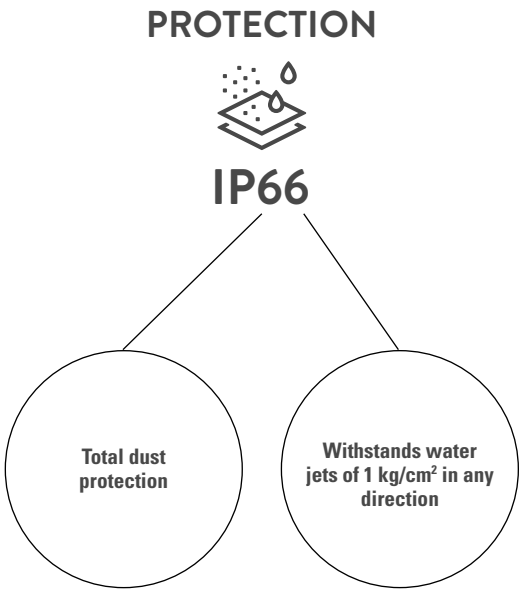
	QTY	ART.NO./FINISH	DESCRIPTION
ENCLOSURE	1	**KF300C/1**	K45 Circular floor box for 6 wide mechanisms and 3 narrow mechanisms
	1	**52050203-035**	Trim cover for circular floor box 500 Cima grey
	1	**G301C**	K45 Concrete floor tray for round floor box
ELECTRICAL SOCKETS AND PLATES	2	**K01/14**	K45 German socket outlet with safety shutter, graphite
	2	**K01/6**	K45 German socket outlet with safety shutter, red
	2	**KB96U/14**	K45 Flat voice and data plate with 2 RJ45 Cat 6 UTP connectors and frame, graphite

INSTALLATION SYSTEMS RECESSED INTO THE FLOOR

Direct snap-fit | Airports | Shopping centres | Conference centres | Hotels | Sports centres | Terraces

In open-plan outdoor areas, casual connections are often available, which require additional protection against high foot traffic or when exposed to inclement weather. When closed, the IP66 rating keeps the solutions fully isolated from knocks and external elements like dust, liquids and humidity.

PREPARED FOR HARSH ENVIRONMENTS



CAN BE COMBINED WITH SIMON 44 AQUA SEALED WALL BOXES

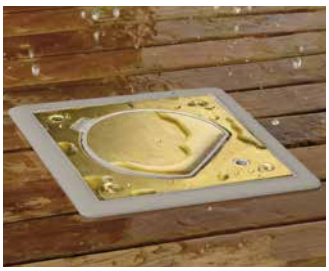
ONE TRAY FOR EACH FLOOR TYPE

Raised floor

Concrete

SEALED FLOOR BOX FOR INSTALLATION IN RAISED FLOOR

For installation in garden and **terrace raised flooring, wood flooring, parquet,** etc.



The bevelled tray fastens the box and prevents possible installation defects.

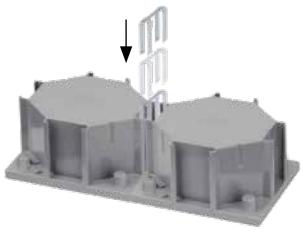
Installation using fastening claws, which ensure anchoring to the box.

SEALED FLOOR BOX FOR INSTALLATION IN PAVEMENT

Allows flush-mount installation of the box in **all types of pavement (porcelain stoneware, terrazzo, ceramic, etc.).**

Floor box groupings

Option to group the boxes around the entire perimeter of the tray to allow more than one connection point.



A MECHANISM HOLDER FOR EVERY ENVIRONMENT

Security lock
Ideal to restrict access to connections
In public spaces

Manual closure
Suitable for less demanding environments

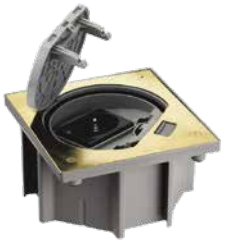
IP66 SEALED FLOOR BOXES- FEATURES

REINFORCED COVER
Cover reinforced against lateral impact.

Brass

Stainless steel.

MAXIMUM STRENGTH
When connected, it supports foot traffic and protects the cable from pressure and tension.
When closed, it supports a maximum load of 1,000 kg.



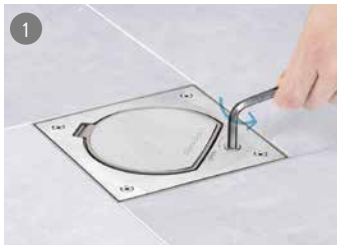
SECURITY COVER
The hinge opens less than 90°, which **keeps it from being accidentally left open** and posing a trip hazard.

ELECTRICITY, VOICE AND DATA IN A SINGLE BOX
Wide range of mechanism holders that incorporate a German socket outlet and an RJ45 connector, or the housing for installing it.

PROTECTIVE FILM.
The frame of the mechanism holder has a **protective film** to keep it clean and to protect it from being damaged during installation.

INSTALLATION SYSTEM
The design of the tray allows installation of a tube to drain any condensation from the interior. The tray is supplied with a wooden cover to prevent aggregates entering during installation.

SECURITY LOCK, OPENING AND CLOSING SYSTEM

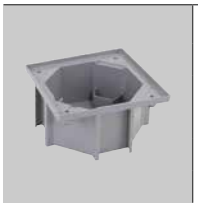


TRAYS

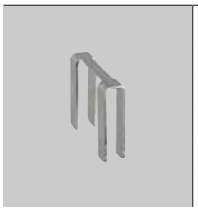
RAISED FLOOR INSTALLATION

ART. NO.	DESCRIPTION
KGE170TF /23	Watertight tray for recessing in a raised floor, grey

CONCRETE FLOOR INSTALLATIONS



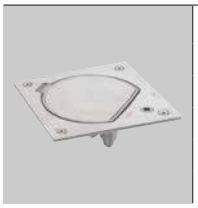
ART. NO.	DESCRIPTION
KGE170 /23	Watertight tray for flush mounting into concrete floor, grey



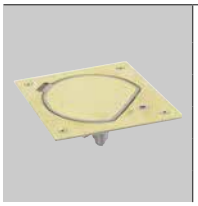
ART. NO.	DESCRIPTION
ACSE	Accessory for joining watertight trays for recessing into a concrete floor

MECHANISM HOLDERS, COMPATIBLE WITH BOTH TRAYS

WITH SECURITY LOCK



ART. NO.	DESCRIPTION
KSE1SEC/23 /72	With German socket outlet
KSE0SEC/23 /72	For K45 solution
KSE15USEC/23 /72	With German socket outlet and 1 cat. 5e UTP RJ45 connector



ART. NO.	DESCRIPTION
KSE1SEC/23 /71	With German socket outlet
KSE0SEC/23 /71	For K45 solution
KSE15USEC/23 /71	With German socket outlet and 1 cat. 5e UTP RJ45 connector

WITH MANUAL CLOSURE

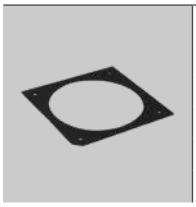
ART. NO.	DESCRIPTION
KSE15U/23 /72	With German socket outlet and 1 cat. 5e UTP RJ45 connector
KSE1/23 /72	With German socket outlet
KSE4/23	With British socket outlet
KSE0/23 /72	For K45 solution
KSE16U/23 /72	With German socket outlet and 1 cat. 6 UTP RJ45 connector
KSE10U/23 /72	With German socket outlet and Housing for 1 RJ45 connector with keystone snap-fit

FINISH ▶ /71 Brass | /72 Stainless steel

ART. NO.	DESCRIPTION
KSE15U/23 /71	With German socket outlet and 1 cat. 5e UTP RJ45 connector
KSE1/23 /71	With German socket outlet
KSE4/23 /71	With British socket outlet
KSE0/23 /71	For K45 solution
KSE16U/23 /71	With German socket outlet and 1 cat. 6 UTP RJ45 connector
KSE10U/23 /71	With German socket outlet and Housing for 1 RJ45 connector with keystone snap-fit

REPLACEMENTS

ART. NO.		DESCRIPTION
RKS001	/72 /71	Cover for watertight floor box



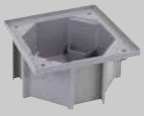
ART. NO.	DESCRIPTION
RKS003	Square sealing gasket

ART. NO.	DESCRIPTION
RKS004	Circular sealing gasket

ART. NO.		DESCRIPTION
RKS005	/72 /71	Pack of 4 screws for securing brass mechanism-holder

Example of concrete floor configuration

Concrete floor tray



KGE170 /23

+

Mechanism holders with Security lock

KSE1SEC/23 /72

=

Box set for floor, watertight

Watertight floor box with security lock and German socket outlet. Stainless steel finish.

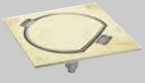
Configuration example of raised floor

Tray for raised floor

KGE170TF /23

+

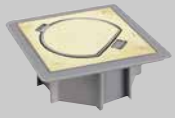
Mechanism holders with manual closure



KSE15U/23 /71

=

Box set for floor, watertight



Watertight floor box for raised floor with 1 German socket outlet and 1 cat. 5e UTP RJ45 connector. Brass finish.

simon
OPEN

DEMANDING ENVIRONMENT SOLUTIONS

Direct snap-fit | Airports | Shopping centres | Sports centres | Industrial facilities | Warehouses | Mechanical workshops

Maximum strength: The combination of the aluminium structure hardened with epoxy coating and coated with a thick stainless steel frame provides a balance of mechanical strength and appearance.

CLIPPING K45 SOLUTIONS

Compatible with every function in the range: electrical socket outlets, protective elements, plates for V&D and multimedia.

VOICE, DATA AND MULTIMEDIA INSTALLATION

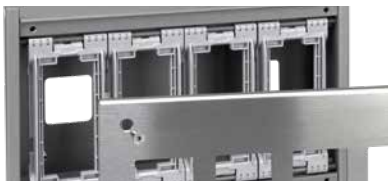
The enclosures are **57 mm deep**, to accommodate the bending radius and to facilitate cable routing during installation.

RESTRICTED ACCESS TO THE CONNECTIONS

The lockable protective cover restricts access to the connections and **ensures that the cabling is routed to the electrical devices** (vending machines, printers, etc.).

ATTACHMENT TO THE FRAME

Allen stainless steel screws are used for security (requiring a specific wrench to disassemble it), and its design is perfectly flush with the structure.



EASY INSTALLATION AND MAINTENANCE

Individual frame holders that clip onto the bracket and, using linkable parts, **can formed into blocks,** separating the electrical components from the voice and data components.

CAN BE COMBINED WITH SIMON 27 SCUDO

IK10

WALL BOXES

SURFACE-MOUNTED*

ART. NO.		DESCRIPTION
KM301	/8	3 double modules for installation of 6 wide K45 mechanisms
KM401	/8	4 double modules for installation of 8 wide K45 mechanisms
KM601	/8	6 double modules for installation of 12 wide K45 mechanisms

*The protective cover may be installed with cylinder **KMA301** /8 or **KMA401** /8 in boxes with 3 or 4 double modules
Upon request, boxes with 1 or 2 double modules may be ordered

RECESSED*

ART. NO.		DESCRIPTION
KTC300	/8	3 double modules for installation of 6 wide K45 mechanisms
KTC400	/8	4 double modules for installation of 8 wide K45 mechanisms
KTC600	/8	6 double modules for installation of 12 wide K45 mechanisms

*The protective cover may be installed with cylinder **KMA301** /8 or **KMA401** /8 in boxes with 3 or 4 double modules
Upon request, boxes with 1 or 2 double modules may be ordered

WALL BOX ACCESSORIES

PROTECTIVE COVER

ART. NO.		DESCRIPTION
KMA301	/8	Protective cover with cylinder for surface-mount and recessed boxes with 3 double modules
KMA401	/8	Protective cover with cylinder for surface-mount and recessed boxes with 4 double modules

MINI TOWERS

1 SIDE*

ART. NO.		DESCRIPTION
KT0800	/8	4 double modules for installation of 8 wide K45 mechanisms
KT0100	/8	5 double modules for installation of 10 wide K45 mechanisms

*The protective cover may be installed with cylinder **KTA802** /8 in the mini tower with 4 double modules

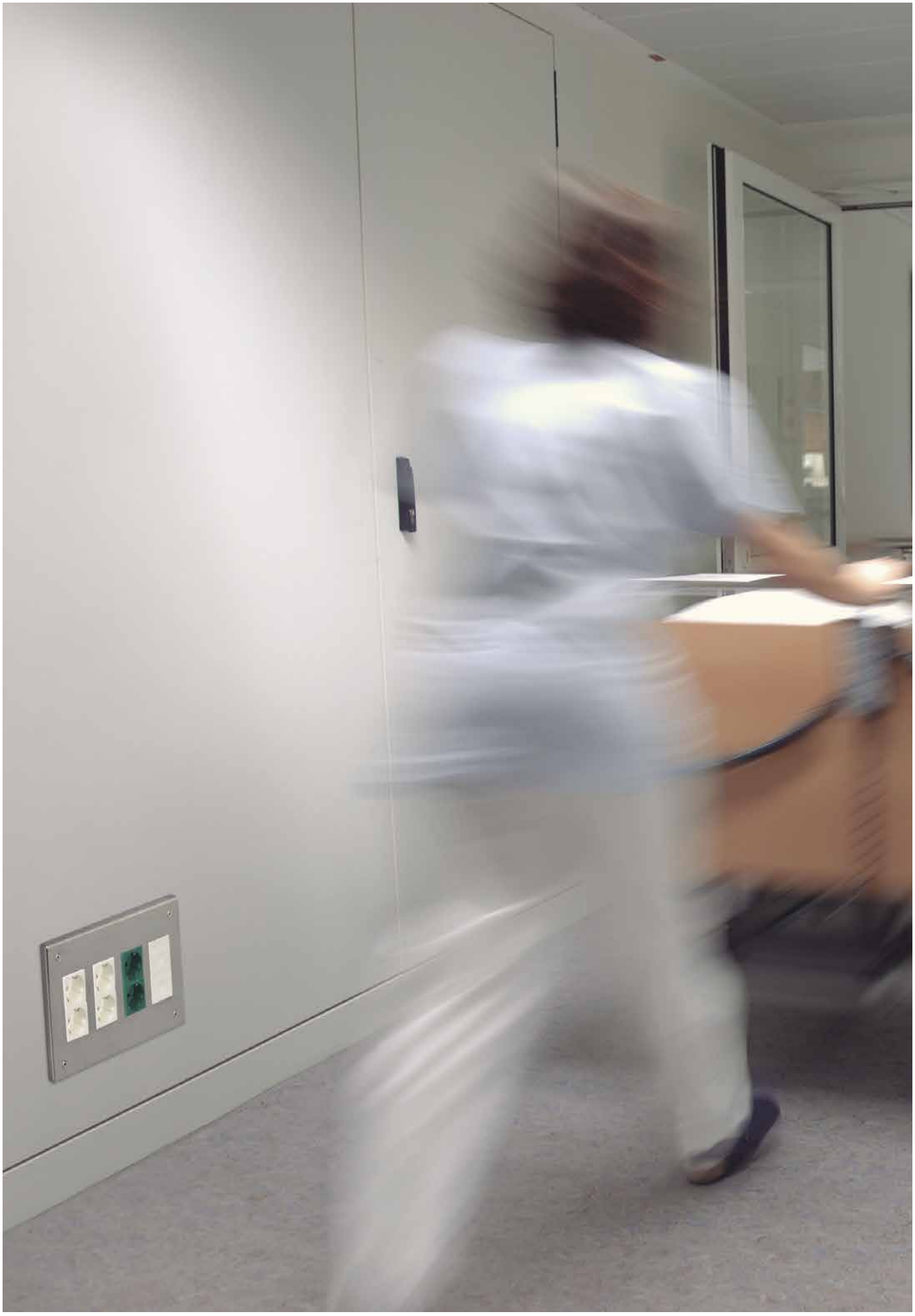
MINI TOWER ACCESSORIES

PROTECTIVE COVER

ART. NO.		DESCRIPTION
KTA802	/8	Protective cover with cylinder for mini tower with 4 modules

Configuration Example

	QTY	ART.NO./FINISH	DESCRIPTION
ENCLOSURE	1	**1 KTC300 /8**	K45 Metallic recessed wall box for 6 wide mechanisms
ELECTRICAL SOCKETS AND PLATES	2	**K11 /14**	K45 German socket outlet with fast terminal connection, graphite
	2	**K11 /6**	K45 German socket outlet with fast terminal connection, red
	2	**AC11**	Connection block for linking K45 fast terminal connection electrical sockets
	2	**KB96U /14**	K45 Flat voice and data plate with 2 RJ45 cat. 6 UTP connectors, graphite



SURFACE-MOUNTED FLOOR INSTALLATION SYSTEMS

Direct snap-fit | Offices | Laboratories | Universities | Educational centres | Libraries | Homes

SOLUTIONS FOR RAISED OR CONCRETE FLOORS

4 K45 MINI COLUMN MODELS

Simplicity
- 1 side

Compactness
- 1 side for VDM
- 1 side for electrical sockets (Art. No. K01/..)

Maximum capacity
- 4 sides for 4 workstations

Appearance
- 2 oval sides for 2 workstations

POWER

The K45 anodised aluminium mini columns are installed directly on the floor using the attachment feet and are powered through cabling recessed into the floor or under the raised flooring

INSTALLATION

With **a single item number**, the Simon K45 mini column is supplied with everything needed for its installation: the foot for attaching it to the floor, a top cover, side panels and other miscellaneous materials.

POWER SUPPLY THROUGH FLOOR TRUNKING

The ALKA02/8 adaptor allows K45 mini-columns to be installed in the floor trunking baseboard and powered via 85x18 and 130x18 mm floor trunking.

MINI COLUMNS

1 SIDE 70x60 mm

ART. NO.		DESCRIPTION
ALK115	/8	5 wide K45 mechanisms
ALK116	/8	6 wide K45 mechanisms
ALK117	/8	7 wide K45 mechanisms

2 OVAL SIDES 110x80 mm

ART. NO.		DESCRIPTION
ALK724	/8	4 wide K45 mechanisms per side
ALK725	/8	5 wide K45 mechanisms per side
ALK726	/8	6 wide K45 mechanisms per side

2 SQUARE SIDES 80x80 mm*

ART. NO.		DESCRIPTION
ALK224	/8	4 wide K45 mechanisms per side
ALK225	/8	5 wide K45 mechanisms per side
ALK227	/8	7 wide K45 mechanisms per side

*Designed for electrical sockets with screw terminal connection on 1 side and VDM on the opposite site.
Does not allow installation of protection elements in either compartment.

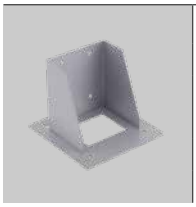
4 SIDES 125x120 mm*

ART. NO.		DESCRIPTION
ALK544	/8	4 wide K45 mechanisms per side
ALK545	/8	5 wide K45 mechanisms per side
ALK546	/8	6 wide K45 mechanisms per side

*Does not allow electrical sockets with fast terminal connection on 2 of the 4 sides. No limitations for the other mechanisms.

REPLACEMENTS

INVISIBLE FIXED BASE



ART. NO.		DESCRIPTION
RALK005	/8	1 side ALK11x/ 8

ART. NO.		DESCRIPTION
RALK006	/8	2 oval sides ALK72x/ 8

FINISH ▶ /8 Anodised aluminium

ART. NO.		DESCRIPTION
RALK007	/8	2 square sides ALK22x/ 8

ART. NO.		DESCRIPTION
RALK008	/8	4 sides ALK54x/ 8

END COVER*

ART. NO.		DESCRIPTION
RALK009	/8	1 side ALK11x/ 8

ART. NO.		DESCRIPTION
RALK010	/8	2 oval sides ALK72x/ 8

ART. NO.		DESCRIPTION
RALK011	/8	2 square sides ALK22x/ 8

ART. NO.		DESCRIPTION
RALK012	/8	4 sides ALK54x/ 8

* All end covers for K45 mini columns come in grey

K45 ACCESSORIES AND INSTALLATION ACCESSORIES

ART. NO.	DESCRIPTION
K66	**Adaptor mechanisms** K45 90° positioner for VDM plate

ART. NO.	DESCRIPTION
K106A/..	**Protection** K45 miniature circuit breaker

ART. NO.		DESCRIPTION
K107A	/8 /9 **/14**	10 A MCB-RCCB with sensitivity IΔN of 10 mA with K45 plate for 1 wide mechanism

ART. NO.	DESCRIPTION
K100B/..	**Multimedia plates** Plate with 1 VGA connector

ART. NO.	DESCRIPTION
K11/..	**Electrical sockets** Fast terminal connection

ART. NO.	DESCRIPTION
KB95U/..	**V&D Plates** V&D Plates with RJ45 connectors

Configuration example for wiring access through floor trunking

	QTY	ART.NO./FINISH	DESCRIPTION
ENCLOSURE	1	**ALK227/8**	K45 mini column, 2 square sides, 80x80 mm for 7 wide mechanisms K45 through side
ELECTRICAL SOCKETS AND PLATES	4	**K01/9**	K45 German socket outlet, white
	1	**KF04/9**	K45 plate with two-pole circuit breaker, 10 A, C Curve, white
	1	**KB8096U/9**	K45 V&D angled plate with 2 RJ45 connectors, cat. 6 UTP, white
	1	**K66**	K45 90° positioner for VDM plate
	1	**K101B/9**	K45 multimedia plate with 2 RCA audio connectors, white. Screw connection
	1	**K128B/9**	K45 multimedia plate with 1 female Type-A USB connector. Screw connection
	1	**K122/9**	K45 multimedia plate with 1 male or female XLR connectors, white
	1	**KTA804/8**	Floor trunking baseboards
	1	**ALKA02/8**	Baseboard adaptor
	1	**TF11172/8**	Aluminium trunking for floor

Configuration Example
Wiring access through recessed tubes

	QTY	ART.NO./FINISH	DESCRIPTION
ENCLOSURE	1	**ALK115/8**	K45 mini column, 1 side, 70x60 mm for 5 wide K45 mechanisms
ELECTRICAL SOCKETS AND PLATES	2	**K11/9**	K45 German socket outlet Fast terminal connection, white
	2	**K11/6**	K45 German socket outlet Fast terminal connection, red
	2	**AC11**	Connection block for linking K45 fast terminal connection electrical sockets
	1	**KB96U/9**	K45 V&D flat plate with 2 RJ45 connectors, cat. 6 UTP, white
	1	**K66**	K45 90° positioner for VDM plate

FURNITURE INSTALLATION SYSTEMS

Direct snap-fit | Offices | Auditoriums | Hotels | Meeting rooms | Wi-Fi area | Kitchens

RESOLVES ANY TEMPORARY CONNECTION NEEDS, BY ADAPTING TO ANY TYPE OF FURNITURE

INCLUDES ALL NECESSARY MATERIALS

The Teleblock K45 comes with 1 wide blind cover, 2 narrow blind covers, a metal divider plate, an insertion ring (push-pull or gas cylinder), a fastening thread and all the necessary screws.
(The cover and the trim frame are supplied separately).

AUTOMATIC LIFTING

Also available with manual lifting system

Open

Closed

MAXIMUM INTEGRATION
Once connected and closed, it integrates perfectly into the furniture, concealing the connections and serving as a cable grommet.

PERFECT ALIGNMENT
Joining profiles achieve perfect alignment that's quick and doesn't require tools.

DIVERSE CABLE ACCESS POINTS

K19/14
Plate for tube entrance

K19/14
Cable gland plate

TC250/0
Cable > manager

KB18A/14
K121A/14
K121B/14
Fast-connection connectors

K18/14
Plates for quick-connection electric connectors

K305A/14
IEC 320 Connection

K20/14
Combination plate for electrical and voice/data cabling

RAL 7021

FINISH ▶ /31 Matt chromed | /8 Aluminium | /14 Graphite

TELEBLOCKS FOR CONFIGURATION

ART. NO.	DESCRIPTION
KTL202	2 K45 wide mechanisms with manual lifting
KTL203	3 K45 wide mechanisms with manual lifting
KTL204	4 K45 wide mechanisms with manual lifting
KTLE205	5 K45 wide mechanisms with automatic lifting
KTL205	5 K45 wide mechanisms with manual lifting
KTL206	6 K45 wide mechanisms with manual lifting

+COVER AND TRIM FRAME

KTLA1 /14

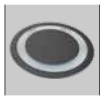
KTLA1 /31

ASSEMBLED AND WIRED TELEBLOCKS

ART. NO.	DESCRIPTION
KTLE216U	Includes 2 graphite German socket outlets, 2 red German socket outlets and 2 RJ45 CAT 6 UTP connectors. Automatic lifting.*
KTL216U	Includes 2 graphite German socket outlets, 2 red German socket outlets and 2 RJ45 CAT 6 UTP connectors. Manual lifting.*
KTL212	Includes 2 graphite German socket outlets and 1 3x2.5 mm electrical patch cord with German socket outlet plug. Manual lifting

*Includes 2 3x2.5 mm^2 electrical patch chords, 2 m long, and German socket outlet plug and 2 voice and data patch cords, cat. 6 UTP, 2 m long.

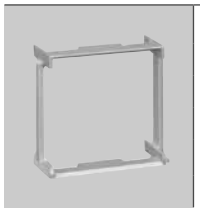
+COVER AND TRIM FRAME



KTLA1 /14

KTLA1 /31

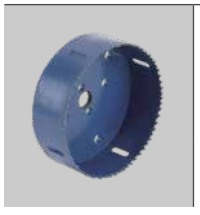
ACCESSORIES AND INSTALLATION ACCESSORIES



ART. NO.	DESCRIPTION
K66	90° positioner for columnar K45 plates or K45 vertical profiles.

ART. NO.		DESCRIPTION
TS10	/8 /14	Wire outlet Ø102 mm for table or raised floor

INSTALLATION TOOLS



ART. NO.	DESCRIPTION
H114	Annular cutter, 114 mm diameter, for Teleblock installation

ART. NO.	DESCRIPTION
H114U	Spindle for annular cutter H114

REPLACEMENTS for K45 TELEBLOCK, AUTOMATIC LIFTING

ART. NO.	DESCRIPTION
KTLA2	Gas cylinder for automatic lifting

ART. NO.	DESCRIPTION
KTLA7	Table fastening bracket for automatic lifting

REPLACEMENTS for K45 TELEBLOCK, MANUAL LIFTING

ART. NO.	DESCRIPTION
KTLA3	Push-pull module for manual lifting

ART. NO.	DESCRIPTION
KTLA4	Table fastening bracket for manual lifting

ART. NO.	DESCRIPTION
KTLA5	Top closure

ART. NO.	DESCRIPTION
KTLA6	Bottom closure

Configuration Example

	QTY	ART.NO./FINISH	DESCRIPTION
ENCLOSURE	1	**KTLE205**	K45 Teleblock for 5 wide K45 mechanisms, automatic lifting
	1	**KTLA1/14**	Cover and trim frame, graphite
ELECTRICAL SOCKETS AND PLATES	2	**K11/8**	K45 German socket outlet with fast terminal connection, aluminium
	1	**AC11**	Connection block for linking K45 fast terminal connection electrical sockets
	1	**K100B/8**	Plate for 1 K45 mechanism with 1 female VGA connector, aluminium. Screw connection
	1	**K66**	90° positioner for VDM K45 plates
	1	**KB8096U/14**	K45 voice and data plate, angled, with dust cover and 2 RJ45 CAT. 6 UTP, graphite
	1	**K20/8**	K45 Cable inlet plate with included retainer, aluminium
	1	**TC250/0**	Cable manager, Ø 25 mm and 2 m long

FURNITURE INSTALLATION SYSTEMS

Direct snap-fit | Offices | Libraries | Universities | Laboratories | Meeting rooms | Homes

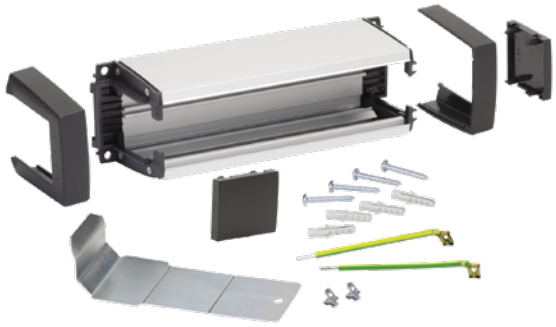
MODULARITY AND FLEXIBILITY

INSTALLATION OPTIONS

- Table-top
- Under-table
- Raised floor
- Wall mural
- Mural on a wall screen or furniture
- Metal surface with magnet
- DIN rail

INCLUDES ALL NECESSARY MATERIALS

Every Ofiblock Plus K45 is supplied with the aluminium bracket, frame holders, screws, a metal separator, two ground connections and two blind plates (for the front and side).

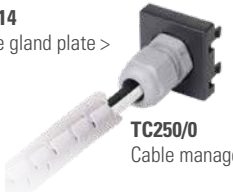


DIVERSE CABLE ACCESS POINTS

Quick connection.
Connectors and Patch Cords

K19/14
Tube inlet plate

K19/14
Cable gland plate >



TC250/0
Cable manager

K18/14
Plates for fast-connection connectors

K305A/14
IEC320 Connection

KB18A/14
K121A/14
K121B/14
Fast-connection connectors

K20/14
Combination inlet plate for electrical and voice/data cabling

K21/14
Mini-trunking inlet plate 20x30

K10/14
Cabling inlet

OFIBLOCK PLUS*

ART. NO.		DESCRIPTION
KFP101	/14	1 wide K45 mechanism
KFP102	/14	2 wide K45 mechanisms
KFP103	/14	3 wide K45 mechanisms
KFP104	/14	4 wide K45 mechanisms
KFP105	/14	5 wide K45 mechanisms
KFP106	/14	6 wide K45 mechanisms
KFP107	/14	7 wide K45 mechanisms
KFP108	/14	8 wide K45 mechanisms

* Wiring access plate not included

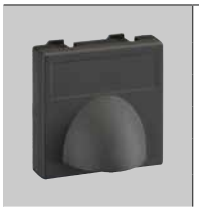
K45 MODULAR INLET PLATES

ART. NO.		DESCRIPTION
K19	/14	Tube or cable gland inlet Ø 22 mm (PG16)

ART. NO.		DESCRIPTION
K305A	/14	IEC320 Connection inlet

ART. NO.		DESCRIPTION
K20	/14	Combination cabling inlet: 2 Ø 13 mm cables and 4 Ø 6 mm cables

ART. NO.		DESCRIPTION
K21	/14	Mini-trunking inlet 20x30 mm



ART. NO.		DESCRIPTION
K10	/14	Cabling inlet.

RAL 7021

FINISH ▶ /14 Graphite

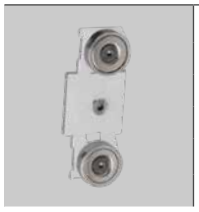
K45 OFIBLOCK FASTENING BRACKETS

ART. NO.	DESCRIPTION
KSF1	Individual or under table

ART. NO.	DESCRIPTION
KSF2	Tandem beneath raised floor

ART. NO.	DESCRIPTION
KSF3	Table-top

ART. NO.	DESCRIPTION
KSF5	DIN rail fastening



ART. NO.	DESCRIPTION
KSF6	Magnetic fastening (Requires 2 Ofiblock Plus units)

INSTALLATION ACCESSORIES

ART. NO.	DESCRIPTION
K105B/..	**Multimedia plates range** Plate with 3 RCA connectors

ART. NO.		DESCRIPTION
KTL8	/14	**Electrical patch cord**

ART. NO.		DESCRIPTION
52054106	**/03X**	**Raised floor access** Range of service box covers

RAL 7021

FINISH ▶ /0 Transparent | /8 Aluminium | /14 Graphite

ART. NO.	DESCRIPTION
K106A/..	**Protection** K45 miniature circuit breaker

ART. NO.		DESCRIPTION
TC250	/0	**Cable manager**

ART. NO.		DESCRIPTION
TS10	**/14** /8	**Raised floor access** Wire outlet

Configuration Example

	QTY	ART.NO./FINISH	DESCRIPTION
ENCLOSURE	1	**KFP103/14**	K45 Ofiblock Plus for 3 wide K45 mechanisms, graphite
ELECTRICAL SOCKETS AND PLATES	1	**K20/14**	K45 Cable inlet plate with included retainer, graphite
	1	**KB96U/14**	K45 Flat voice and data plate with 2 cat. 6 UTP connectors, graphite
	1	**K11/14**	K45 German socket outlet with fast terminal connection, graphite
	1	**AC11**	Connection block for linking K45 fast terminal connection electrical sockets
	1	**KSF3**	Ofiblock table-top fastening bracket
	1	**TC250/0**	Cable manager, Ø 25 mm and 2 m long

FURNITURE INSTALLATION SYSTEMS

Direct snap-fit | Offices | Auditoriums | Meeting rooms | Educational centres | Hotels | Homes

SIMPLY COMPACT

MULTIPLE LATERAL INLETS
- Quick connection
- Direct wire

SHARES ACCESSORIES WITH K45 OFIBLOCK PLUS
- Table-top
- Under-table
- Raised floor
- Wall mural or wall screen
- Metal surface with magnet
- DIN rail

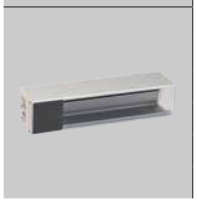
SUITABLE FOR RAISED FLOORS
Installation of sockets with **light indicator** under the floor, to easily locate connection points.
Ideal for low raised floors.

INCLUDES ALL NECESSARY MATERIALS
Every Ofiblock Compact K45 is supplied with an aluminium bracket, a blind side cover, a side cover for direct cable entry, screws and a blind front cover to facilitate internal cable routing.

CAN BE COMBINED WITH QUICK CONNECTION SYSTEMS
Optional side covers for quick connection inlets.

Quick and easy installation by direct clipping to K45 Solutions.

OFIBLOCK COMPACT*



ART. NO.		DESCRIPTION
KFC102	/9 **/14**	2 wide K45 mechanisms
KFC103	/9 **/14**	3 wide K45 mechanisms
KFC104	/9 **/14**	4 wide K45 mechanisms
KFC105	/9 **/14**	5 wide K45 mechanisms
KFC106	/9 **/14**	6 wide K45 mechanisms
KFC107	/9 **/14**	7 wide K45 mechanisms
KFC108	/9 **/14**	8 wide K45 mechanisms
KFC109	/9 **/14**	9 wide K45 mechanisms
KFC110	/9 **/14**	10 wide K45 mechanisms

*Includes lateral cover for direct cabling inlet

MODULAR INLET COVERS

ART. NO.		DESCRIPTION
ACFC01	/24	Side blind cover

ART. NO.		DESCRIPTION
ACFC02	/24	Direct cabling inlet lateral cover

ART. NO.		DESCRIPTION
ACFC03	/24	Lateral inlet cover, quick connection, individual

ART. NO.		DESCRIPTION
ACFC04	/24	Lateral inlet cover, quick connection, double

K45 OFIBLOCK FASTENING BRACKETS

ART. NO.	DESCRIPTION
KSF1	Individual or under table

ART. NO.	DESCRIPTION
KSF2	Tandem beneath raised floor

FINISH ▶ /0 Transparent

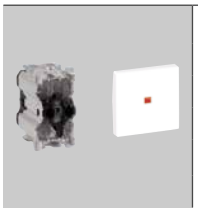
ART. NO.	DESCRIPTION
KSF3	Table-top

ART. NO.	DESCRIPTION
KSF4	Wall mural (requires 2 units for Ofiblock Compact)

ART. NO.	DESCRIPTION
KSF5	DIN rail fastening

ART. NO.	DESCRIPTION
KSF6	Magnet bracket (requires 2 units for Ofiblock Compact)

INSTALLATION ACCESSORIES



ART. NO.	DESCRIPTION
K302 + K112/..	**Switches** K45 2-way switch

ART. NO.	DESCRIPTION
K106A/..	**Protection** K45 miniature circuit breaker

ART. NO.	DESCRIPTION
52054106-...	**Raised floor access** Range of service box covers

ART. NO.	DESCRIPTION
TC250/0	**Cable manager**

ART. NO.	DESCRIPTION
K129B/..	**Multimedia plates** HDMI connector

ART. NO.		DESCRIPTION
TS10	/8 **/14**	**Raised floor access** Wiring outlet

Configuration Example

	QTY	ART.NO./FINISH	DESCRIPTION
ENCLOSURE	1	**KFC103/9**	K45 Ofiblock Compact with 3 wide K45 mechanisms, white
ELECTRICAL SOCKETS AND PLATES	1	**KB96U/9**	K45 Flat voice and data plate with 2 cat. 6 UTP connectors, white
	2	**K11/9**	K45 German socket outlet with fast terminal connection, white
	1	**AC11**	Connection block for linking K45 fast terminal connection electrical sockets
	1	**KSF3**	Ofiblock table-top compact bracket
	1	**TC250/0**	Cable manager, Ø 25 mm and 2 m long

FURNITURE INSTALLATION SYSTEMS

Direct snap-fit | Offices | Meeting rooms | Auditoriums | Hotels | Commercial premises | Homes

FUNCTIONAL DESIGN

With the OFIBLOCK LINE K45 frame, connections are perfectly integrated into furniture and accessible for use.

EASY TO INTEGRATE.

Rear cable inlets allow installation in any piece of furniture that is at least 10 mm wide.

EASY, SECURE INSTALLATION

The bracket fits into the frame from the back and stays securely in place thanks to the four locking tabs.

Allows solutions in different finishes /8 /9 /14

INTEGRAL DESIGN

Frame with straight lines and minimalist aesthetic that integrates into any piece of furniture.

OFIBLOCK LINE

ART. NO.		DESCRIPTION
KSF131	/8	1 wide K45 mechanism, polish chromed steel
KSF132	/8	2 K45 wide mechanisms, polish chromed steel
KSF134	/8	4 K45 wide mechanisms, polish chromed steel
KSF136	/8	6 K45 wide mechanisms, polish chromed steel

K45 OFIBLOCK PROFILE, BACK INLETS*
For furniture more than 10 mm thick

ART. NO.		DESCRIPTION
KFC131	/14	1 wide K45 mechanism and 2 wire outlets
KFC132	/14	2 wide K45 mechanism and 2 wire outlets
KFC134	/14	4 wide K45 mechanism and 4 wire outlets
KFC136	/14	6 wide K45 mechanism and 4 wire outlets
KFC1411	/14	With 1 German socket outlet base and fast-connection connectors
KFC1421	/14	With 2 German socket outlet bases and fast-connection connectors
KFC1422	/14	With 1 German socket outlet base, USB charger with Micro-USB patch cord and fast-connection connectors
KFC1446U	/14	With 3 K45 electrical sockets, 2 RJ45 connectors cat. 6 UTP, 1 2-meter 3x2.5 mm2 electrical patch cord, with German plug and 2 2-meter V&D patch cords

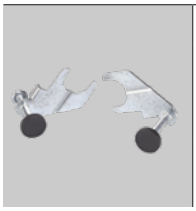
* Comes with profile, 2 lateral blind covers, front blind cover, 4 cable glands and 3 covers.

K45 OFIBLOCK PROFILE, LATERAL INLETS*
For furniture from 10 mm to 24 mm thick

ART. NO.		DESCRIPTION
KFC102	/14	2 wide K45 mechanisms
KFC104	/14	4 wide K45 mechanisms
KFC106	/14	6 wide K45 mechanisms

*Comes with profile, side blind cover, lateral wire inlet cover and front blind cover.

K45 OFIBLOCK LINE FASTENING BRACKETS



ART. NO.	DESCRIPTION
KSF7	Set of 2 fastening claws for easily fastening the K45 Ofiblock Line (For tables from 10 to 50 mm thick)

Sequence for assembling KSF7 fastening bracket

1

Insert

2

Twist and tighten

Configuration Example

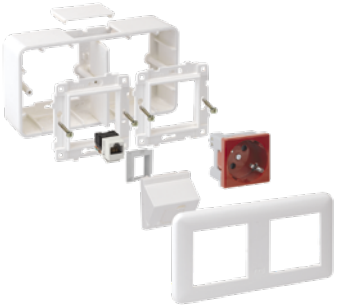
	QTY	ART.NO./FINISH	DESCRIPTION
ENCLOSURE	1	**KSF134/8**	K45 Ofiblock Line for 4 wide mechanisms, polished chrome
	1	**KFC134/14**	K45 Ofiblock for 4 wide mechanisms and back inlets, graphite
ELECTRICAL SOCKETS AND PLATES	3	**K11/14**	K45 German socket outlet with fast terminal connection, graphite
	2	**AC11**	Connection block for linking K45 fast terminal connection electrical sockets
	1	**KB96U/14**	K45 Flat voice and data plate with 2 cat. 6 UTP connectors, graphite

INSTALLATION SYSTEMS, FIXED AND RECESSED INTO THE WALL

Shopping centres | Educational centres | Health centres | Libraries | Museums | Homes

SPECIFIC CONNECTIONS

DUAL SURFACE-MOUNT BOXES

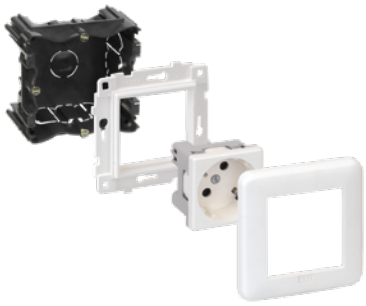


INCLUDES ALL NECESSARY MATERIALS
The K45 **dual-surface box comes with a divider plate**, fixing plugs and all the necessary screws.

ACCESSIBLE VIA SIMON MINI TRUNKING
The SCM21F/9 and SCM31F/9 accessories allow access via 20x30 and 20x50 mm Mini-trunking

VDM
VOICE, DATA AND MULTIMEDIA

INDIVIDUAL RECESSED JUNCTION BOX



CAN BE COMBINED WITH DEEPER RJ45 CONNECTORS
Specially designed for installing FTP connectors and high categories where the depth and the bending radius are critical.

The necessary depth is achieved by installing a recessed junction box and a surface box.

SURFACE-MOUNTED INSTALLATIONS

1 WIDE K45 MODULE

ART. NO.		DESCRIPTION
R250	/9 /14	Box

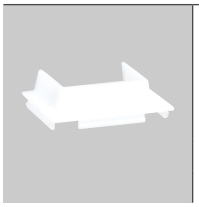
KR245 /9 /14
Frames and frame-holders

2 WIDE K45 MODULES

ART. NO.		DESCRIPTION
R450	/9 /14	Box

KR445 /9 /14
Frames and frame-holders

SIMON MINI-TRUNKING POWER (LATERAL)



ART. NO.		DESCRIPTION
SCM21F	/9	Adaptor for Mini-trunking 20x30 mm

ART. NO.		DESCRIPTION
SCM31F	/9	Adaptor for Mini-trunking 20x50 mm

Example of surface-mounted configuration

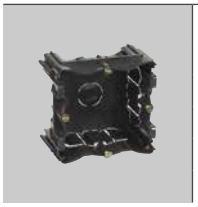
	QTY	ART.NO./FINISH	DESCRIPTION
ENCLOSURE	1	**KR445/14**	Double K45 frame and 2 K45 frame-holders, white
	1	**R450/9**	K45 dual junction box, surface-mounted, white
ELECTRICAL SOCKETS AND PLATES	1	**K01/9**	K45 German socket outlet Screw terminal connection, white
	1	**K100B/9**	Plate for 1 K45 mechanism with 1 female VGA connector, white. Screw connection
MINI-TRUNKING ACCESS	1	**SCM31F/9**	Adaptor for Mini-trunking 20x50 mm, white
	1	**TM12032/9**	Mini-trunking 20x50, 2 compartments, white

RAL 9003 RAL 7021

FINISH ▶ /9 Snow white | /14 Graphite

RECESSED INSTALLATIONS

1 WIDE K45 MODULE



ART. NO.	DESCRIPTION
31710-61	Universal junction box for masonry wall

KR245 /9 **/14**
Frames and frame-holders

2 WIDE K45 MODULES

ART. NO.	DESCRIPTION
2 x 31710-61	Universal junction box for masonry wall

KR445 /9 **/14**
Frames and frame-holders

Example of recessed configuration

	QTY	ART.NO./FINISH	DESCRIPTION
ENCLOSURE	1	**KR245/14**	K45 individual frame and frame-holder, graphite
	1	**31710-61**	Universal junction box for recessed mount in masonry wall
ELECTRICAL SOCKETS AND PLATES	1	**K01/14**	K45 German socket outlet Screw terminal connection, graphite

CEILING MOUNT INSTALLATION SYSTEMS

Offices | Laboratories | Universities | Educational centres | Libraries | Hotels

SOLUTIONS FOR OPEN-PLAN AREAS

EASY TO INSTALL
Pole fastening by applying **pressure** against the ceiling, without needing to screw it into the floor.

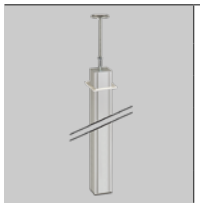
WIDE VARIETY OF RANGES
There are four bracket types with a different number of connection sides, allowing many solutions to be grouped together.

INSTALLATION MOBILITY
This pressure-fastened columns allow the layout of workstations to be changed easily.

SUPPLIED WITH ALL THE MATERIALS NEEDED FOR INSTALLATION
With a **single item number**, K45 columns are supplied with everything needed to install them: the foot for attaching it to the floor, the ceiling trim, a telescopic assembly for attaching it to the slab, the aluminium covers and other miscellaneous materials.

COLUMNS

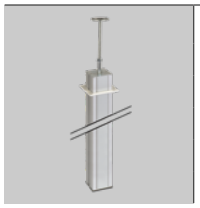
1 SIDE



ART. NO.		DESCRIPTION
ALK1100	/8	1 side, 70x60 mm, 3 meters

The length of the 1-sided columns cannot be lengthened with extensions
A longer column can be supplied upon request.

2 SQUARE SIDES



ART. NO.		DESCRIPTION
ALK2200	/8	2 square sides, 80x80 mm, 3 meters

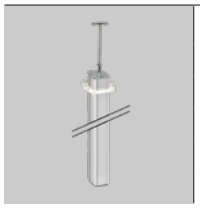
Designed for electrical sockets with screw terminal connection on 1 side and VDM on the opposite side

2-SIDED SQUARE COLUMN EXTENSION (includes coupling pin)

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

Length of fastening bracket: 0.5 m

2 OVAL SIDES



ART. NO.		DESCRIPTION
ALK7200	/8	2 oval sides, 110x80 mm, 3 meters

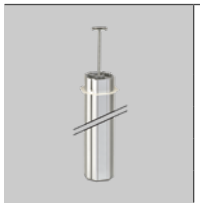
No limitations for mechanism housing

2-SIDED OVAL COLUMN EXTENSION (includes coupling pin)

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

Length of fastening bracket: 0.5 m

4 SIDES



ART. NO.		DESCRIPTION
ALK5400	/8	4 sides, 125x125 mm, 3 meters

Does not allow electrical sockets with fast terminal connection on 2 of the 4 sides. No limitations for the other mechanisms

4-SIDED OVAL COLUMN EXTENSION (includes coupling pin)

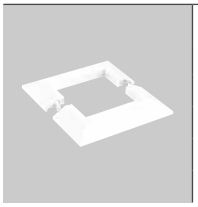
ALK54P05	/8	0.5 m extension
ALK54P10	/8	1 m extension
ALK54P15	/8	1.5 m extension

Length of fastening bracket: 0.5 m

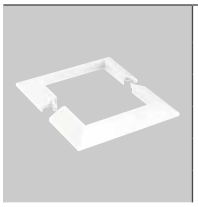
FINISH ▶ /8 Anodised aluminium

REPLACEMENTS

TRIMS*

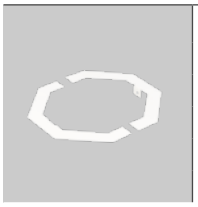


ART. NO.		DESCRIPTION
RALK001	/8	Trim for false ceiling column, 1 side, ALK1100/8



ART. NO.		DESCRIPTION
RALK002	/8	Trim for false ceiling column, 2 sides, square ALK2200/8

ART. NO.		DESCRIPTION
RALK003	/8	Trim for false ceiling column, 2 sides, oval, ALK7200/8



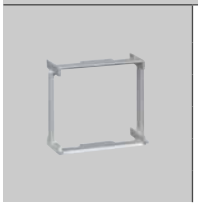
ART. NO.		DESCRIPTION
RALK004	/8	Trim for false ceiling column, 4 sides, ALK5400/8

*All trim for K45 columns come in white.

FRONT COVERS

ART. NO.		DESCRIPTION
RALK013	/8	3M for K45 columns ALK1100/8, ALK2200/8 and ALK5400/8
RALK014	/8	3M for K45 column ALK7200/8

K45 ACCESSORIES AND INSTALLATION ACCESSORIES



ART. NO.	DESCRIPTION
K66	**Plate adaptation** 90° positioner for VDM plates

ART. NO.	DESCRIPTION
K106A/..	**Protection** K45 miniature circuit breaker

ART. NO.	DESCRIPTION
K100B/..	**Multimedia plates** Plate with 1 VGA connector

ART. NO.	DESCRIPTION
K11/..	**Electrical sockets** Fast terminal connection

ART. NO.	DESCRIPTION
KB95U/..	**V&D Plates** V&D Plates with RJ45 connectors

Configuration Example
For column with a copper positioner, in a supermarket

	QTY	ART.NO./FINISH	DESCRIPTION
ENCLOSURE	1	**ALK1100/8**	Column, 1 side, 70x60 mm, 3 meters
ELECTRICAL SOCKETS AND PLATES	1	**K11/9**	K45 German socket outlet, fast terminal connection, white
	2	**K11/6**	K45 German socket outlet fast terminal connection, red
	1	**AC11**	Connection block for linking K45 fast terminal connection electrical sockets
	1	**KB8096U/9**	K45 angled voice and data plate with 2 RJ45 cat. 6 UTP connectors, white
	1	**K66**	K45 90° positioner for VDM plates

MECHANISMS AND ROCKERS

Direct snap-fit | 16 A | Offices | Health centres | Conference centres | Shopping centres | Laboratories | Educational centres

Specially designed for spaces with a high density of luminaires, since most support a 16AX rated current. For offices, hospitals, conference rooms, etc., since they support current peaks that occur during switching on.

INDICATOR LIGHT OR PILOT LIGHT

Push-button switch with indicator light that helps it to be located in the dark.

2-way switch with pilot light: The pilot light indicates whether the switch is on or not.

DOUBLE-POLE 16AX SWITCHES

Disconnect the two poles from a load or circuit while minimising any problems **due to small leaks that may occur**, in fluorescent bulbs, for example, when using a single-pole switch.

90° POSITIONER

Allows vertical positioning of 2-way switches. Specially designed for installation in vertical enclosures (mini columns, columns, teleblocks, trunking, etc.)

SINGLE-POLE 2-WAY SWITCHES 16AX 250 V~

2-WAY SWITCHES

ART. NO.	DESCRIPTION
K301	K45 single-pole 2-way switch 16AX

+ ROCKER

K110 /8 /9 **/14**

K109 /8 /9 **/14**

ART. NO.	DESCRIPTION
K302	K45 single-pole 2-way switch 16AX with pilot light

+ ROCKER

K112 /8 /9 **/14**

K115 /8 /9 **/14**

The 90° positioner is supplied with the mechanism

PUSH-BUTTON SWITCHES

ART. NO.	DESCRIPTION
K303	K45 single-pole push-button switch 16A

+ ROCKER

K110 /8 /9 **/14**

K109 /8 /9 **/14**

ART. NO.	DESCRIPTION
K304	K45 single-pole push-button switch 16 A **with indicator light function**

+ ROCKER

K114 /8 /9 **/14**

K113 /8 /9 **/14**

The 90° positioner is supplied with the mechanism

FINISH ▶ /9 Anodised aluminium | /14 Graphite

DOUBLE-POLE 16AX SWITCHES 250 V~

ART. NO.		DESCRIPTION
KL04	/9 **/14**	Double-pole 16AX switch and indicator light function with K45 plate

REPLACEMENTS

ART. NO.	DESCRIPTION
K366	90° positioner for single-pole 2-way switches

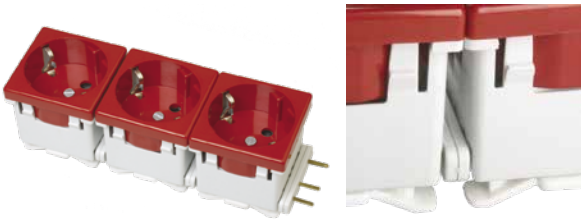
BASES AND COVERS FOR SOCKET OUTLETS

Direct snap-fit

ONE-CLICK INSTALLATION

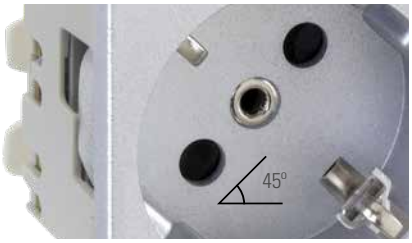
MULTIPLE SOCKET OUTLETS

The AC11 linking accessory allows the **direct linking of quick connection socket outlets** without having to wire them manually.



HIGH CONNECTION DENSITY

Contacts set at 45º to prevent any interference that might be caused by using elbowed plugs in a group of electrical socket outlets.



OBTURATOR FOR:

Protection
All socket outlets have a protective shutter to prevent direct contact with the live parts.

Selective security
Protects the UPS line, allowing only computer **equipment to be connected.**

FAST TERMINAL CONNECTION USING SCREWS

Fast

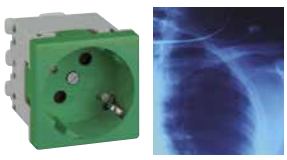
Screw

Compatible with rigid and flexible 2.5 mm^2 cable.

DIFFERENT FINISHES FOR DIFFERENT APPLICATIONS

Red finish
For connecting computer equipment through uninterruptible power systems.

Orange finish
Specifically for powering servers or laboratory devices.



Green finish
For the healthcare sector

FINISH ▶	RAL 3002 /6 Red	RAL 2009 /7 Orange	/8 Painted aluminium	RAL 9003 /9 Snow white	RAL 7021 /14 Graphite	RAL 6016 /27 Green

ELECTRICAL SOCKETS WITH FAST TERMINAL CONNECTION 16 A 250 V~

ART. NO.		DESCRIPTION
K11	/6 /7 /8 /9 /14 /27	German socket outlet with safety shutter
K22	/6 /7 /8 /9 /14 /27	French socket outlet with safety shutter

ART. NO.		DESCRIPTION
KS11	/6 /8 /9 /14	German socket outlet with security shutter (pin included)
KS22	/6 /9 /14	French socket outlet with security shutter (pin included)

ELECTRICAL SOCKETS WITH SCREW TERMINAL CONNECTION 16 A 250 V~

ART. NO.		DESCRIPTION
K01	/6 /7 /8 /9 /14	German socket outlet with safety shutter
K02	/6 /8 /9 /14	French socket outlet with safety shutter

ART. NO.		DESCRIPTION
KLS01	/6 /7 /8 /9 /14	German socket outlet with security shutter (pin included) and indicator light function
KLS02	/6 /9 /14	French socket outlet with security shutter (pin included) and indicator light function

ART. NO.		DESCRIPTION
KL01	/6 /7 /8 /9 /14	German socket outlet with safety shutter and indicator light function
KL02	/6 /9 /14	French socket outlet with safety shutter and indicator light function

ACCESSORIES

ELECTRICAL SOCKET LINKER

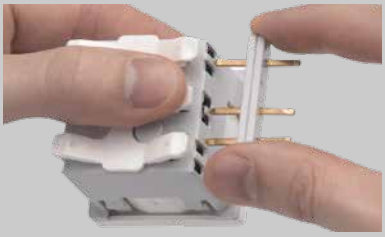
ART. NO.	DESCRIPTION
AC11	Electrical linker to create multiple outlets Can only be combined with fast terminal connection electrical sockets

FINISH ▶ /6 Red

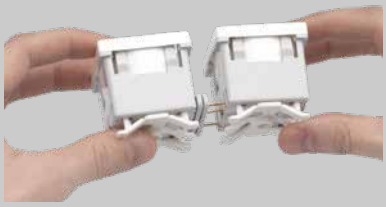
REPLACEMENTS

ART. NO.		DESCRIPTION
AC33	/6	Pin for unblocking the security shutter on KLS0../ and KS../.. electrical sockets.

Assembly of multiple outlets using electrical linker



Insert the electrical linker in the pins in the fast terminal connection socket.



Press until the electrical linker is completely inserted in the pins on the next electrical socket.

Repeat the process with the next electrical socket, and so on.

NEW

POWER OUTLETS

ART. NO.		DESCRIPTION
K126C	/8 /9 /14	5 V/DC 1.5 A Type-A USB port charger with K45 plate ½ mechanism.

ART. NO.		DESCRIPTION
K126D	/8 /9 /14	5 V/DC 2.1 A Type-A USB port charger with K45 plate, ½ mechanism and compatible with Smartcharge technology

ART. NO.		DESCRIPTION
K126E	/8 /9 /14	5 V/DC 2.1 A Type-A USB port charger with K45 plate.

CONNECTORS AND PLATES FOR VOICE AND DATA CONNECTIONS

Direct snap-fit

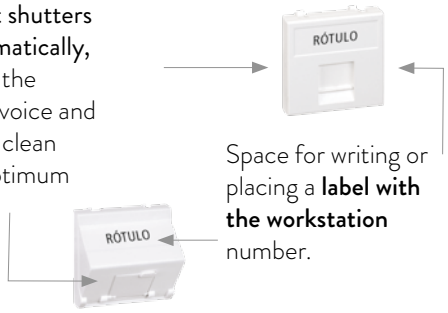
EASIER COMMUNICATION

ANGLED PLATES

Angled plates are ideal for **maintaining the optimal bending radius** when large connectors are used, and guaranteeing high-speed data transmission.

WE CARE ABOUT CONNECTORS

Plates with **dust shutters that close automatically,** helping to keep the contacts in the voice and data connector clean and ensuring optimum connection.



Space for writing or placing a **label with the workstation** number.

FLAT PLATES

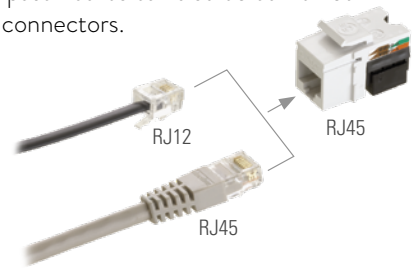
The flat plates are designed to fully integrate into the enclosures.

FULLY COMPATIBLE

Simon's philosophy is to integrate existing connectors in the market into our enclosures.

ONE CONNECTOR FOR VARIOUS TYPES OF PATCH CORDS

The RJ11 and RJ12 patch cords can also be combined with female RJ45 connectors.



MORE STRUCTURED CABLING SOLUTIONS

MD MODULES FOR ANGLED PLATES (CUSTOM CLIPPING FOR RJ45 CONNECTORS)

Clipping sequence for MD modules in angled plates.

SIMON VOICE AND DATA PLATES WITH RJ45 CONNECTORS

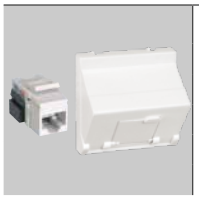
ANGLED PLATES WITH DUST COVER

Category 6

ART. NO.		DESCRIPTION	TYPE
K8096F	/8 /9 **/14**	1 connector	FTP
K8096U	/8 /9 **/14**	1 connector	UTP

ART. NO.		DESCRIPTION	TYPE
KB8096U	/8 /9 **/14**	2 connectors	UTP

Category 5e



ART. NO.		DESCRIPTION	TYPE
K8095F	/8 /9 **/14**	1 connector	FTP
K8095U	/8 /9 **/14**	1 connector	UTP

ART. NO.		DESCRIPTION	TYPE
KB8095U	/8 /9 **/14**	2 connectors	UTP

FLAT PLATES WITH DUST COVER

Category 6

ART. NO.		DESCRIPTION	TYPE
K96F	/8 /9 **/14**	1 connector	FTP
K96U	/8 /9 **/14**	1 connector	UTP
KA96F*	/8 /9 **/14**	1 connector	FTP
KA96U*	/8 /9 **/14**	1 connector	UTP

ART. NO.		DESCRIPTION	TYPE
KB96F	/8 /9 **/14**	2 connectors	FTP
KB96U	/8 /9 **/14**	2 connectors	UTP

(*) Plates with narrow mechanism format 22.5x45 mm

Category 5e

ART. NO.		DESCRIPTION	TYPE
K95F	/8 /9 **/14**	1 connector	FTP
K95U	/8 /9 **/14**	1 connector	UTP
KA95F*	/8 /9 **/14**	1 connector	FTP
KA95U*	/8 /9 **/14**	1 connector	UTP

ART. NO.		DESCRIPTION	TYPE
KB95F	/8 /9 **/14**	2 connectors	FTP
KB95U	/8 /9 **/14**	2 connectors	UTP

(*) Plates with narrow mechanism format 22.5x45 mm

FLAT PLATES WITHOUT DUST COVER

Category 6

ART. NO.		DESCRIPTION	TYPE
K096F	/9	1 connector	FTP
K096U	/9	1 connector	UTP

ART. NO.		DESCRIPTION	TYPE
KB096F	/9	2 connectors	FTP
KB096U	/9	2 connectors	UTP

Category 5e

ART. NO.		DESCRIPTION	TYPE
K095F	/9	1 connector	FTP
K095U	/9	1 connector	UTP

ART. NO.		DESCRIPTION	TYPE
KB095F	/9	2 connectors	FTP
KB095U	/9	2 connectors	UTP

RAL 9003 RAL 7021

FINISH ▶ /8 Painted aluminium | /9 Snow white | /14 Graphite

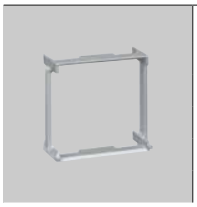
SIMON VOICE AND DATA PLATE COMPATIBILITY

ANGLED PLATES FOR CONNECTORS FROM OTHER BRANDS

	WITH DUST SHUTTER				WITHOUT DUST SHUTTER			
	1 connector		2 connectors		1 connector		2 connectors	
Available finishes	/8 /9 /14				/9 /14			
SIMON	K80/..	⊕ MD67	KB80/..	⊕ 2 MD67	K080/..	⊕ MD67	KB080/..	⊕ 2 MD67
3M® (Volition OCK®: RJ25, K5e, K6)					K080/..	⊕ MD45	KB080/..	⊕ 2 MD45
AMP netconnect® (TYCO®)								
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/..	⊕ MD64		
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®) S500K and XS500	K80/..	⊕ MD67	KB80/..	⊕ 2 MD67	K080/..	⊕ MD67	KB080/..	⊕ 2 MD67
ERSYS®	K80/..	⊕ MD64	KB80/..	⊕ 2 MD64	K080/..	⊕ MD64	KB080/..	⊕ 2 MD64
ADC KRONE®								
Series KM8 keystone	K80/..	⊕ MD67	KB80/..	⊕ 2 MD67	K080/..	⊕ MD67	KB080/..	⊕ 2 MD67
Series HK keystone	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®								
S.MINI-COM	K80/..	⊕ MD69	KB80/..	⊕ 2 MD69	K080/..	⊕ MD69	KB080/..	⊕ 2 MD69
S.Netkey	K80/..	⊕ MD67	KB80/..	⊕ 2 MD67	K080/..	⊕ MD67	KB080/..	⊕ 2 MD67
R&M® (REICHLE DE MASSARI®)								
CLASSIC cat. 5e (R925371, R925370)	K80/..	⊕ MD54	KB80/..	⊕ 2 MD54	K080/..	⊕ MD54	KB080/..	⊕ 2 MD54
STAR cat. 6 (R302373, R302372)	K80/..	⊕ MD54	KB80/..	⊕ 2 MD54	K080/..	⊕ MD54	KB080/..	⊕ 2 MD54
ADVANCED cat. 6A (R509500, R509504)	K80/..	⊕ MD54	KB80/..	⊕ 2 MD54	K080/..	⊕ MD54	KB080/..	⊕ 2 MD54
RIT®	K80/..	⊕ MD67	KB80/..	⊕ 2 MD67	K080/..	⊕ MD67	KB080/..	⊕ 2 MD67
SIEMON®								
Series MAX Keystone	K80/..	⊕ MD64	KB80/..	⊕ 2 MD64	K080/..	⊕ MD64	KB080/..	⊕ 2 MD64
SYSTIMAX® (AVAYA®)(ATT®)	K80/..	⊕ MD63	KB80/..	⊕ 2MD63	K080/..	⊕ MD63	KB080/..	⊕ 2 MD63

Some FTP connectors may be incompatible when installed in double plates. Consult compatibility.
Simon declines any responsibility for any modifications or changes made by the connector's manufacturer.

ACCESSORY



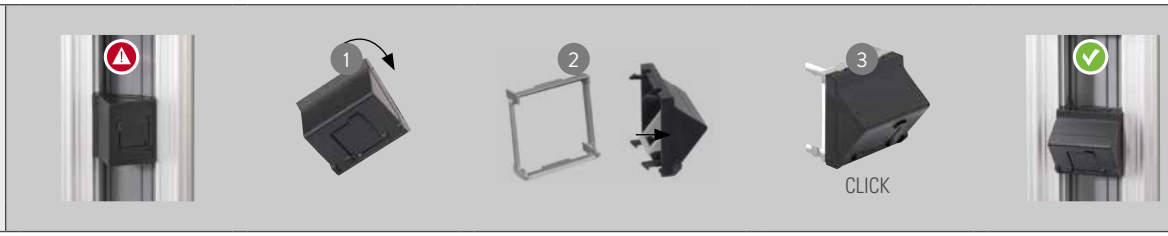
ART. NO.	DESCRIPTION
K66	K45 90° positioner for placing K45 Voice and Data plates in a vertical position in K45 Teleblock, K45 Columns and K45 Mini Columns.

SIMON VOICE AND DATA PLATE COMPATIBILITY

FLAT PLATES FOR CONNECTORS FROM OTHER BRANDS

	WITH DUST SHUTTER			WITHOUT DUST SHUTTER		
	1 connector (narrow plate)	1 connector	2 connectors	1 connector (narrow plate)	1 connector	2 connectors
Available finishes				/9 /14 *Also available in /8		
SIMON	KA76/..*	K76/..*	KB76/..*	-	K076/..	KB076/..
3M® (Volition OCK®: RJ45, K5e, K6)				KA045/..	K045/..	KB045/..
AMP netconnect® (TYCO ELECTRONICS®)						
Standard 110	KA76/..	K76/..	-	-	K076/..	-
SL110 and SL toolless	KA76/..	K76/..	KB76/..	-	K076/..	KB076/..
216000 and 216005	KA76/..	K76/..	-	-	K076/..	-
BeldenCDT® (NORDX®)						
Giga Flex MDVO	KA68/..	K68/..	KB68/..	-		
Giga Flex Keystone	KA76/..	K76/..	KB76/..	-	K076/..	KB076/..
BRAND-REX® (BICC®)	KA76/..	K76/..	-	-	K076/..	-
ERSYS®	KA76/..	K76/..	KB76/..	-	K076/..	KB076/..
GENERAL CABLE®	KA76/..	K76/..	KB76/..	-	K076/..	KB076/..
IBM®	-	K87/..	KB87/..	-	K087/..	-
INFRA +®	KA75/..	K75/..	KB75/..	-	K075/..	KB075/..
ITT CANNON®	KA65/..	K65/..	KB65/..	-		
KRONE®						
Series KM8 keystone	KA76/..	K76/..	KB76/..	-	K076/..	KB076/..
Series HK keystone	-	K82/..	-	-		-
MOLEX®	KA76/..	K76/..	KB76/..	-	K076/..	KB076/..
NEXANS® (LAN mark®-5eVo, LAN mark®-6eVo)	KA85/..	K85/..	KB85/..	-	K085/..	KB085/..
ORTRONICS®						
Clarity TechChoice Keystone	KA76/..	K76/..	KB76/..	K281/..	K076/..	KB076/..
PANDUIT®						
S.MINI-COM	KA69/..	K69/..	KB69/..	-	K069/..	KB069/..
S.Netkey	KA76/..	K76/..	KB76/..	-	K076/..	K076/..
R&M® (REICHLE DE MASSARI®)						
CLASSIC cat. 5e (R925371, R925370)	-	-	-	-	K054/..	-
STAR cat. 6 (R302373, R302372)	-	-	-	-	K054/..	-
ADVANCED cat. 6A (R509508, R509509)	-	-	-	-	K054/..	-
RIT®	KA76/..	K76/..	KB76/..	-	K076/..	KB076/..
SIEMON®						
Series MAX	-	-	-	-	-	KB72 /9
Series MAX Keystone	KA76/..	K76/..	KB76/..	-	K076/..	KB076/..
SYSTIMAX® (AVAYA®) (ATT®)	KA76/..	K76/..	KB76/..	-	K076/..	KB076/..

90° positioner for Voice and Data plates installed in K45 teleblock and vertical profiles



MECHANISMS AND BASE PLATES FOR CIRCUIT PROTECTION

Direct snap-fit | Educational centres | Universities | Libraries | Museums | Conference centres | Commercial premises

The protection elements with K45 plates provide people with **security** against electrical risks and **protection** against overcurrents and overloads in electrical installations

DIN K45 FORMAT

The DIN K45 format protective elements are designed to be installed in Ofiblocks, mechanism holder channels, mini-columns and K45 columns.

Integrated appearance

SEQUENCE FOR INSTALLING THE PLATE IN DIN-FORMAT PROTECTIVE ELEMENTS

1

Clip the DIN rail to the RCB or RCCB switch.

2

Clip the assembly to the enclosure or to the mechanism holder.

3

Install the trim plate.

PROTECTIVE ELEMENTS

ART. NO.		DESCRIPTION
KF04A	/8 /9 **/14**	Two-pole circuit breaker 16 A, C curve with K45 plate with 3 wide mechanisms
KF04B	/8 /9 **/14**	Two-pole circuit breaker 10 A, C curve with K45 plate with 3 wide mechanisms

ART. NO.		DESCRIPTION
KF04C	/8 /9 **/14**	Residual current circuit breaker 25 A with IΔN sensibility of 30 mA with K45 plate for 3 wide mechanisms

PLATES FOR PROTECTIVE ELEMENTS WITH DIN K45 FORMAT

ART. NO.		DESCRIPTION
KF03	/8 /9 **/14**	K45 plate 3 wide mechanisms for miniature or residual current circuit breaker, DIN format

Configuration example K45 Ofiblock Plus

	QTY	ART.NO./FINISH	DESCRIPTION
ENCLOSURE	1	**KFP106/14**	K45 Ofiblock Plus with 6 wide K45 mechanisms, graphite
ELECTRICAL SOCKETS AND PLATES	1	**KF04B/14**	K45 plate with two-pole circuit breaker, 10 A, C Curve, graphite
	3	**K11/14**	K45 German socket outlet, fast terminal connection, graphite
	2	**AC11**	Connection block for linking K45 fast terminal connection electrical sockets
	1	**K20/14**	K45 Cable inlet plate with included retainer, graphite

CONNECTORS AND BASE PLATES FOR MULTIMEDIA CONNECTIONS

Direct snap-fit

The most common multimedia solutions, especially designed to manage any type of multimedia connection, whether analog or digital, for audio, video, data or combinations.

Recommended for installation in meeting rooms, auditoriums, recording studios, etc.
Compatible with K45 and 500 CIMA enclosures using adaptor plates.

VDM
VOICE, DATA AND MULTIMEDIA

FOR GROUPING AUDIOVISUAL EQUIPMENT

Convergence of Simon K45 multimedia solutions in Simon 500 Cima enclosures using adaptor plate 50012088/..

FASTER AND EASIER INTERNAL CONNECTION SYSTEM. NO WELDING OR SCREW CONNECTIONS REQUIRED

Female-female HDMI connector

K45 TV-SAT SOCKETS

ART. NO.		DESCRIPTION
K130A	/8 /9 **/14**	Male TV socket + Female SAT, Single CEI with K45 plate. Screw connection

ART. NO.		DESCRIPTION
K120A	/8 /9 **/14**	TV socket, simple CEI, male with K45 plate. Screw connection

ART. NO.		DESCRIPTION
K102B	/8 /9 **/14**	TV socket, simple CEI, male, with K45 plate ½ mechanism. Soldered connection

ART. NO.		DESCRIPTION
K102C	/8 /9 **/14**	Satellite socket, Simple, Female, with K45 plate ½ mechanism. Soldered connection

MULTIMEDIA CONNECTORS

ART. NO.		DESCRIPTION
K128B	/8 /9 **/14**	Type-A USB connector, female, with K45 plate, ½ mechanism Screw connection.

ART. NO.		DESCRIPTION
K131B	/9	USB Type-B connector, Female, with K45 plate, ½ mechanism. Female - female connection.

ART. NO.		DESCRIPTION
K100B	/8 /9 **/14**	Female VGA connector with K45 plate Screw connection.

RAL 9003 RAL 7021

FINISH ▶ /8 Painted aluminium | /9 Snow white | /14 Graphite

ART. NO.		DESCRIPTION
K129B	/8 /9 **/14**	HDMI connector with K45 plate, ½ mechanism. Female - female connection.

ART. NO.		DESCRIPTION
K101B	/8 /9 **/14**	2 RCA audio connectors with K45 plate, ½ mechanism. Screw connection.

ART. NO.		DESCRIPTION
K105B	/8 /9 **/14**	3 RCA audio-video connectors, with K45 plate, ½ mechanism. Screw connection

ART. NO.		DESCRIPTION
K123B	/8 /9 **/14**	Mini-jack connector with K45 plate, ½ mechanism. Screw connection.

ART. NO.		DESCRIPTION
K103B	/8 /9 **/14**	S-Video connector, female, with K45 plate, ½ mechanism. Screw connection.

ART. NO.		DESCRIPTION
K100A	/8 /9 **/14**	VGA connector, female, with K45 plate, ½ mechanism. Soldered connection.

ART. NO.		DESCRIPTION
K102D	/8 /9 **/14**	BNC 75 Ω connector with K45 plate, ½ mechanism. Soldered connection.

ART. NO.		DESCRIPTION
K104A	/8 /9 **/14**	SUB-D25 Connector, female (parallel port), with K45 plate, 2 wide mechanisms. Soldered connection

Plates for multimedia connectors

ART. NO.		DESCRIPTION
K122	/8 /9 **/14**	K45 plate, 1 mechanism for 1 XLR connector, male or female
K100	/9 **/14**	K45 plate, ½ mechanism for 1 SUB D9 connector (VGA or serial port)
K101	/9 **/14**	K45 plate, ½ mechanism for 2 RCA connectors
K102	/9 **/14**	K45 plate, ½ mechanism for 1 BNC connector
K103	/9 **/14**	Plate K45 ½ mechanism for 1 S-Video connector
K104	/9 **/14**	K45 plate, 2 mechanisms for 1 SUB-D25 connector (parallel port)

Configuration example
K45 Ofiblock Line

	QTY	ART.NO./FINISH	DESCRIPTION
ENCLOSURE	1	**KSF134/8**	Frame, K45 Ofiblock Line for 4 wide mechanisms, polished chrome
	1	**KFC134/14**	K45 Ofiblock for 4 wide mechanisms, graphite
ELECTRICAL SOCKETS AND PLATES	1	**K11/14**	K45 German socket outlet, fast terminal connection, graphite
	1	**KB96U/14**	K45 Flat voice and data plate with 2 cat. 6 UTP connectors, graphite
	1	**K100B/14**	K45 plate with 1 female VGA connector, graphite. Screw connection
	1	**K128B/14**	K45 plate with 1 female Type-A USB connector, graphite. Screw connection
	1	**K129B/14**	K45 plate with 1 HDMI connector, graphite. Female - female connection

Connectors and base plates for quick connections

FINISH	RAL 9003 /9 Snow white	RAL 7021 /14 Graphite

THREE-POLE FAST-CONNECTION CONNECTORS WITH K45 PLATES

ART. NO.		DESCRIPTION
K121A	/9 **/14**	Three-pole fast connector, male, with K45 plate

ART. NO.		DESCRIPTION
K121B	/9 **/14**	Three-pole fast connector, female, with K45 plate

ART. NO.		DESCRIPTION
KB18A	**/14**	Three-pole fast connector, male, graphite, and three-pole fast connector, male, red, with K45 plate

IEC320 FAST-CONNECTION CONNECTORS WITH K45 PLATES

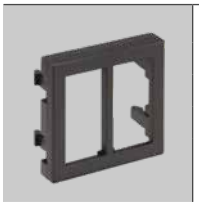
ART. NO.		DESCRIPTION
K305A	/9 **/14**	IEC320 fast connector, male, with K45 plate

ART. NO.		DESCRIPTION
K306A	/9 /14	IEC320 fast connector, female, with K45 plate

K45 PLATES FOR FAST-CONNECTION CONNECTORS, 3-POLE OR 5-POLE

ART. NO.		DESCRIPTION
K121	/9 /14	K45 plate, ½ mechanism, for 1 fast-connection connector, male or female, 3-pole

ART. NO.		DESCRIPTION
K18	/9 /14	K45 plate, 1 mechanism, for 1 fast-connection connector, male or female, 3-pole



ART. NO.		DESCRIPTION
KB18	/9 /14	K45 plate, 1 mechanism, for 2 fast-connection connectors, male or female, 3-pole

ART. NO.		DESCRIPTION
K18W5	/9 /14	K45 plate, 2 mechanisms, for 1 fast-connection connector, male or female, 5-pole

Other quick connection elements

3-Pole connectors

5-Pole connectors

Patch cords

Other plates

RAL 9003 RAL 7021

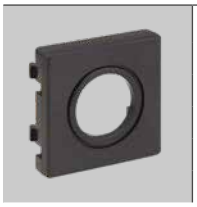
FINISH ▶ /8 Painted aluminium | /9 Snow white | /14 Graphite

K45 PLATES FOR CABLE MANAGEMENT

ART. NO.		DESCRIPTION
K10	/8 /9 **/14**	K45 1 mechanism plate for cable outlet Incorporated rings to cable-tie wires

ART. NO.		DESCRIPTION
K20	/9 **/14**	K45 1 mechanism plate cable inlet with retainer included (2 Ø 13 mm and 4 Ø 6 mm)

ART. NO.		DESCRIPTION
K21	/9 **/14**	K45 1 mechanism plate for trunking inlet, 20x30 mm for Ofiblock Plus



ART. NO.		DESCRIPTION
K19	/9 **/14**	K45 1 mechanism plate for Ø 22 mm tube or cable gland inlet and Ø 29 mm pre-punched holes

BLIND K45 PLATES

ART. NO.		DESCRIPTION
K105	/8 /9 **/14**	K45 ½ mechanism blind plate

ART. NO.		DESCRIPTION
K17	/8 /9 **/14**	K45 1 mechanism blind plate

K45 SIGNALLING AND BEACON PLATES

ART. NO.		DESCRIPTION
KL05	/9 **/14**	K45 1 mechanism plate for voltage indicator

K45 technical Information

Plastic parts manufactured using halogen-free, self-extinguishing thermoplastic materials, guaranteeing no flame spread in case of fire and low toxicity in the event of smoke generation.

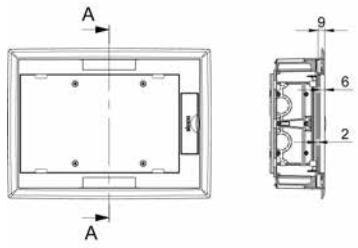
HALOGEN-FREE,
SELF-EXTINGUISHING
THERMOPLASTIC MATERIALS

SHALLOW FLOOR BOXES

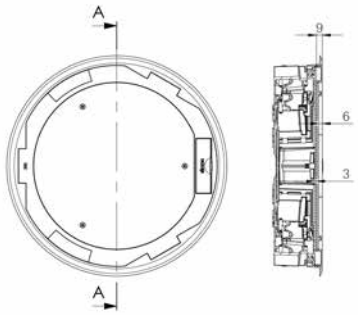
- Product designed according to the Safety Requirements of Directive 2006/95/EC (Low Voltage) through compliance with UNE-EN-60670 standard.
- Product with CE marking CE.
- IP protection degree: 4X
- IK impact resistance degree: 08
- Temperature range during installation: –5 °C to +60 °C
- Maximum temperature during construction work of +90 °C (installed with service box)

FLOOR BOXES

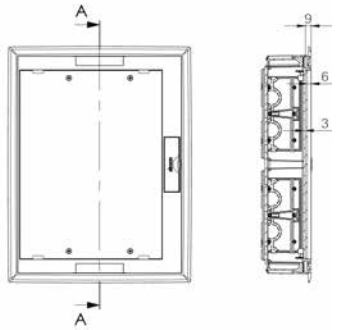
2 double modules



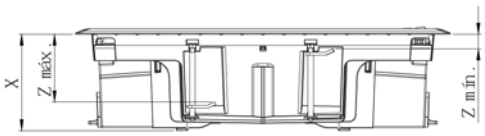
3 double modules



4 double modules



Art. No.	No. of double modules	Dimensions X	No. of pre-punched holes per module	Dimensions Z	Maximum load (kg)
KF200/1	2	64	3 x Ø 10 2 x Ø 20 2 x 22 x 34	11 to 48	400
KF300C/1	3				790
KF400/1	4				770

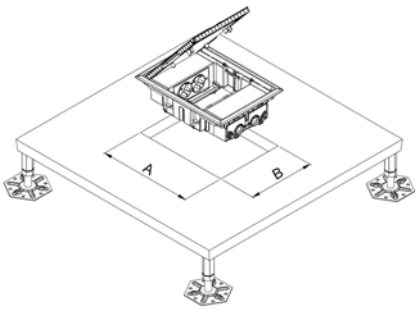


Dimensions in mm

SHALLOW FLOOR BOXES

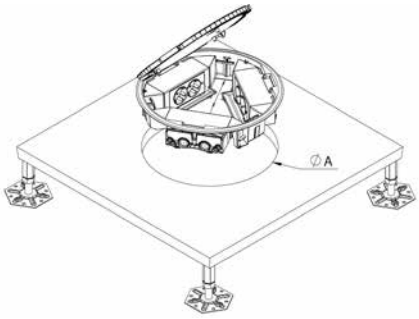
INSTALLATION IN RAISED FLOOR

2 double modules



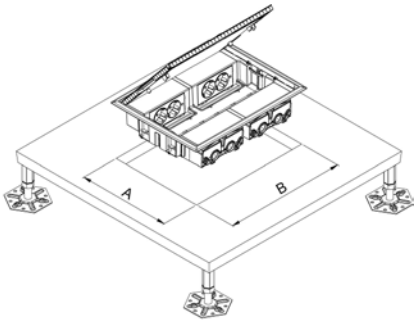
Art. No.	Opening dimensions AxB
KF200/1	250 x 178

3 double modules



Art. No.	Opening dimensions AxB
KF300C/1	300

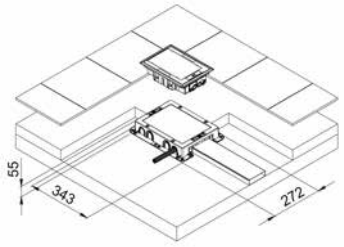
4 double modules



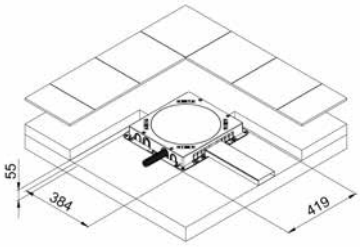
Art. No.	Opening dimensions AxB
KF400/1	250 x 327

INSTALLATION IN CONCRETE FLOOR

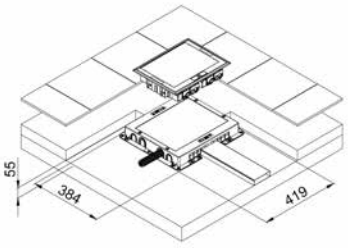
2 double modules



3 double modules



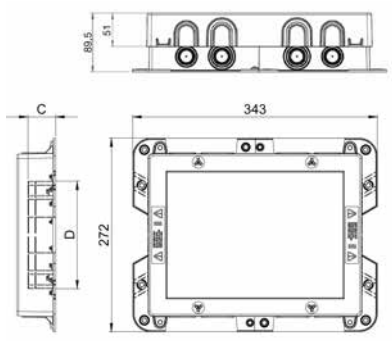
4 double modules



TRAYS FOR CONCRETE FLOOR

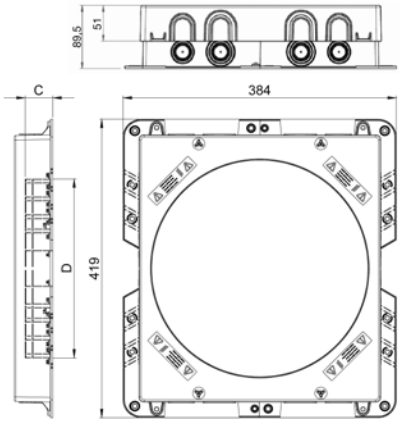
ART. NO.
G201

2 double modules



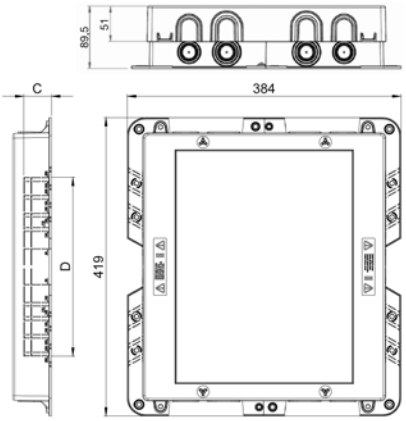
ART. NO.
G301C

3 double modules



ART. NO.
G401

4 double modules

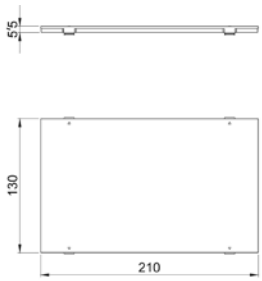


Art. No.	No. of double modules	Service box opening dimensions	Depth X	Tube entry pre-punched hole no.	Trunking access CxD	
G201	2	272 x 343	54.5 to 90**	8 x Ø 20 8 x Ø 25 8 x Ø 32 4 x Ø 40	50 100 110 140 150 190 *200 *240 *250	x28 x38
G301C	3	419 x 384				
G401	4					

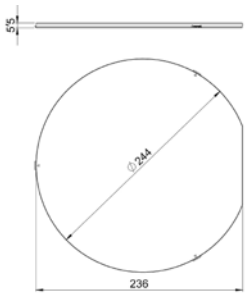
* Only for G301C and G401
** Excluding floor finish

TRIM COVERS

ART. NO.
52053202-035
2 double modules



ART. NO.
52053203-035
3 double modules

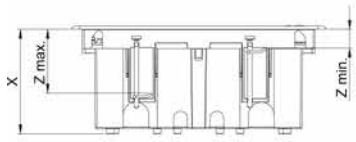


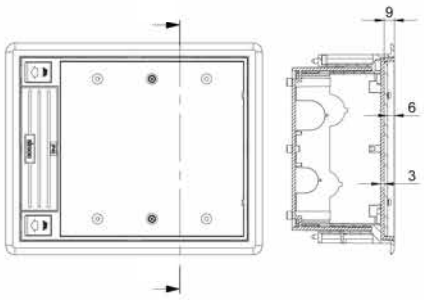
ART. NO.
52053204-035
4 double modules

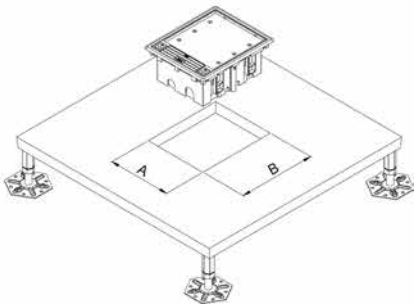
ADJUSTABLE DEPTH FLOOR BOXES

- Product designed according to the Safety Requirements of Directive 2006/95/EC (Low Voltage) through compliance with UNE-EN 60670-23 standard.
- Product with CE marking CE.
- IP protection degree: 4X
- IK impact resistance degree: 08
- Temperature range during installation: –5 °C to +60 °C
- Maximum temperature during construction work of +90 °C

INSTALLATION IN RAISED FLOOR



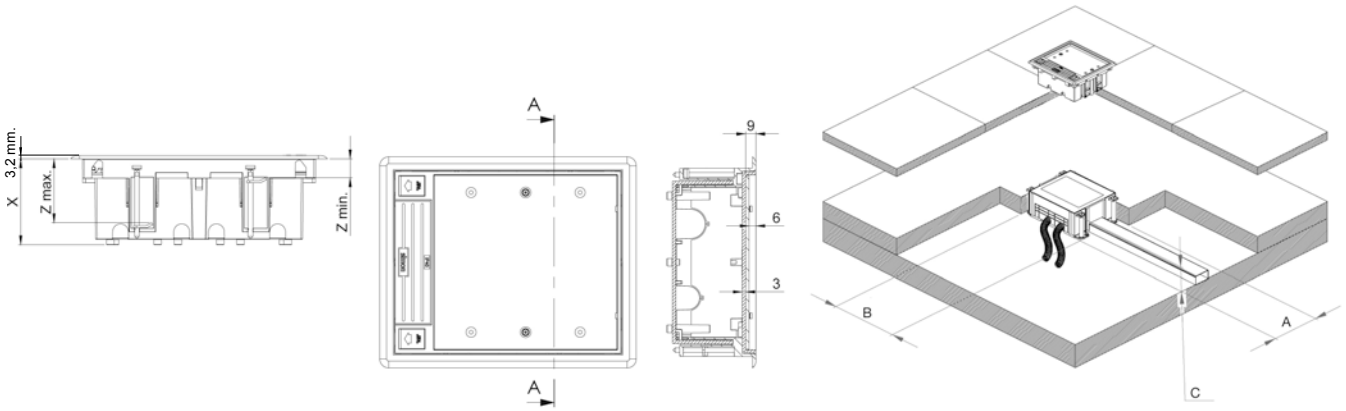




Dimensions in mm

Art. No.	No. of double modules	Opening dimensions AxB	Depth X	No. of pre-punched holes	Maximum load (kg)	Adjustment Z Min.	Adjustment Z Max.
KF210-...	2	170x115	Adjustable from 90 to 120 mm	2 x Ø26 + 4 x Ø20 + 2 x Ø12.5	800	14	54
KF410-...	4	170x155		4 x Ø26 + 4 x Ø20	1400	14	54
KF610-...	6	170x210		2 x Ø26 + 6 x Ø20 + 4 x Ø12.5	1700	14	54
KF810-...	8	170 x 265		5 x Ø26 + 5 x Ø20	1300	14	54
KF1210-...	12	210 x 300		5 x Ø26 + 5 x Ø20 + 4 x Ø12.5	1800	14	54

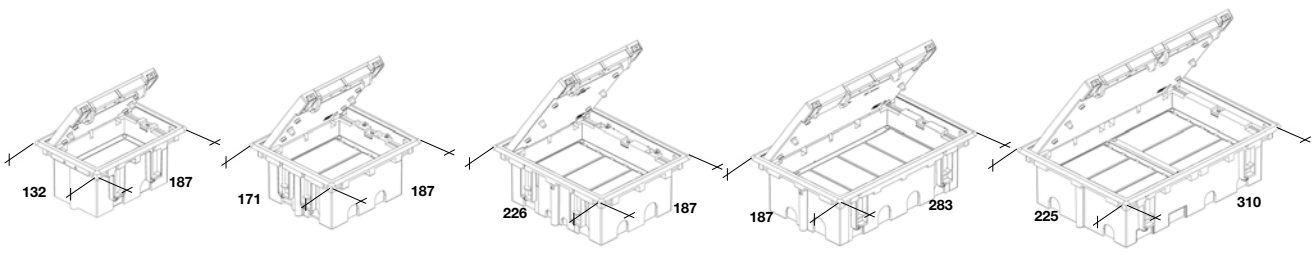
INSTALLATION IN CONCRETE FLOOR



Art. No.	No. of modules	Plastic tray AxB	Depth X	No. of pre-punched holes	Maximum load (kg)	Adjustment Z Min.	Adjustment Z Max.
KF270-...	2	220 x 172	Adjustable from 76 to 100 mm	2 x Ø26 + 2 x Ø20 + 2 x Ø12.5	800	14	54
KF470-...	4	220 x 172		4 x Ø26 + 4 x Ø20	1400	14	54
KF670-...	6	220 x 227		2 x Ø26 + 6 x Ø20 8 + 8 x Ø12.5	1700	14	54
KF670-...	8	220 x 286		4 x Ø26 + 4 x Ø20 + 4 x Ø12.5	1300	14	54
KF1270-...	12	259 x 312		4 x Ø26 + 4 x Ø20 + 8 x Ø12.5	1800	14	54

OPENING DIRECTION AND EXTERIOR DIMENSIONS OF THE BOXES

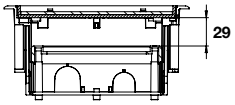
1 double module **2 double modules** **3 double modules** **4 double modules** **6 double modules**



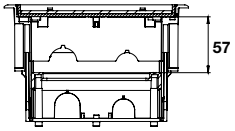
FREE INSIDE SPACE WITH MINIMUM AND MAXIMUM ADJUSTMENT

Raised floor

Minimum adjustment

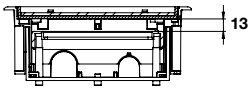


Maximum adjustment

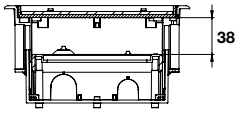


Concrete floor

Minimum adjustment



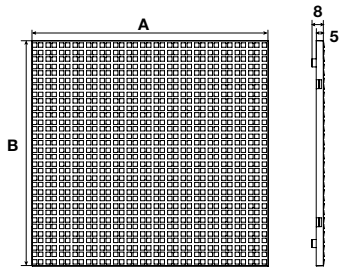
Maximum adjustment



TRIM COVER

Trim cover dimensions to customise with carpet, parquet, etc.

Art. No.	No. of double modules	Dimension A	Dimension B
52053101-..	1	154	66
52053102-..	2	154	107
52053103-..	3	154	160
52053104-..	4	118	247
52053106-..	6	282	156



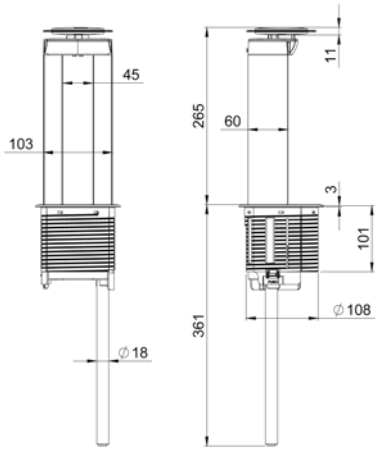
TELEBLOCK

- Product designed according to the Safety Requirements of Directive 2006/95/EC (Low Voltage) through compliance with UNE-EN 60670 standard.
- Product with CE marking CE.
- IP protection degree: 4X
- Temperature range during installation: –5 °C to +60 °C
- Maximum temperature during construction work is +60 °C
- Manufactured in anodised aluminium

TELEBLOCK, AUTOMATIC ELEVATION

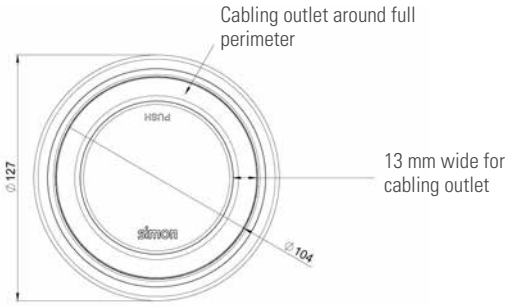
ART. NO.

KTLE205



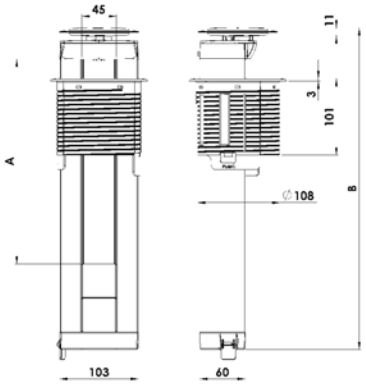
ART. NO.

KTLA1/..



Dimensions in mm

TELEBLOCK, MANUAL ELEVATION



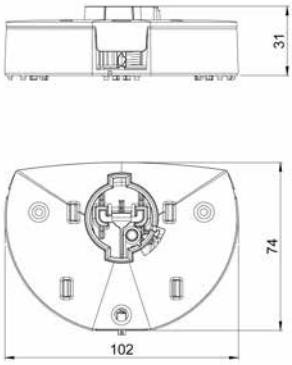
Art. No.	No. of wide K45 modules	Dimensions A	Dimensions B	Opening dimensions
KTL202	2	89	242	Ø114
KTL203	3	135	287	Ø114
KTL204	4	180	332	Ø114
KTL205	5	225	377	Ø114
KTL206	6	269	422	Ø114

SPARE PARTS

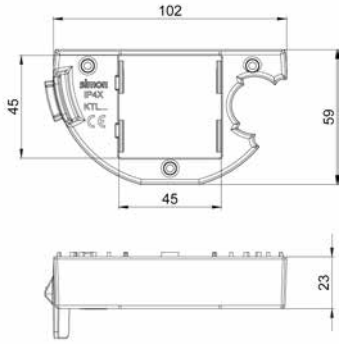
ART. NO.
KTLA2
Gas cylinder for automatic Teleblock elevation

Gas cylinder technical data:
Ø18 - 8 mm
Piston travel 271 mm
Closing force: 50 N
Temperature range: –30 °C - +80 °C

ART. NO.
KTLA5



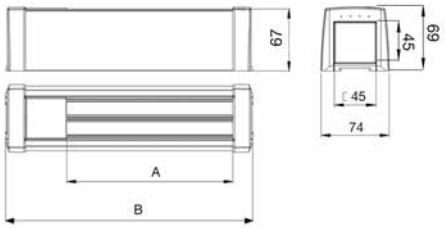
ART. NO.
KTLA6



OFIBLOCK PLUS

- Product designed according to the Safety Requirements of Directive 2006/95/EC (Low Voltage) through compliance with UNE-EN 60670 standard.
- Product with CE marking CE.
- IP protection degree: 4X
- Temperature range during installation: –5 °C to +60 °C
- Maximum temperature during construction work is +60 °C
- Manufactured in anodised aluminium

OFIBLOCK PLUS PROFILE

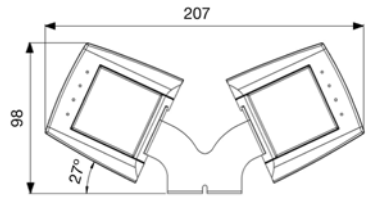


Art. No.	No. of wide K45 modules	Dimensions A	Dimensions B
KFP101/..	1	45	130
KFP102/..	2	90	175
KFP103/..	3	135	220
KFP104/..	4	180	265
KFP105/..	5	225	310
KFP106/..	6	270	355
KFP107/..	7	315	400
KFP108/..	8	360	445

FASTENING BRACKET ON RAISED FLOOR (TANDEM CONFIGURATION)

ART. NO.

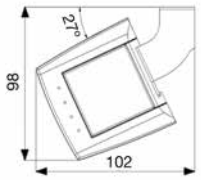
KSF2



FASTENING BRACKET UNDER DESK (INDIVIDUAL CONFIGURATION)

ART. NO.

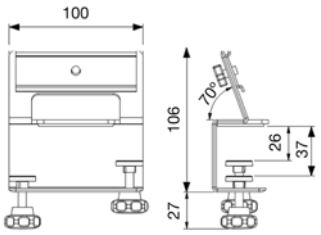
KSF1



DESK TOP FASTENING BRACKET

ART. NO.

KSF3

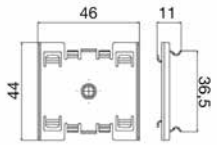


Quick-connect plate and cable access information on pages 572-574

DIN RAIL FASTENING BRACKET

ART. NO.

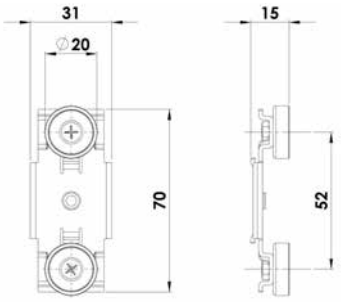
KSF5



MAGNET FASTENING BRACKET

ART. NO.

KSF6



Ø	Height	Weight	Force
20 mm	6 mm	12.5 g	9 kg

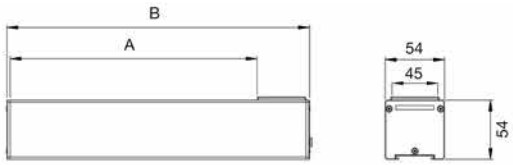
Type of magnet: Neodymium

Dimensions in mm

OFIBLOCK COMPACT

- Product designed according to the Safety Requirements of Directive 2006/95/EC (Low Voltage) through compliance with UNE-EN 60670 standard.
- Product with CE marking CE.
- IP protection degree: 4X
- Temperature range during installation: –5 °C to +60 °C
- Maximum temperature during construction work is +60 °C
- Manufactured in Anodised Aluminium

OFIBLOCK COMPACT PROFILES

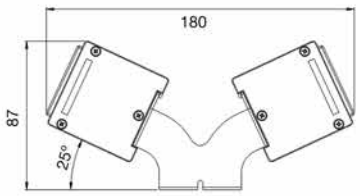


Art. No.	No. of wide K45 modules	Dimensions	
		A	B
KFC102/..	2	90	135
KFC103/..	3	135	180
KFC104/..	4	180	225
KFC105/..	5	225	270
KFC106/..	6	270	315
KFC107/..	7	315	360
KFC108/..	8	360	405
KFC109/..	9	405	450
KFC110/..	10	450	495

FASTENING BRACKET ON RAISED FLOOR (TANDEM CONFIGURATION)

ART. NO.

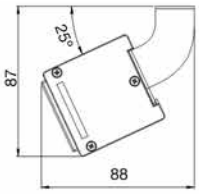
KSF2



FASTENING BRACKET UNDER DESK (INDIVIDUAL CONFIGURATION)

ART. NO.

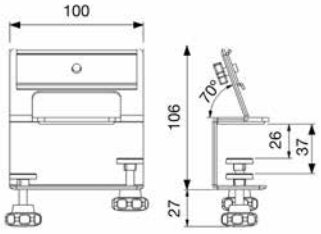
KSF1



DESK TOP FASTENING BRACKET

ART. NO.

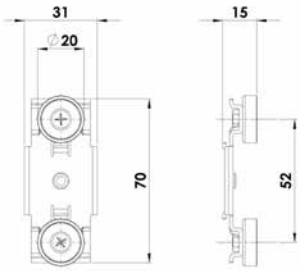
KSF3



MAGNET FASTENING BRACKET

ART. NO.

KSF6

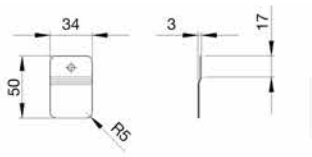


Ø	Height	Weight	Force
20 mm	6 mm	12.5 g	9 kg

Type of magnet: Neodymium

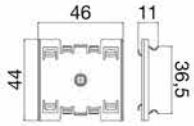
WALL MOUNTING BRACKET

ART. NO.
KSF4



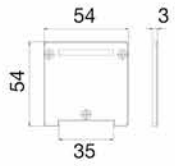
DIN RAIL FASTENING BRACKET

ART. NO.
KSF5

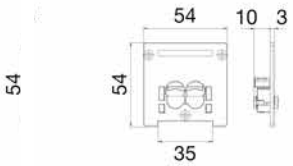


MODULAR ENTRY COVERS

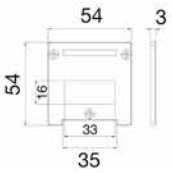
ART. NO.
ACFC01/24



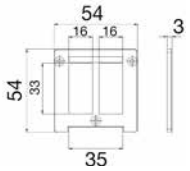
ART. NO.
ACFC02/24



ART. NO.
ACFC03/24



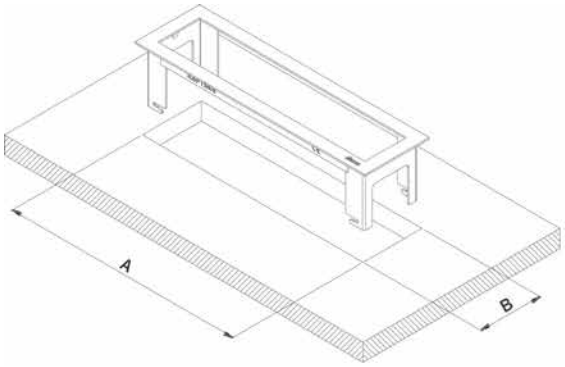
ART. NO.
ACFC04/24



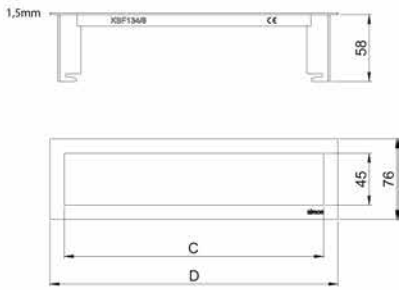
Wire cross-section.
Maximum Ø 8 mm / Minimum Ø 3.5 mm

OFIBLOCK LINE

OFIBLOCK LINE OPENING



OFIBLOCK LINE



Art. No.	No. of wide K45 modules	Dimensions		Dimensions	
		A	B	C	D
KSF131/8	1	105	64	90	121
KSF132/8	2	150	64	135	166
KSF134/8	4	240	64	225	256
KSF136/8	6	330	64	315	346

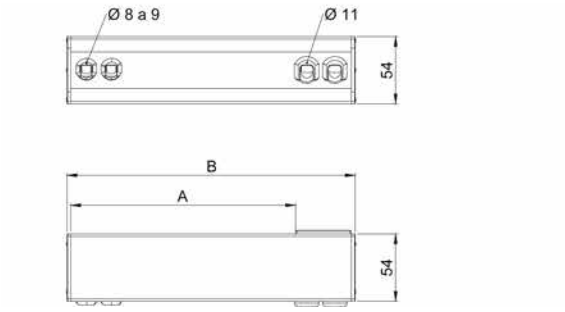
Dimensions in mm

INSTALLATION IN FURNITURE

	Max. furniture thickness C	Min. furniture thickness C
Mounted with side cable retainer plate	24	10
Mounted with 1 quick-connect connector	20	

For furniture over 24 mm thick, needs to be combined with K45 Ofiblock Line profile with rear cable inlets.

OFIBLOCK PROFILES WITH REAR INLETS



Art. No.	No. of wide K45 modules	Dimensions	
		A	B
KFC131/14	1	45	90
KFC132/14	2	90	135
KFC134/14	4	180	225
KFC136/14	6	270	315

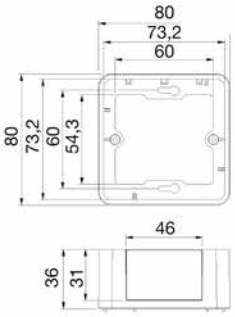
SURFACE-MOUNT & FLUSH-MOUNT WALL BOXES

- Product designed according to the Safety Requirements of Directive 2006/95/EC (Low Voltage) through compliance with UNE-EN-60670 standard.
- Product with CE marking CE.
- IP protection degree: 4X
- Temperature range during installation: –5 °C to +60 °C
- Maximum temperature during construction work of +60 °C (surface-mount) / +90 °C (flush-mount)

INDIVIDUAL SURFACE-MOUNT BOX

ART. NO.

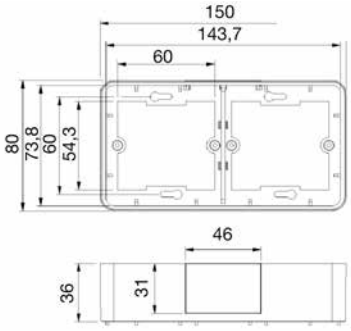
R250/..



DOUBLE SURFACE-MOUNT BOX

ART. NO.

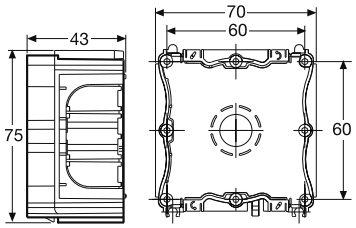
R450/..



UNIVERSAL FLUSH-MOUNT BOX

ART. NO.

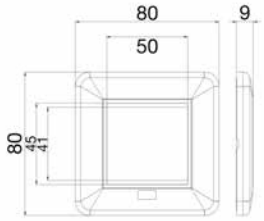
31710-61



INDIVIDUAL FRAME AND FRAME-HOLDER

ART. NO.

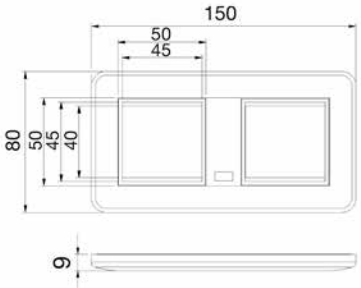
KR245/..



DOUBLE FRAME AND FRAME-HOLDER

ART. NO.

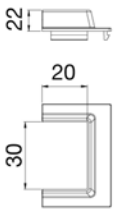
KR445/..



MINI-TRUNKING ACCESS

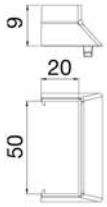
ART. NO.

SCM21F/9



ART. NO.

SCM31F/9



Dimensions in mm

IP66 WATERTIGHT FLOOR BOXES

- Product designed according to the Safety Requirements of Directive 2006/95/EC (Low Voltage) through compliance with UNE-EN 60670 standard.
- Product with CE marking CE.
- Temperature range during installation: –25 °C to +60 °C
- Maximum temperature during construction work of +90 °C

CLOSED BOX

- Protection degree IP66
- Impact Protection degree IK07 (with IP66)
- Maximum load per unit area: 12 kg/cm2
- Total maximum load: 1000 kg

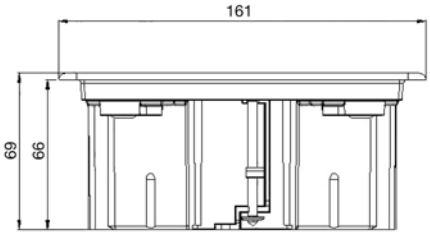
OPEN BOX

- Protection degree IP20
- Impact Protection degree IK06 (with IP20)
- Maximum load per unit area: 4 kg/cm2
- Total maximum load: 100 kg

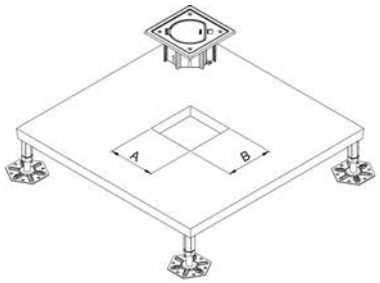
TRAY FOR RAISED FLOOR

ART. NO.

KGE170TF/23



INSTALLATION IN RAISED FLOOR

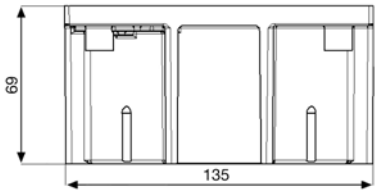


Opening dimensions AxB
145 x 145

TRAY FOR CONCRETE FLOOR

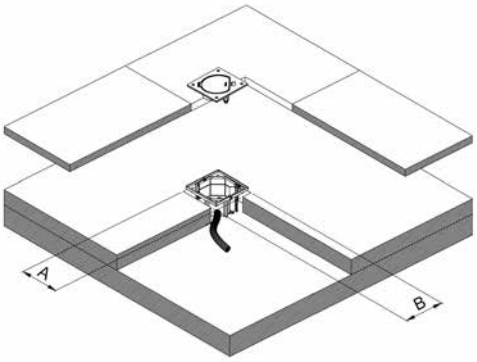
ART. NO.

KGE170/23



Safety lock: Opening with 6 mm Allen key

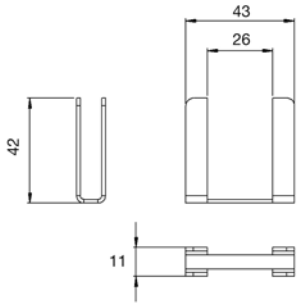
INSTALLATION IN CONCRETE FLOOR



Opening dimensions AxB
135 x 135

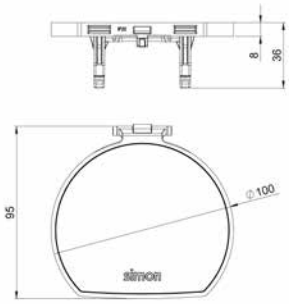
JOINT ACCESSORY

ART. NO.
ACSE

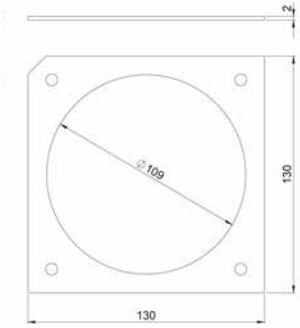


SPARE PARTS

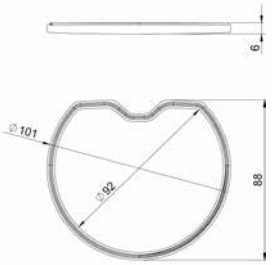
ART. NO.
RKS001/..



ART. NO.
RKS003



ART. NO.
RKS004

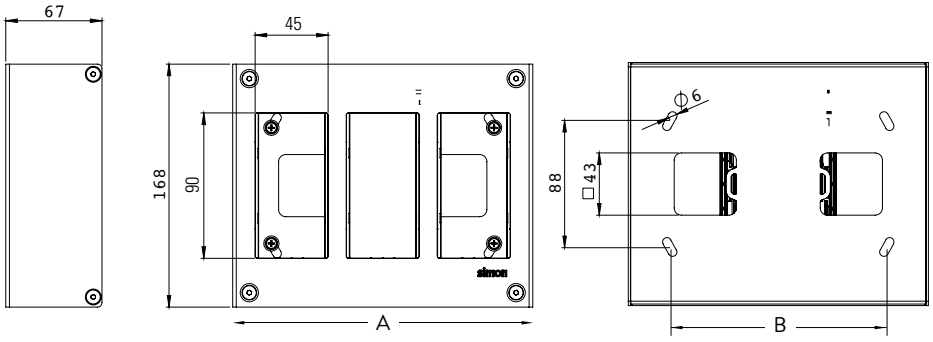


METAL ENCLOSURES

- Product designed according to the Safety Requirements of Directive 2006/95/EC (Low Voltage) through compliance with UNE-EN 50085-1:2006 (for mini-tower) and UNE-EN 60670-1:2006 (for boxes)
- Frame manufactured in AISI 430 ferritic stainless steel
- Reinforced aluminium structure with epoxy paint
- Impact resistance degree: IK10 except for art.nos. with an asterisk (*), which have an IK08 rating
- IP protection degree: IP40

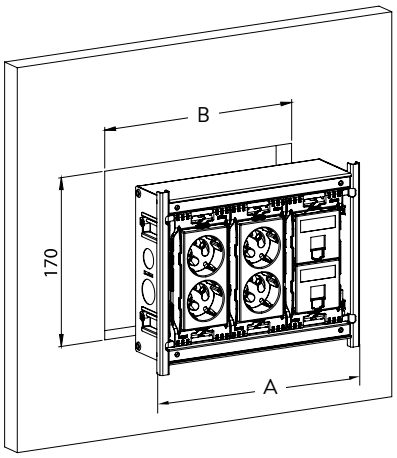
SURFACE-MOUNT WALL BOX

Art. No.	No. of double modules	Dimensions A	Dimensions B
KM301/8	3	207.5	149
KM401/8	4	270.5	212
KM601/8	6	396.5	332



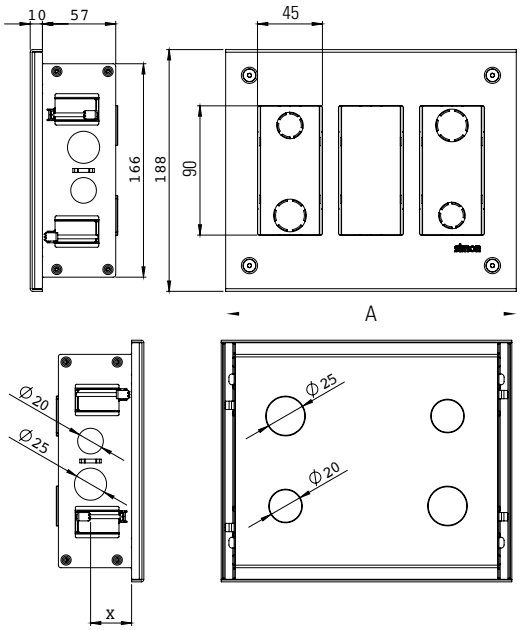
FLUSH-MOUNT WALL BOX

		Complete box	Opening
Art. No.	No. of double modules	Dimensions A	Dimensions B
KTC300/8	3	226	208
KTC400/8	4	289	271
KTC600/8	6	415	397



Dimensions in mm

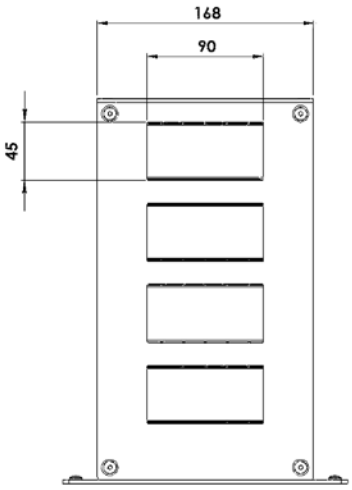
Art. No.	No. of double modules	Min. X	Max. X
KTC300/8	3	2	30
KTC400/8	4		
KTC600/8	6		

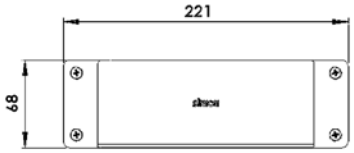


MINI-TOWER

ART. NO.

KT0X00/8





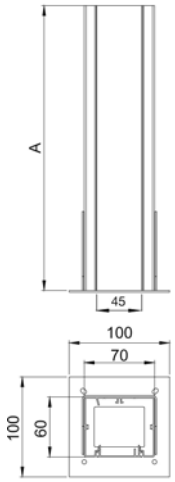
Art. No.	No. of heights	No. of modules	Height (mm)
KT0800/8*	4	8	298.5
KT0100/8*	5	10	361.5

MINI-COLUMNS AND COLUMNS

- Product designed according to the Safety Requirements of Directive 2006/95/EC (Low Voltage) through compliance with UNE-EN-50085 standard.
- Product with CE marking CE.
- IP protection degree: 4X
- Temperature range during installation: –25 °C to +120 °C
- Maximum temperature during construction work of +120 °C
- Manufactured in anodised / painted aluminium

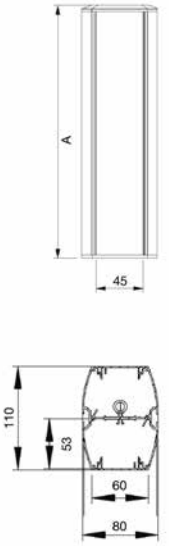
MINI-COLUMNS

ART. NO.
ALK11X/8



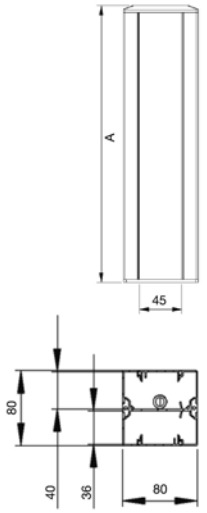
No. of wide K45 modules	A
5	270
6	315
7	360

ART. NO.
ALK72X/8



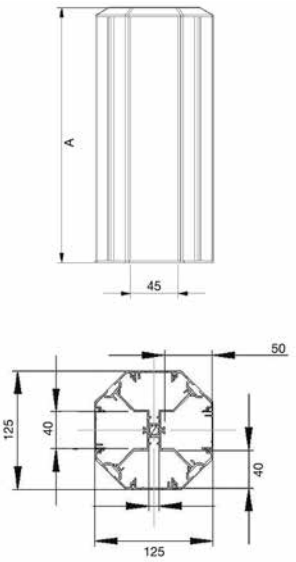
No. of wide K45 modules	A
4	210
5	260
6	310

ART. NO.
ALK22X/8



No. of wide K45 modules	A
4	225
5	285
7	345

ART. NO.
ALK54X/8

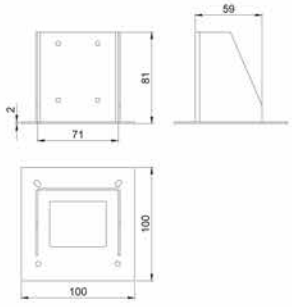


No. of wide K45 modules	A
4	210
5	260
6	310

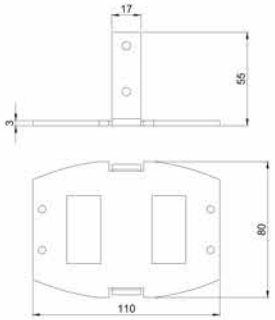
MINI-COLUMN SPARE PARTS

INVISIBLE FIXED BASE

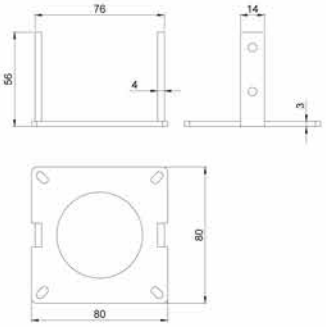
ART. NO.
RALK005/8



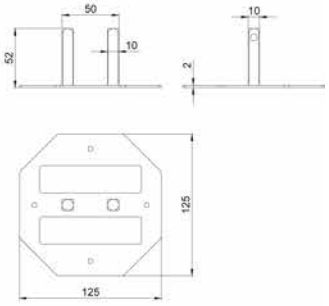
ART. NO.
RALK006/8



ART. NO.
RALK007/8



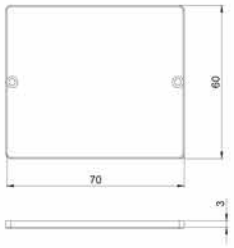
ART. NO.
RALK008/8



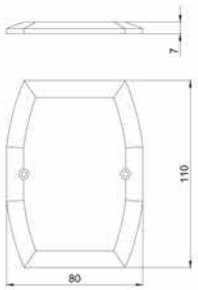
Dimensions in mm

END COVER

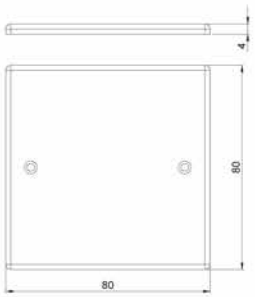
ART. NO.
RALK009/8



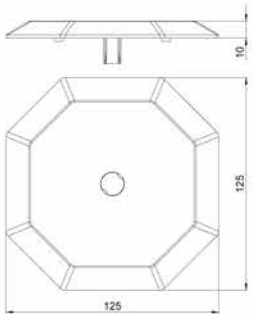
ART. NO.
RALK010/8



ART. NO.
RALK011/8



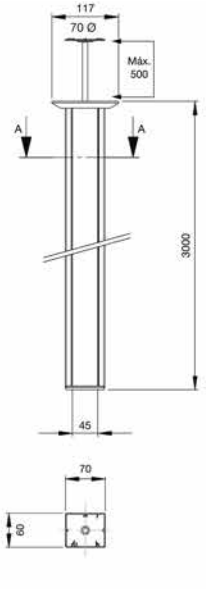
ART. NO.
RALK012/8



K45 COLUMNS

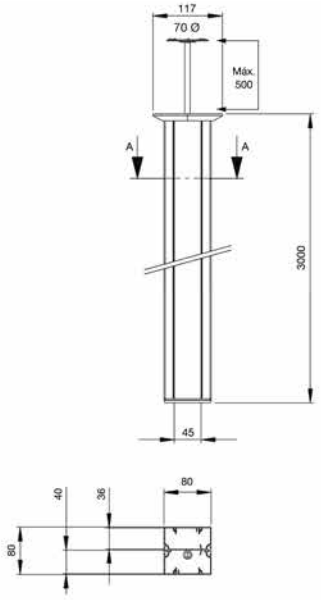
ART. NO.
ALK1100/8

1-sided



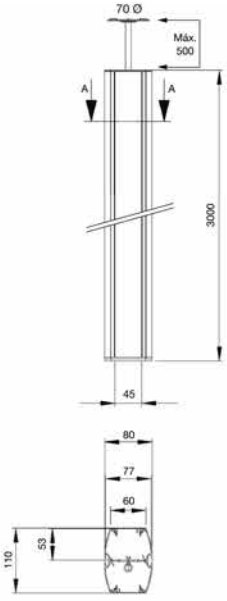
ART. NO.
ALK2200/8

2-sided, square



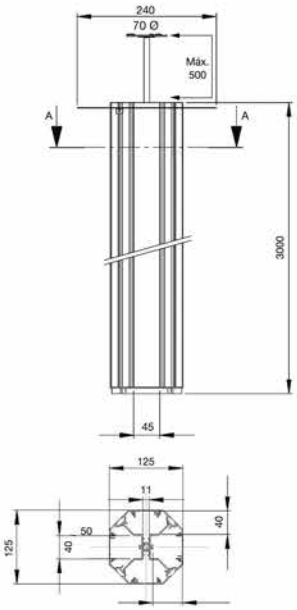
ART. NO.
ALK7200/8

2-sided, oval



ART. NO.
ALK5400/8

4-sided

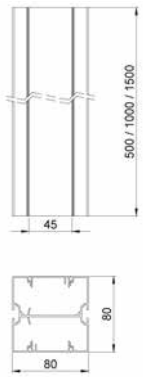


Note: Telescopic guide of maximum 500 mm in length

COLUMN EXTENSIONS

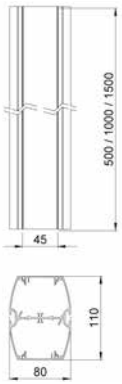
ART. NO.
ALK22PXX/8

2-sided, square



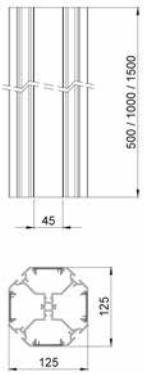
ART. NO.
ALK72PXX/8

2-sided, oval



ART. NO.
ALK54PXX/8

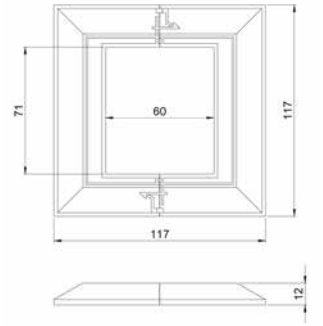
4-sided



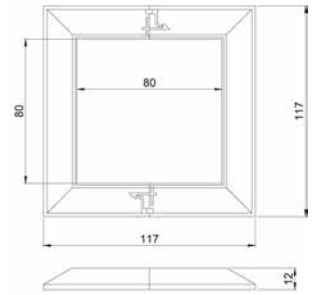
COLUMN SPARE PARTS

TRIM

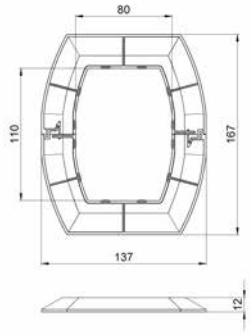
ART. NO.
RALK001/8



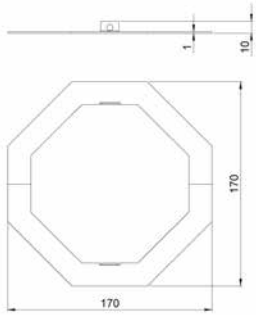
ART. NO.
RALK002/8



ART. NO.
RALK003/8

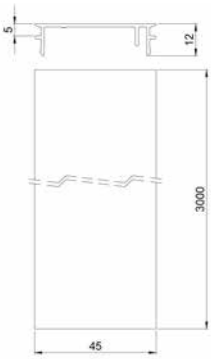


ART. NO.
RALK004/8

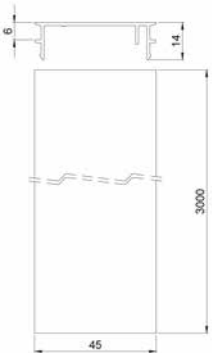


FRONT COVER

ART. NO.
RALK013/8



ART. NO.
RALK014/8

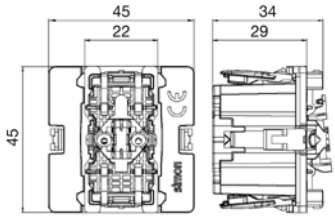


SINGLE-POLE SWITCHING MECHANISMS, 16 AX 250 V ac

- Products designed according to the Safety Requirements of Directive 2006/5/EC (Low Voltage) through compliance with UNE-EN 60669 standard.
- Product with CE marking CE.
- Electrical features: 16 AX 250 V ac

MECHANISMS

ART. NO.
K301 / K302 / K303 / K304

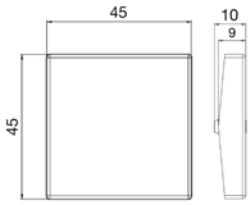


Wiring diagrams			
Art. No. K301	**Art. No. K302**	**Art. No. K303**	**Art. No. K304**

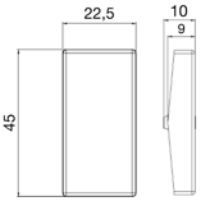
Dimensions in mm

ROCKERS

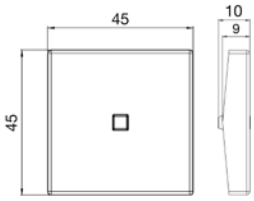
ART. NO.
K110/..



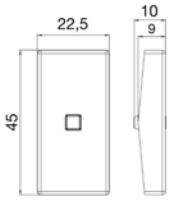
ART. NO.
K109/.



ART. NO.
K112/.. / K114/..



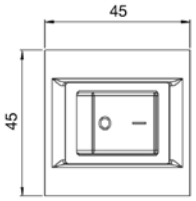
ART. NO.
K113/.. / K115/..



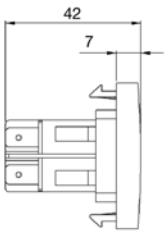
2-POLE ONE-WAY SWITCHES, 16 AX 250 V ac

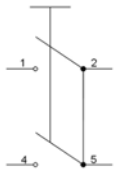
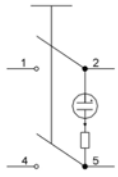
- Products designed according to the Safety Requirements of Directive 2006/5/EC (Low Voltage) through compliance with UNE-EN 60669 standard.
- Product with CE marking CE.
- Electrical features: 16 AX 250 V ac

ART. NO.
K125A/..



ART. NO.
KL04/..

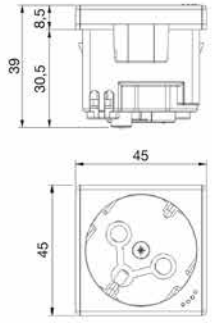


Wiring diagrams	
Art. No. K125A	**Art. No. KL04**
	

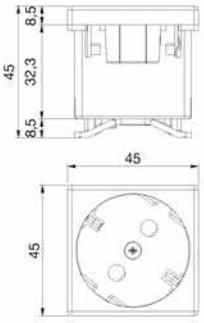
ELECTRICAL SOCKETS, 16 A 250 V ac

- Products designed according to the Spanish standard UNE-20315 (German sockets) or standard NF C 61-303 (French sockets)
- Electrical features: 16 A / 250 V ac
- IP protection degree: 20

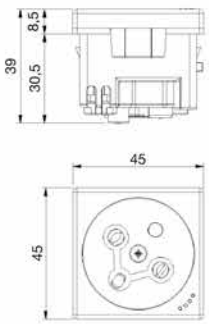
ART. NO.
K02/.. - K01/.. - KL02/.. - KL01/..



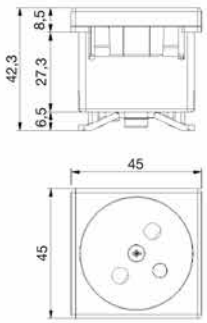
ART. NO.
K11/.. - KS11/..



ART. NO.
KLS02/.. - KLS01/..

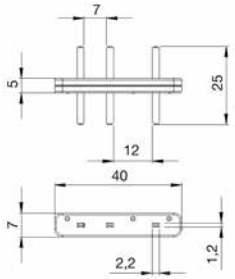


ART. NO.
K22/.. - KS22/..



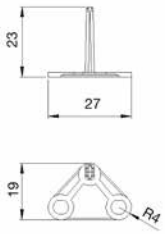
ART. NO.

AC11



ART. NO.

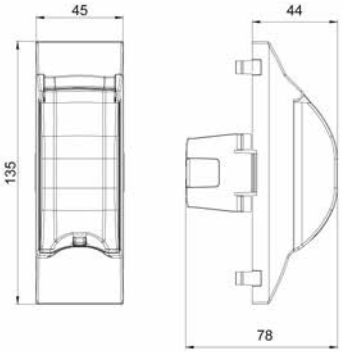
AC33



PROTECTION ELEMENTS

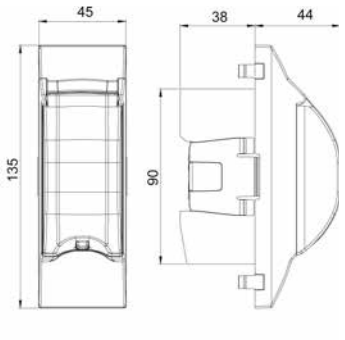
ART. NO.

KF03/..



ART. NO.

KF04/..

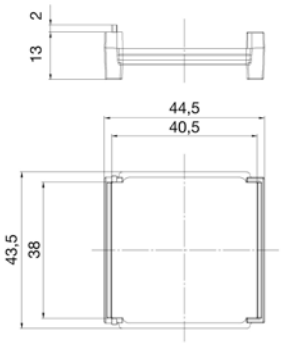


VOICE AND DATA PLATES

90° POSITIONER

ART. NO.

K66

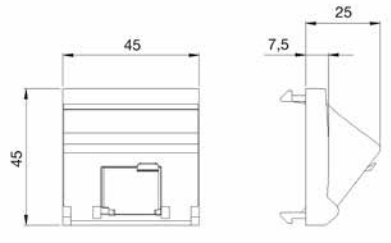


Dimensions in mm

ANGLED PLATES

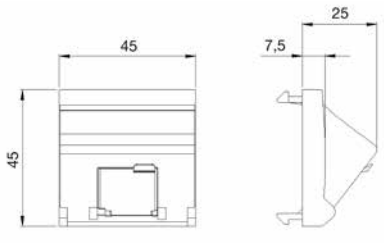
ART. NO.

K80XX/.. , K80/..



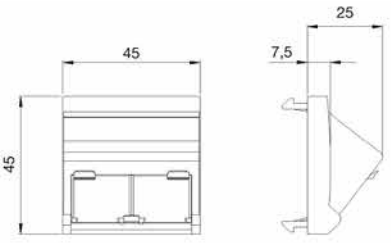
ART. NO.

K080XX/.. , K080/..



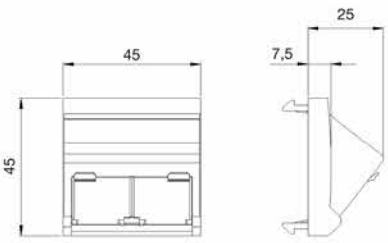
ART. NO.

KB80XX/.. , KB80/..



ART. NO.

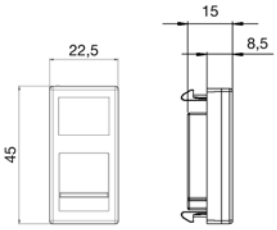
KB080XX/.. , KB080/..



FLAT PLATES

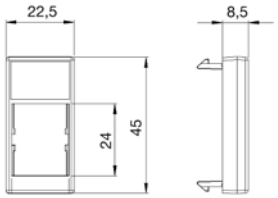
ART. NO.

KAXX/..



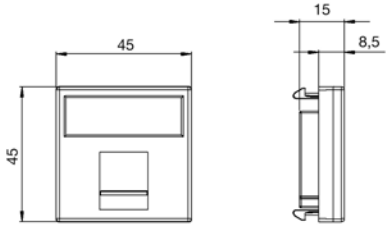
ART. NO.

K281/.. , KA045/..



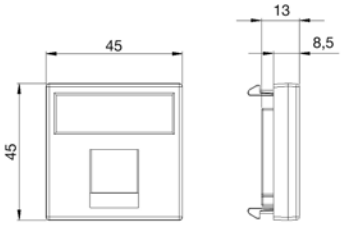
ART. NO.

KXX/..



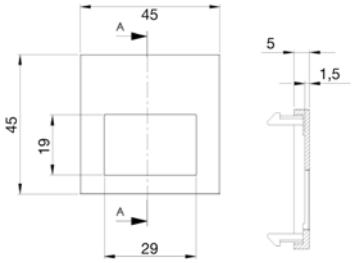
ART. NO.

K0XX/..



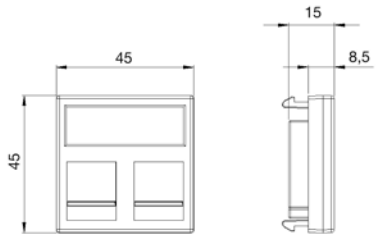
ART. NO.

KB72/..



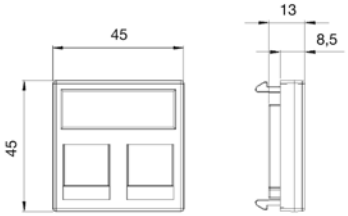
ART. NO.

KBXX/..



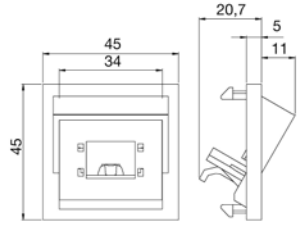
ART. NO.

KB0XX/..



ART. NO.

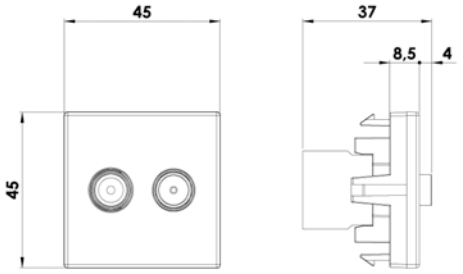
K054/..



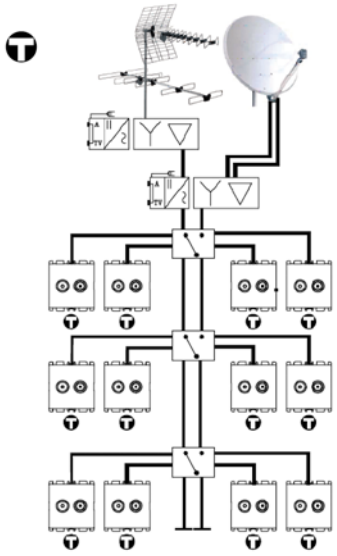
TV-SAT SOCKETS AND PLATES

ART. NO.

K130A/..



Example TV-SAT installation on a branch



Single socket TV-SAT 5-2400 MHz Direct, consisting of:
- 1 IEC type male TV connector, Ø 9.5 mm
- 1 type F female SAT connector

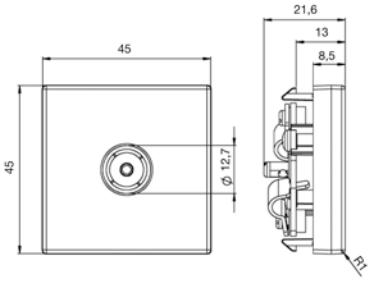
Technical features:
- Connection attenuation = 2 dB
  Maximum current pass = 24 V 500 mA (*)
- Cable diameter accepted = 4 - 7 mm
- Operating temperature range = 10 - 55 °C
- According to general standard EN 50083-4
- Male connector according to IEC 61169-2
- Female connector according to IEC 61169-24

(*) Passage of direct current and control signals (24 V 500 mA maximum) is permitted only through the female F connector (SAT).

Several typesLoss		Branching loss	
TV	SAT	TV	SAT
47 - 862 MHz	950 - 2400 MHz	47 - 862 MHz	950 - 2400 MHz
-	-	= 2	= 2

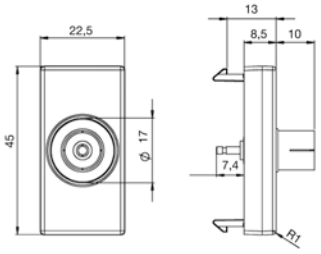
ART. NO.

K120A/..



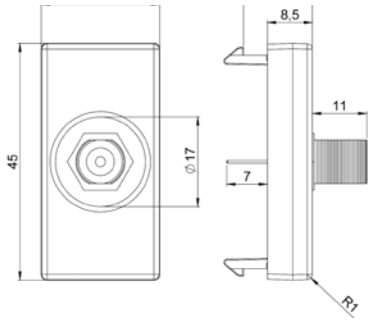
ART. NO.

K120B/..



ART. NO.

K102C/..

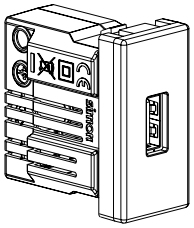


Dimensions in mm

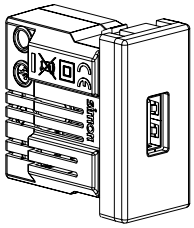
MULTIMEDIA CONNECTORS

POWER OUTLETS

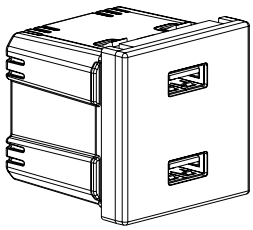
ART. NO.
K126C/..



ART. NO.
K126D/..

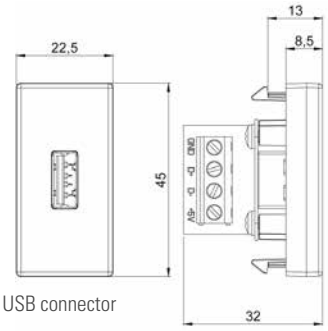


ART. NO.
K126E/..



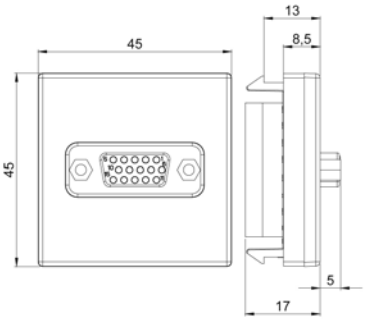
SCREW-TERMINAL CONNECTION SYSTEM

ART. NO.
K128B/..

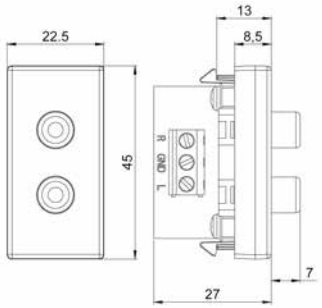


Type A USB connector

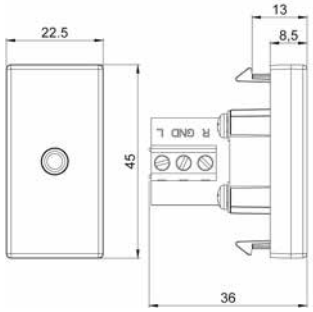
ART. NO.
K100B/..



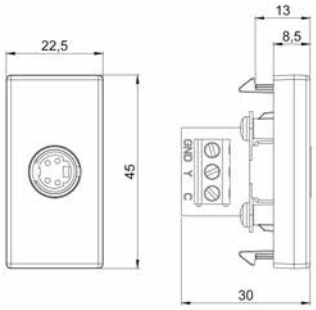
ART. NO.
K101B/..



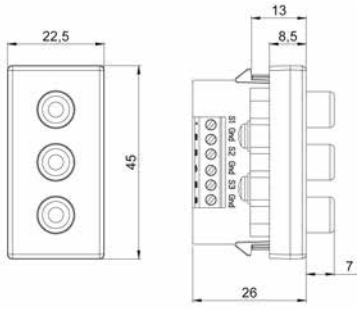
ART. NO.
K123B/..



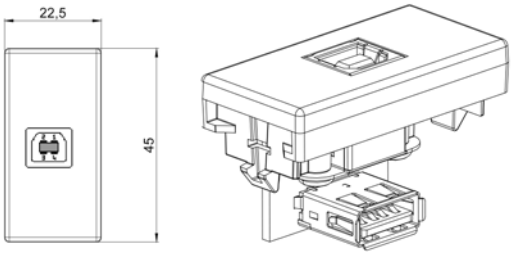
ART. NO.
K103B/..



ART. NO.
K105B/..



ART. NO.
K131B/..



Connector	Cable type	Cable composition	Features	Max. recommended distance:
Type A HDMI	Category 1	Standard HDMI patch cord 28 AWG (consisting of 19 wires)	Transmission of video at 720p or 1080i	5 metres
	Category 2	High speed HDMI patch cord 24 AWG (consisting of 19 wires)	Transmission of video at 1080p and higher	12 metres
USB 2.0	Low Speed	Patch cord / Lead with 4 cables + mesh shielding	Transmission speed: 10 kb/s - 1.5 Mb/s	5 metres
	High Speed		Transmission speed: 25 - 480 Mb/s	2.2 metres
2 RCA	Coaxial cable	Patch cord / Lead with 2 coaxial cables	Stereo audio with frequency range of 0 - 100 MHz	30 metres
Mini-Jack	Mini-Jack cable	Patch cord / Lead with 2 coaxial cables + mesh shielding	Stereo audio with frequency range of 0 - 100 MHz	30 metres
S-Video	S-Video cable	Patch cord / Lead with 2 coaxial cables + mesh shielding	Transmission of video at 480p or 576i	30 metres
VGA 15HD	VGA 15HD cable	Patch cord / Lead with 3 coaxial cables + 7 cables + mesh shielding	Transmission of video at 640 x 480 (480p)	30 metres
3 RCA	3 RCA cable	Patch cord / Lead with 3 coaxial cables	Transmission of video at 480p and stereo audio	20 metres
In installations requiring longer cabling, consult your dealer.				

Dimensions in mm

simon
LIGHT UP EMOTIONS

www.simonelectric.com

SIMON, S.A.U.
Diputación, 390-392
08013 Barcelona
(Spain)

Sales
Tel. +34 935 478 181
E-mail: customerservice@simon.es

208430-01/22