

CONNECTIVITY FOR WORKPLACES

simon

HIDDEN SOLUTIONS



481 ESSENTIAL

Robust and practical workplace solutions which are not visible to the user.



482 DEPTH

More space for wiring distribution and housing for larger data & multimedia connectors in workplace installations not seen by the user.

VISIBLE SOLUTIONS



483 ROUND

Minimum space solution for shared workplaces in auxiliary furniture.



484 OVERDESK

Solution with a high aesthetic component where it is necessary to have visible access to power and data connections.

SOLUTIONS FOR **MEETING ROOMS**



485 INDESK

Solution where access to connections is frequent or where access is needed from both sides of the table.



486 SPINNER

Solution that hides power outlets, data and multimedia connectors at the spin of a button.



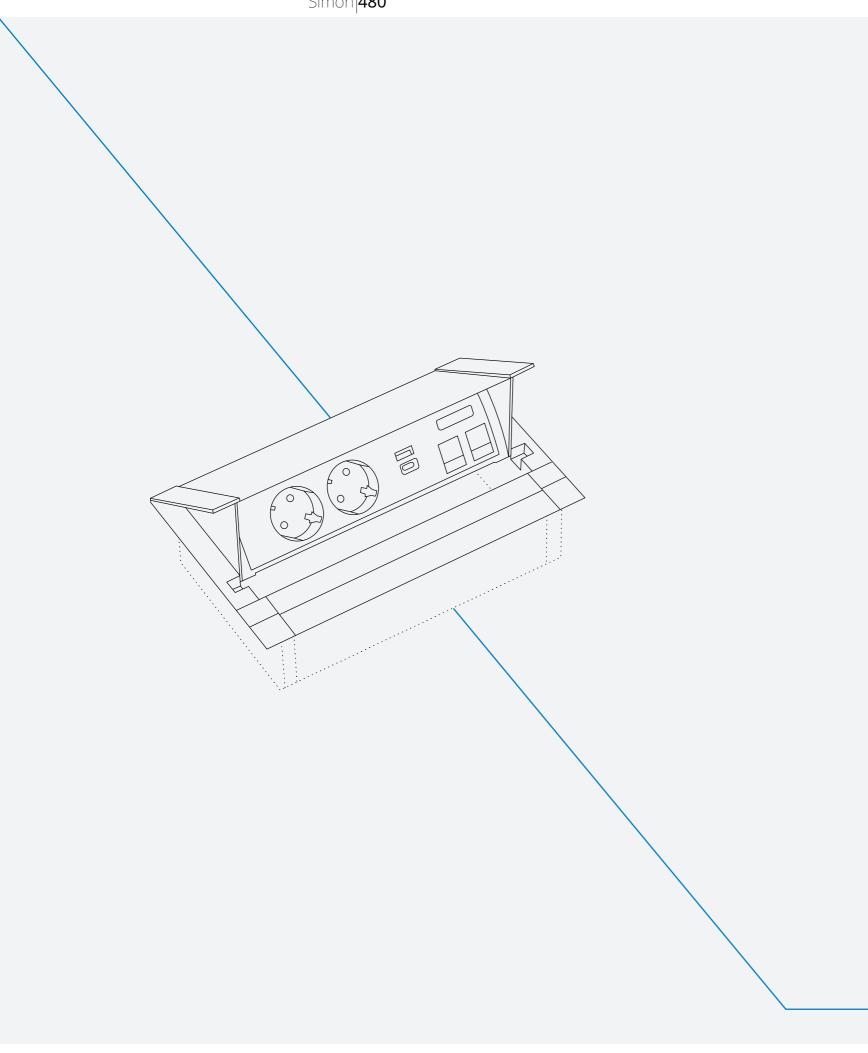
487 COVER

The elegance of the connections in the table that are only accessible and visible when needed.

Assembled and wired

solutions for office

furniture



ASSEMBLED AND WIRED: SPEED AND SAFETY



Assembled and wired

All solutions in the 480 range are supplied assembled and wired making installation as simple as placing it in position, fixing it and powering it.



Guarantee

Simon guarantees that each solution has been verified in the factory before supplying, avoiding having to review the connections.



Customisation

The solutions for workplaces in furniture are supplied completely tailored to the need of the project: number and type of socket-outlets, data plates and rj45 connectors, multimedia connectors and cable access.

100% COMPATIBLE

WITH SIMON FLEXIBLE CONNECTION SYSTEM





The distribution boxes are usually fixed under the raised floor

Energy distribution box

Its role is to centralize the layout of the work place connections in any office, whether large or small.

3 and 5-pole

The range of distribution boxes has specific references for installations in monophasic lines (3-pole) and triphasic lines (5-pole).

Connectors

It is possible to customise the number of lines, the number of connectors for each line and the shape of the required quick-connect connector (Wieland®, Wago®, etc.).

Tamper-proof

The box is supplied already assembled with tamper-proof screws to guarantee that the product has not been modified, ensuring the connections diagram remains unaltered.

Lifting

The range includes an accessory that allows the distribution box to be raised from the floor slab and allows cables to be distributed in the space provided while, simultaneously, preventing electrical disconnection in the event of contact with liquids due to a possible spillage.



Availability of length customisation, isolation type and colour upon request

Energy patch cords

Simon 480 furniture solution range are connected through energy patch cords. Their purpose is to connect the distribution box with the workplaces.

According to standard

Suitable for fixed installations according to the IEC 61535:2010 standard.

Visual identification of circuits

The colour of the connector indicates the connection type: black (standard energy line) and red (UPS stabilised energy line).

Suitable for all types of installation

Connector versions with 3 and 5-pole for use in the most common installations.

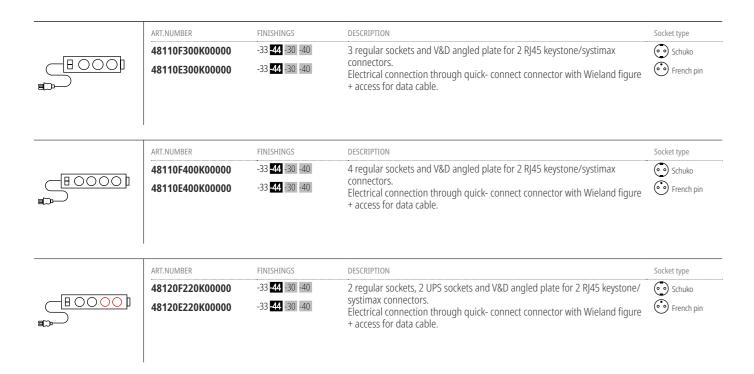


HIDDEN SOLUTIONS



PREDEFINED

KITS



10



Essential kit with 4 regular sockets and V&D angled plate for 2 RJ45 connectors. Electrical connection through quickconnect connector.

Ref. 48110F400K00000-30



Essential kit with 2 regular sockets, 2 UPS sockets and V&D angled plate for 2 RJ45 connectors. Electrical connection through quickconnect connector.

Ref. 48120F220K00000-30

	ART.NUMBER	FINISHINGS	DESCRIPTION	Socket type
8 ○○○ + ૄ૿ૺ	48130F300K00000 48130E300K00000	-33 -44 -30 -40 -33 -44 -30 -40	3 regular sockets and V&D angled plate for 2 RJ45 keystone/systimax connectors. Electrical connection through screw-terminal + access for data cable.	Schuko French pin
	ART.NUMBER	FINISHINGS	DESCRIPTION	Socket type
B 0000 + 8,8	48130F400K00000 48130E400K00000	-33 -44 -30 -40 -33 -44 -30 -40	4 regular sockets and V&D angled plate for 2 RJ45 keystone/systimax connectors. Electrical connection through screw-terminal + access for data cable.	Schuko French pin
	ART.NUMBER	FINISHINGS	DESCRIPTION	Socket type
	48130F220K00000	-33 -44 -30 -40	2 regular sockets, 2 UPS sockets and V&D angled plate for 2 RJ45 keystone/ systimax connectors.	Schuko





Depth kit with 4 regular sockets and V&D angled plate for 2 RJ45 connectors. Electrical connection through quick-connect connector.

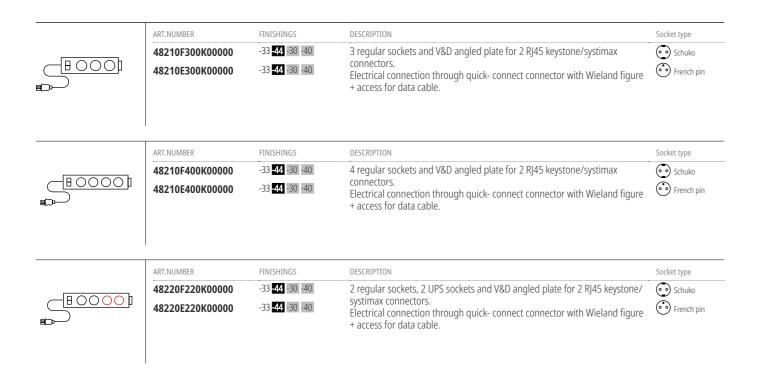
Ref. 48210F400K00000-30



Depth kit with 2 regular sockets, 2 UPS sockets and V&D angled plate for 2 RJ45 connectors.
Electrical connection through quick-connect connector.

Ref. 48220F220K00000-30

PREDEFINED **KITS**



12

	ART.NUMBER	FINISHINGS	DESCRIPTION	Socket type
B 000 + 600	48230F300K00000 48230E300K00000	-33 -44 -30 -40 -33 -44 -30 -40	3 regular sockets and V&D angled plate for 2 RJ45 keystone/systimax connectors. Electrical connection through screw-terminal + access for data cable.	Schuko French pin
	ART.NUMBER	FINISHINGS	DESCRIPTION	Socket type
B 0000] + 🞇	48230F400K00000 48230E400K00000	-33 44 -30 -40 -33 44 -30 -40	4 regular sockets and V&D angled plate for 2 RJ45 keystone/systimax connectors. Electrical connection through screw-terminal + access for data cable.	Schuko French pin
	ART.NUMBER	FINISHINGS	DESCRIPTION	Socket type
	48230F220K00000	-33 -44 -30 -40	2 regular sockets, 2 UPS sockets and V&D angled plate for 2 RJ45 keystone/	Schuko

Simon | 480



VISIBLE SOLUTIONS



483 ROUND

Single point solution for one user or to be used as a courtesy socket for plugged connections and USB devices



PREDEFINED **KITS**

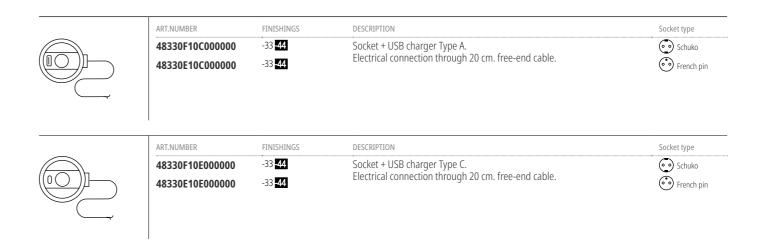
8310F10C000000 8310E10C000000	-33 -44	Socket + USB charger Type A.	Schuko
	-33 -44	Electrical connection through quick- connect connector with Wieland figure.	French pin
RT.NUMBER	FINISHINGS	DESCRIPTION	Socket type
8310F10E000000 8310E10E000000	-33 <mark>-44</mark> -33 <mark>-44</mark>	Socket + USB charger Type C. Electrical connection through quick- connect connector with Wieland figure.	Schuko French pin
ļ	8310F10E000000	8310F10E000000 -33 44	8310F10E000000 -33 44 Socket + USB charger Type C.

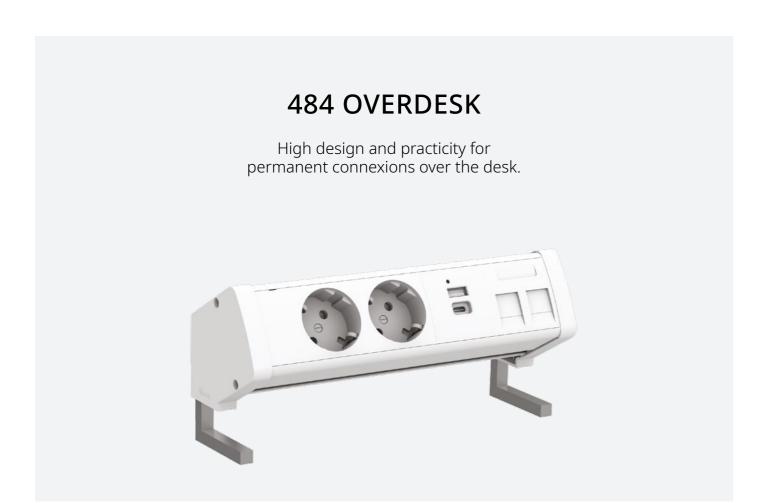
16



Round kit with 1 regular socket and USB charger type C.
Electrical connection through quick-connect connector.

Ref. 48310F10E000000-33







Overdesk kit with USB charger Type A+C, 3 regular sockets and V&D flat plate for 2 RJ45 keystone/systimax connectors. Electrical connection through quickconnect connector.

Ref. 48410F30BK00000-33

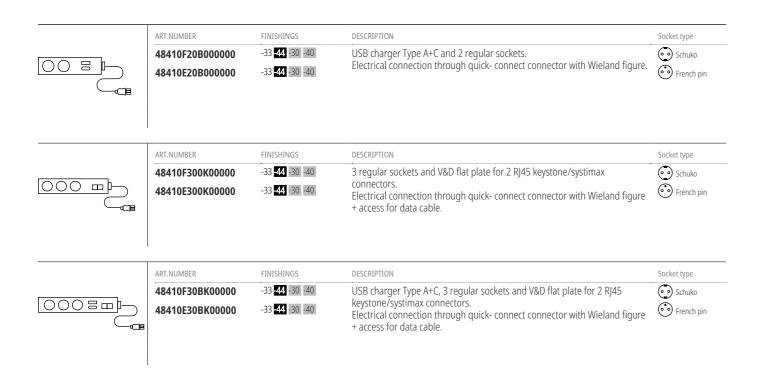


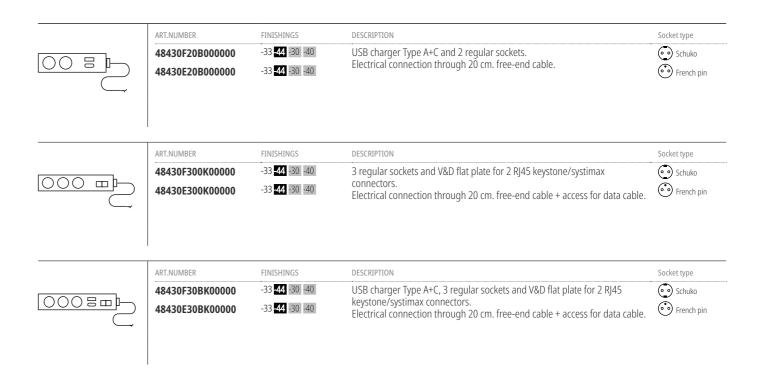


Overdesk kit with USB charger Type A+C and 2 regular sockets. Electrical connection through quickconnect connector.

Ref. 48410F20B000000-34

PREDEFINED KITS







SOLUTIONS FOR **MEETING ROOMS**

485 INDESK

Complete integration in the furniture in meeting rooms or recepction desks for non-permanent connectivity



PREDEFINED **KITS**

ART.NUMBER	FINISHINGS	DESCRIPTION	Socket type
48510F20B000000	-33 -44 -30 -40	USB charger Type A+C and 2 regular sockets.	Schuko
48510E20B000000	-33 -44 -30 -40	Electrical connection through quick- connect connector with Wieland figure.	French pin
ART.NUMBER 48510F300K00000 48510E300K00000	FINISHINGS -33 44 -30 -40 -33 44 -30 -40	3 regular sockets and V&D flat plate for 2 RJ45 keystone/systimax connectors. Electrical connection through quick- connect connector with Wieland figure + access for data cable.	Socket type Schuko French pir
ART.NUMBER 48510F30BK00000 48510E30BK00000	FINISHINGS -33 44 30 40 -33 44 30 40	USB charger Type A+C, 3 regular sockets and V&D flat plate for 2 RJ45 keystone/systimax connectors. Electrical connection through quick- connect connector with Wieland figure + access for data cable.	Socket type Schuko French pir

22



Indesk kit with USB charger Type A+C, 3 regular sockets and V&D flat plate for 2 RJ45 keystone/systimax connectors. Electrical connection through quickconnect connector.

Ref. 48510F30BK00000-33

	ART.NUMBER 48530F20B000000 48530E20B000000	FINISHINGS -33 44 -30 -40 -33 44 -30 -40	DESCRIPTION USB charger Type A+C and 2 regular sockets. Electrical connection through 20 cm. free-end cable.	Socket type Schuko French pin
	ART.NUMBER 48530F300K00000 48530E300K00000	FINISHINGS -33 44 30 -40 -33 44 30 -40	DESCRIPTION 3 regular sockets and V&D flat plate for 2 RJ45 keystone/systimax connectors. Electrical connection through 20 cm. free-end cable + access for data cable.	Socket type Schuko French pin
000 3 m	ART.NUMBER 48530F30BK00000 48530E30BK00000	FINISHINGS -33 44 -30 -40 -33 44 -30 -40	USB charger Type A+C, 3 regular sockets and V&D flat plate for 2 RJ45 keystone/systimax connectors. Electrical connection through 20 cm. free-end cable + access for data cable.	Socket type Schuko French pin







To get the most of the absence of connections when not using them in meeting rooms or reception desks for ocasional connectivity



PREDEFINED **KITS**

	ART.NUMBER	FINISHINGS	DESCRIPTION	Socket type
	48610F20B000000	-33 -44	USB charger Type A+C and 2 regular sockets.	Schuko
	48610E20B000000	-33 -44	Electrical connection through quick- connect connector with Wieland figure.	French pin
	ART.NUMBER 48610F300K00000 48610E300K00000	FINISHINGS -33 44 -33 44	3 regular sockets and V&D flat plate for 2 RJ45 keystone/systimax connectors. Electrical connection through quick- connect connector with Wieland figure + access for data cable.	Socket type Schuko French pin
00080	ART.NUMBER 48610F30BK00000 48610E30BK00000	FINISHINGS -33 44 -33 44	USB charger Type A+C, 3 regular sockets and V&D flat plate for 2 RJ45 keystone/systimax connectors. Electrical connection through quick- connect connector with Wieland figure + access for data cable.	Socket type Schuko French pin



Spinner kit with USB charger Type A+C, 3 regular sockets and V&D flat plate for 2 RJ45 keystone/systimax connectors. Electrical connection through quick-connect connector.

Ref. 48610F30BK00000-33

008	ART.NUMBER 48630F20B000000 48630E20B000000	-33 44 -33 44	DESCRIPTION USB charger Type A+C and 2 regular sockets. Electrical connection through 20 cm. free-end cable.	Socket type Schuko French pin
	ART.NUMBER 48630F300K00000 48630E300K00000	FINISHINGS -33 44 -33 44	3 regular sockets and V&D flat plate for 2 RJ45 keystone/systimax connectors. Electrical connection through 20 cm. free-end cable + access for data cable.	Socket type Schuko French pin
00080	ART.NUMBER 48630F30BK00000 48630E30BK00000	FINISHINGS -33 44 -33 44	USB charger Type A+C, 3 regular sockets and V&D flat plate for 2 RJ45 keystone/systimax connectors. Electrical connection through 20 cm. free-end cable + access for data cable.	Socket type Schuko French pin





Complete integration with the furniture when is not in use thanks to the cover to be used in meeting rooms or reception desks for ocasional connectivity



PREDEFINED **KITS**

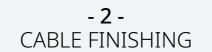
	48710F20B000000 48710E20B000000	FINISHINGS -33 44 -33 44	USB charger Type A+C and 2 regular sockets. Electrical connection through quick- connect connector with Wieland figure.	Socket type Schuko French pin
	ART.NUMBER 48710F300K00000 48710E300K00000	FINISHINGS -33 44 -33 44	3 regular sockets and V&D flat plate for 2 RJ45 keystone/systimax connectors. Electrical connection through quick- connect connector with Wieland figure + access for data cable.	Socket type Schuko French pin
00080	ART.NUMBER 48710F30BK00000 48710E30BK00000	FINISHINGS -33 44 -33 44	USB charger Type A+C, 3 regular sockets and V&D flat plate for 2 RJ45 keystone/systimax connectors. Electrical connection through quick- connect connector with Wieland figure + access for data cable.	Socket type Schuko French pin



Cover kit with USB charger Type A+C, 3 regular sockets and V&D flat plate for 2 RJ45 keystone/systimax connectors. Electrical connection through quick-connect connector.

Ref. 48710F30BK00000-33

00 =	ART.NUMBER 48730F20B000000 48730E20B000000	-33 44 -33 44	DESCRIPTION USB charger Type A+C and 2 regular sockets. Electrical connection through 20 cm. free-end cable.	Socket type Schuko French pin
	ART.NUMBER 48730F300K00000 48730E300K00000	FINISHINGS -33 44 -33 44	DESCRIPTION 3 regular sockets and V&D flat plate for 2 RJ45 keystone/systimax connectors. Electrical connection through 20 cm. free-end cable + access for data cable.	Socket type Schuko French pin
00080	ART.NUMBER 48730F30BK00000 48730E30BK00000	FINISHINGS -33 44 -33 44	USB charger Type A+C, 3 regular sockets and V&D flat plate for 2 RJ45 keystone/systimax connectors. Electrical connection through 20 cm. free-end cable + access for data cable.	Socket type Schuko French pin





Configurador de productos para puestos de trabaj











cable

cable

Peeled

type connector

Cable finished with male wieland type conector

Cable finished with a plug

Any kind of cable

Any length of

- 3 -**POWER OUTLETS** Up to 8 sockets



Schuko type socket



French pin type

socket

type socket



UPS

Basic 2A USB type A



- 4 -**USB CHARGERS**

> Improved 4.2A double USB type A

Innovative 4,2 A double USB type A+C

-1-**SELECT THE SOLUTION 481 ESSENTIAL** 482 DEPTH **484 OVERDESK** 485 INDESK **486 SPINNER** 487 COVER

FULL

CUSTOMIZED

Any kind of combination made up

with power outlets, USB chargers,

multimedia connectors. Possibility to protect line set with RCCB or

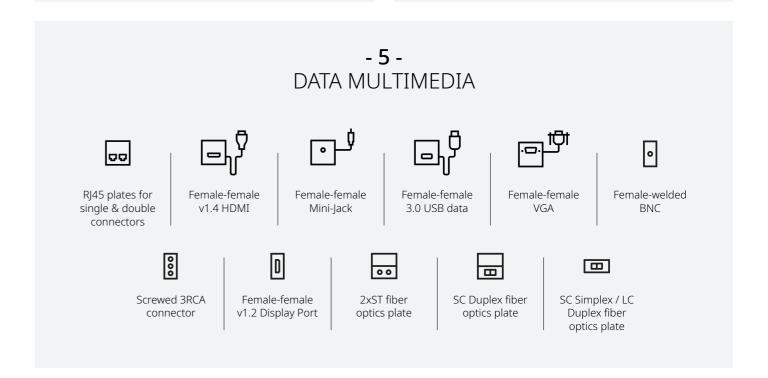
Personalize your Simon 480

in just a few steps using the online configurator.

www.s480customisation.com

RJ data connectors, data or

MCCB switches.



- 6 -COLOUR OF THE ENCLOSURE

- 7 -SPECIAL TAYLOR MADE NEEDINGS Simon_|480 Simon_l480

Distribution boxes

1 REGULAR 3-POLE CIRCUIT

1 INPUTS 4 OUTPUTS



49114000-039

1-circuit standard distribution box with 1 x 3-pole input with Wieland® GST18i figure and 4 x 3-pole outputs with Wieland® GST18i

1 INPUTS 5 OUTPUTS



ART. NO. 49115000-039

1-circuit standard distribution box with 1 x 3-pole input with Wieland® GST18i figure and 5 x 3-pole outputs with Wieland® GST18i

1 INPUTS 6 OUTPUTS



49116000-039 1-circuit standard distribution box with 1 x 3-pole input with Wieland® GST18i figure and 6 x 3-pole outputs with Wieland® GST18i

1 INPUTS 7 OUTPUTS



ART. NO. 49117000-039

1-circuit standard distribution box with 1 x 3-pole input with Wieland® GST18i figure and 7 x 3-pole outputs with Wieland® GST18i

1 INPUTS 8 OUTPUTS



1-circuit standard distribution box with 1 x 3-pole input with Wieland® GST18i figure and 8 x 3-pole outputs with Wieland® GST18i 49118000-039

31

Simon_|480 Simon₁480

1 INPUTS 9 OUTPUTS



ART. NO.

ART. NO.

DESCRIPTION

49119000-039 1-circuit standard distribution box with 1 x 3-pole input with Wieland® GST18i figure and 9 x 3-pole outputs with Wieland® GST18i

1 3-POLE STABILISED (UPS) CIRCUIT

1 INPUTS 5 OUTPUTS



1-circuit stabilised distribution box (UPS) with 1 x 3-pole input with Wieland® GST18i figure and 5 x 3-pole outputs with Wieland® GST18i figure.

1 INPUTS 7 OUTPUTS



ART. NO. 49120700-039

1-circuit stabilised distribution box (UPS) with 1 x 3-pole input with Wieland® GST18i figure and 7 x 3-pole outputs with Wieland® GST18i figure.

1 REGULAR CIRCUIT AND 1 X 3-POLE STABILISED CIRCUIT (UPS)

2 INPUTS; 3 STANDARD OUTPUTS + 3 UPS OUTPUTS



49133300-039

ART. NO.

 $2-circuit\ distribution\ box\ with\ 1\ x\ 3-pole\ input\ with\ Wieland \\ @\ GST18i\ figure\ and\ 3\ x\ 3-pole\ outputs\ for\ standard\ circuit\ and\ 1\ x$ 3-pole input with Wieland® GST18i figure and 3 x 3-pole outputs with Wieland® GST18i figure for stabilised circuit (UPS)

2 INPUTS; 4 STANDARD OUTPUTS + 4 UPS OUTPUTS

49134400-039



ART. NO.

DESCRIPTION

2-circuit distribution box with 1 x 3-pole input with Wieland® GST18i figure and 4 x 3-pole outputs for standard circuit and 1 x 3-pole input with Wieland® GST18i figure and 4 x 3-pole outputs with Wieland® GST18i figure for stabilised circuit (UPS)

32

1 REGULAR 5-POLE CIRCUIT

1 5-POLE INPUT; 3 STANDARD 3-POLE OUTPUTS + 1 5-POLE OUTPUT



ART. NO.

49143010-039

1-circuit standard distribution box with 1 x 5-pole input with Wieland® GST18i figure and 3 x 3-pole outputs and 1 x 5-pole output with Wieland® GST18i figure

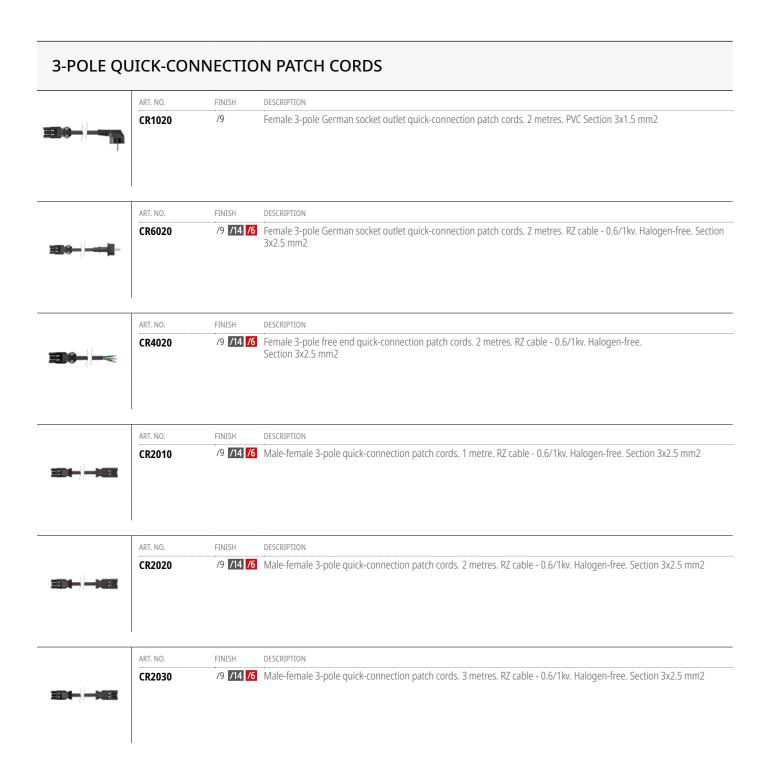
1 X 5-POLE INPUT; 6 STANDARD 3-POLE OUTPUTS + 1 X 5-POLE OUTPUT



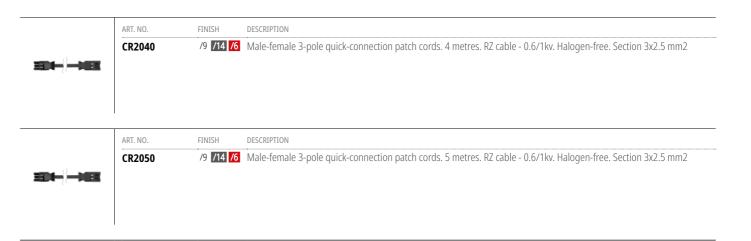
49146010-039

1-circuit standard distribution box with 1 x 5-pole input with Wieland® GST18i figure and 6 x 3-pole outputs and 1 x 5-pole output with Wieland® GST18i figure

Patch cords



34



ARTICULATED CABLE MANAGER



ART. NO.	FINISH	DESCRIPTION
49204004	-030 -038	Kit consisting of articulated cable manager for 4 workplaces

GROMMET FOR RAISED FLOOR OR FURNITURE (Ø102 MM)



ART. NO.	FINISH	DESCRIPTION
52055000		Allows cables to pass from the raised floor to the surface. When closed, dust and other elements cannot enter.





Connectors

QUICK-CONNECTION CONNECTORS FOR CREATING PATCH CORDS OF CUSTOMISED LENGTH

3-POLE CONNECTORS



ART. NO. DESCRIPTION CR0001 /9 /14 /6 Female 3-pole recessed quick connector. Clamp connection.



CR0002 /9 /14 /6 Male 3-pole recessed quick connector. Clamp connection.



/9 /14 /6 Female 3-pole overhead quick connector. Screw connection



DESCRIPTION /9 /14 /6 Male 3-pole overhead quick connector. Screw connection CR0004

5-POLE CONNECTORS



ART. NO. FINISH DESCRIPTION /14 CR5001 Female 5-pole recessed quick connector. Clamp connection.



ART. NO. CR5002 /9 /14 /6 Male 5-pole recessed quick connector. Clamp connection.



ART. NO. DESCRIPTION FINISH CR5003 /9 /14 /6 Female 5-pole overhead quick connector. Screw connection



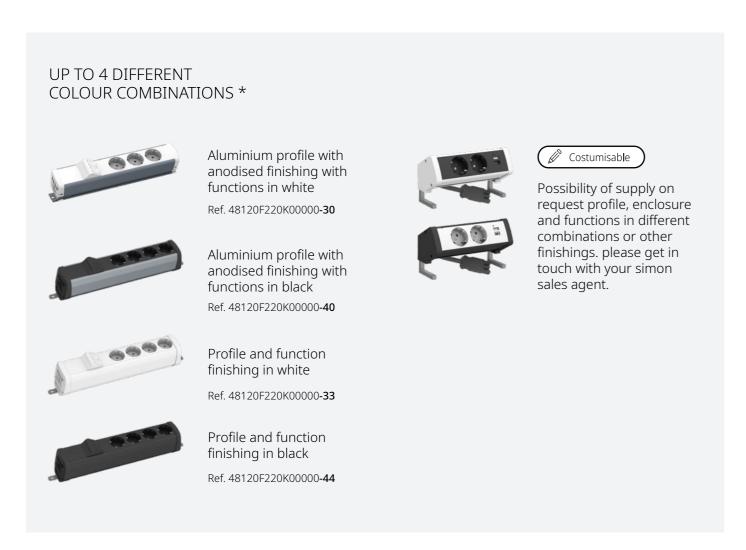
DESCRIPTION CR5004 /9 /14 /6 Male 5-pole overhead quick connector. Screw connection

DISTRIBUTORS



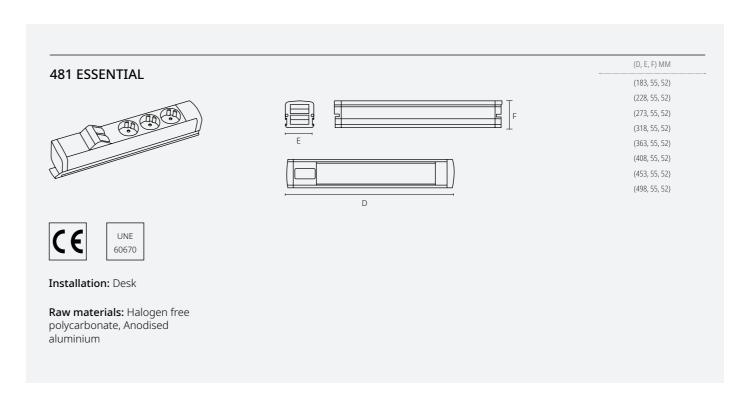
ART. NO.	FINISH	DESCRIPTION
CR7312	/14	3-pole T-piece with 1 male inlet and 2 female outlets

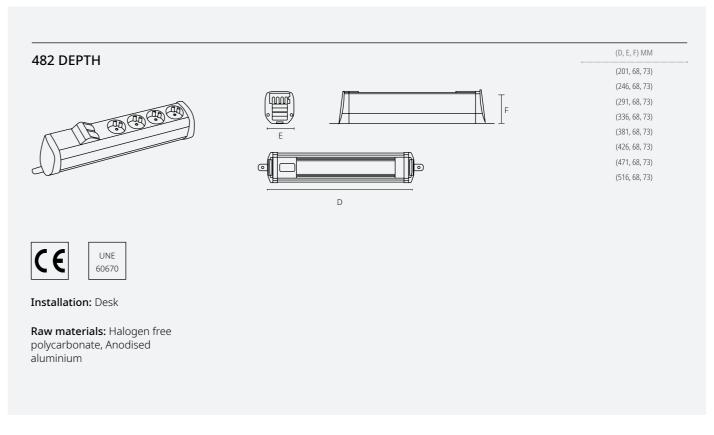
FINISHES



38

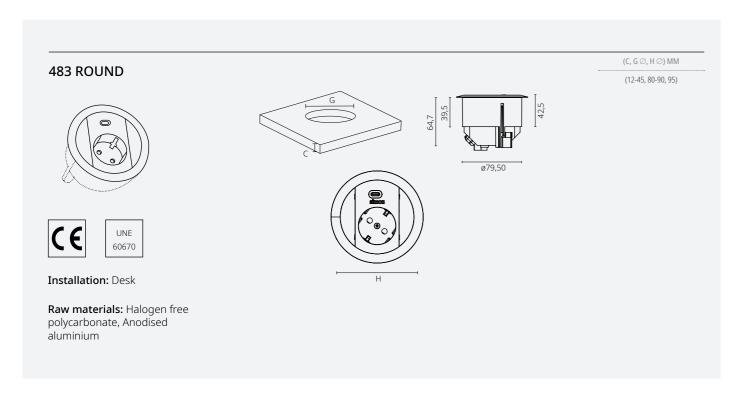
HIDDEN SOLUTIONS

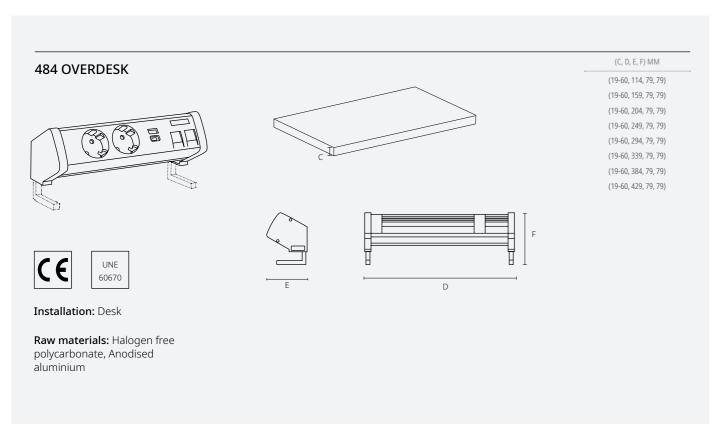




^{*} The amount of different finishings may vary in each range

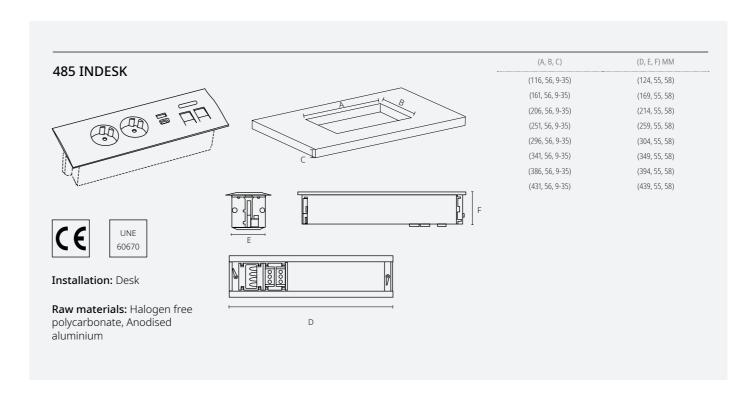
VISIBLE SOLUTIONS

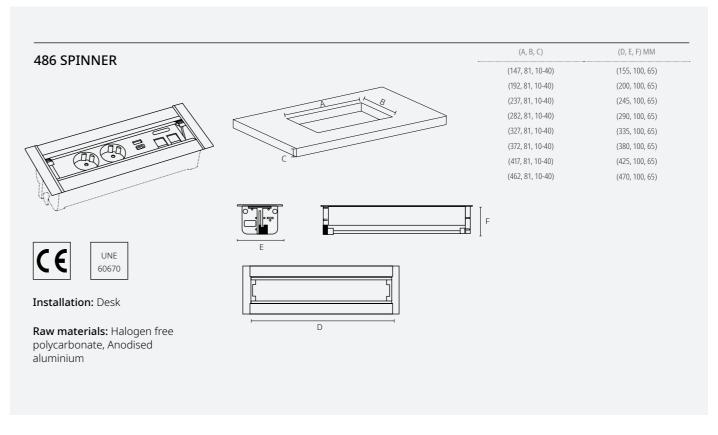




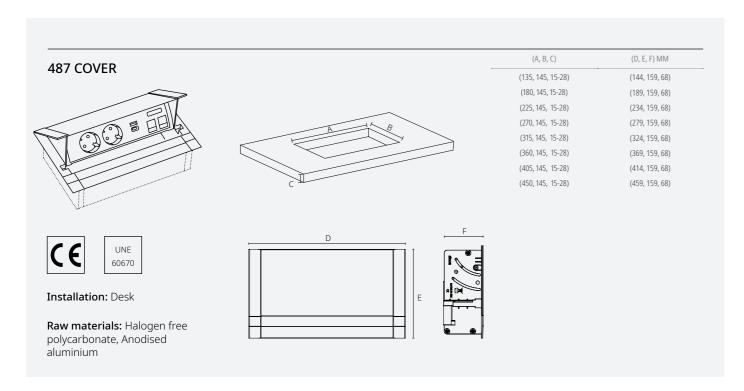
40

SOLUTIONS FOR **MEETING ROOMS**





SOLUTIONS FOR **MEETING** ROOMS



Power distribution boxes

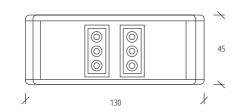
DISTRIBUTION BOXES

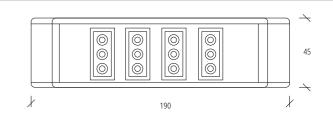
- Product designed in compliance with the safety requirements stipulated by Directive 2006/95/EC (Low Voltage) via the UNE-20451:1197 standard and IEC 61535:2010 standard
- · 2011/65/EU RoHS Directive.
- Marked product
- Temperature range during installation: -5 °C to +60 °C
 IP protection level: 4X (with patch cords connected) 2X (without patch cords connected)
 Max. temperature during construction work: +60 °C
- Insulation resistance >5 MΩ to 500 V
- Dielectric strength: No holes or contours, with 2000 V at 50 Hz for 1 minute.
- Self-extinguishing and halogen-free plastic components made of thermoplastic materials, which ensure zero flame propagation in case of fire and low toxicity in case of smoke

RANGE

	3 POLES		5 POLES	
ART. NO.	1 CIRCUIT	2 CIRCUITS	1 CIRCUIT	2 CIRCUITS
1 INPUT AND 3 OUTPUTS		49133300-039	49143010-039	
1 INPUT AND 4 OUTPUTS	49114000-039	49134400-039		
1 INPUT AND 5 OUTPUTS	49115000-039 49120500-039			
1 INPUT AND 6 OUTPUTS	49116000-039		49146010-039	
1 INPUT AND 7 OUTPUTS	49117000-039 49120700-039			
1 INPUT AND 8 OUTPUTS	49118000-039			
1 INPUT AND 9 OUTPUTS	49119000-039			

DIMENSIONS: 190 MM X 130 MM X 45 MM





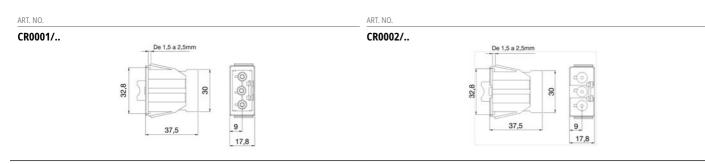
Quick-connection system

QUICK-CONNECTION SYSTEM

- Product designed in compliance with the safety requirements stipulated by Directive 2006/95/EC (Low Voltage) via the harmonised UNE-EN-50.085 standard. Marked product C€
- Cable cross-section: 1.5 or 2.5 mm² Supports rigid or flexible cable

3-POLE

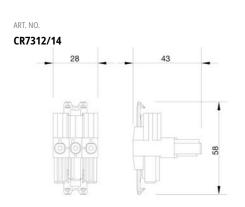
RECESSED INSTALLATIONS



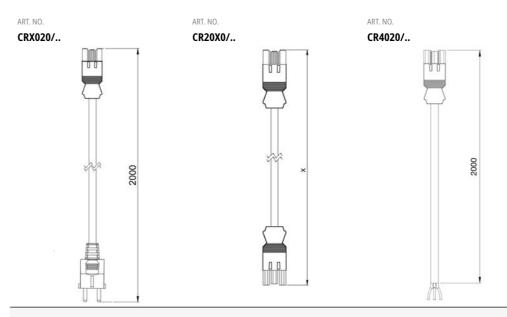
OVERHEAD CONNECTORS



DISTRIBUTORS



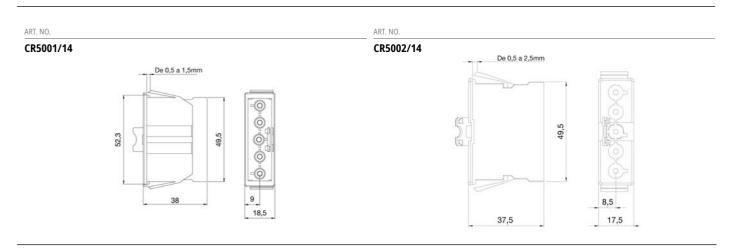
QUICK-CONNECTION PATCH CORDS



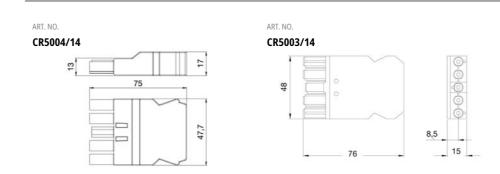
ART. NO.	LENGTH (X) (M)	
CR2010/	1	
CR2020/	2	
CR2030/	3	
CR2040/	4	
CR2050/	5	
CR2060/	6	
CR2070/	7	
CR2080/	8	

5-POLE

RECESSED INSTALLATIONS



OVERHEAD CONNECTORS





www.simonelectric.com









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