

## Data Sheet

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### Non-equipped desk column for tabletop mounting of 22.5x45mm (45x45mm) standard sockets

**Code: EM/HU-STP-1S-3EU**

#### Description and Technical Characteristics of the Product:

The aluminium desk column is an ideal solution for distributing electrical and logic signals. Designed for direct installation in countertops (desks, conference tables, kitchens, etc.). Its design allows for hiding the entire column in the countertop. The cover is made of high grade durable and aesthetically pleasing brushed stainless steel.

You can access the sockets by pressing the cover button to slide the column out until it locks. When pressed, the column slides out and connects the wires to the sockets installed. The column is retracted (with disconnected cables) after releasing the lock with a button and sliding it into the desk until it snaps into place.

The column is equipped with a connecting power cord with a Uni-Schucko plug, and a switch for connecting power sockets, making it possible to turn off power to all sockets at the same time.

In addition, two RJ45 keystone sockets can be installed in the lower part of the column. They are then accessed under the top (for example, to connect a desktop computer standing under the desk).



#### Column Features:

- profile made of aluminium
- easy and quick installation directly into the countertop with a wide range of thicknesses available
- installation of 22.5x45 (45x45) standard power and ICT sockets without the use of additional fasteners
- quick access to the column hidden under the top (button in the cover)
- possibility of installation of two additional keystone sockets

## Data Sheet

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RJ45 under the tabletop

- has an increased ingress protection class IP55 (with the column closed)

### Installation method:

Before installing and connecting the column, make sure that the phase and neutral wires in the power socket, to which the column will be connected, are compatible. The following description refers to the connection of a cable with a plug from the column to a power socket, where the phase wire is in the left terminal (looking from the front of the power socket); cut a hole in the countertop; put the column through the hole and fix it using the rotary locking ring; connect the phase (marked L) and neutral (marked N) power wires to the power sockets installed in such a way that the interrupted (off) wire is the phase (L) wire: connect the wire marked L from the column switch to the L phase terminal of the power sockets installed, and the wire marked N to the N neutral terminal of the power sockets installed; then connect the yellow and green protective earthing conductor (marked PE) coming out of the connection cable to the power sockets installed and the wire connected to the aluminium enclosure of the column; fix the power sockets installed in the holes of the column; optionally, insert ICT cables through the square hole located at the bottom of the column (with sufficient length for connection), connect the appropriate sockets and fix them in the column.

Note: IP55 ingress protection class is maintained for a closed column on the working side of the countertop when properly attached to a flat, smooth and level countertop, ensuring proper adhesion of the gasket located on the underside of the cover. Otherwise, the degree of protection cannot be guaranteed, and neither when the column is open.

To connect the sockets, it is recommended to use flexible cables (stranded-core cable type), resistant to bending.

### Markings:

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### Products compatible with the box:

#### installation in 45x45 holes:

E/GM	Modular socket 230V grounded single std 45x45, white
E/GMBZ	Modular socket 230V grounded single std 45x45, with lock and release, red

## Data Sheet

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DCN/TS-868K-8-C5E	UTP RJ 45 socket, Cat. 5e with adapter, 1-module, white, low
DCN/TS-868K-8-C6	UTP RJ 45 socket, Cat. 6 with adapter, 1-module, white, low
FU/FA-2420-VGA	VGA 22.5x45mm socket
FU/FA-2420-3RCA-AV	AUDIO VIDEO 22.5x45mm socket
FU/FA-2420-BNC	BNC (F/F) 22.5x45mm socket
FU/FA-2420-RF	F (F/F) 22.5x45mm socket
FU/FA-2420-SP	SP (speaker) 22.5x45mm socket
FU/FA-2420-PHJ	3.5mm 22.5x45mm jack socket
DC/FA-644-1SP	Single-module straight 22.5x45mm adapter for 1xRJ45 or 1xRJ 12
DC/FA-644-2SP	Two-module straight 45x45mm adapter for 1xRJ45 or 1xRJ 12
DC/FA-644-3MP	Single-module cap 22.5x45mm
FU/FA-644-9MP	45x45 1xRJ45,12 adapter white
FU/FA-644-8MP	45x45 2xRJ45,12, adapter white
EM/RW-DATA-1	Two-module single 1xRJ45 angle adapter
FU/FA-644-5MP	45x45 adapter to 1 SC duplex adapter (equipped)

Note: The adapters can be used with keystone sockets if they do not protrude beyond the adapter plane. Otherwise, check whether the protruding socket does not make it impossible to close/retract the column (applies to other sockets and not those listed above which have been checked).

When designing solutions, it is important to take into account different solutions and dimensions of the plugs, and ensure that the sockets planned to be installed together with the connecting cables, depending on how they are connected, fit into the column.

### Installation in keystone holes:

DC/FA-682MK-8-C5E	UTP RJ 45 socket Cat. 5e keystone, white
FU/FA-2630AK-8-C6	UTP RJ 45 socket, Cat. 6 keystone, white
DC/FA-356A-6	RJ12 keystone socket Cat.3 white
DCN/FA-682MK-8-C5E	UTP RJ 45 socket, Cat. 5e keystone, blue
DCN/FA-S682MK-8-C5E	RJ45 UTP socket, Cat. 5e keystone, blue (tool-free)
DCN/FA-1090-8-C6	UTP RJ 45 socket, Cat. 6 keystone, blue
EM/UQK-C6	RJ45 UTP socket Cat. 6 keystone, blue (tool-free)
EM/SQKSS-C6	STP RJ 45 socket Cat. 6 keystone blue (tool-free)
EM/SQKSS-C6A	STP RJ 45 socket Cat. 6A keystone, blue (tool-free)

## **Data Sheet**

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### **Technical parameters:**

maximum load: 16A (3680W)

finish: stainless steel/plastic

cover colour - silver (brushed steel)

dimensions (∅ x H): 125x355mm (according to outline, without power cord)

cover diameter: 120 mm

diameter of the hole in the countertop: 95-100 mm

column height: 350 mm

the height of the column extended above the tabletop: 254 mm

tabletop thickness: up to 40mm

the column equipped with a three-core connection cable type H05VV-F 3G1.5mm<sup>2</sup>, Uni-Schucko plug, On/off switch

Degree of protection (applies to protection against access, ingress of solids and harmful effects of water on the working side of the tabletop):

for column with closed cover, properly mounted on a flat, level and smooth countertop: IP55 (from the outside/working side of the countertop)

The product is designed for non-flammable and hollow countertops (type H). The product is designed for installation in places, in which its functionality and application will be used. Appropriate functionality, resulting from the product features, should be envisioned by the designer at the design stage.

We have made every effort to ensure that the information presented is accurate and complete. However, we are not responsible for the accuracy and completeness of the data and, in particular, we cannot guarantee that this specification does not contain errors or mistakes. The information contained in this specification may be changed at any time without notice.