CompAct!
M

CUBE®
TECHNOLOGIES

The 'smart' switchboard, single or three-phases, programmable through the ACCESS software suite

The ACCESS software suite is specifically developed by CUBE for use in the trade fair and congress sector.
It enables management and control of the power supply services and can thus be adapted to each location.

ACCESS 'TECH' mobile app

For technicians close by the electrical switchboards
(Bluetooth BLE, NFC tag, QR code).

ACCESS 'USER' mobile app

It will allow exhibitors to select and pay for services
directly at the stand (Bluetooth, QR code).

Backoffice' ACCESS MANAGER, SaaS mode via browser

Management of switchboards and users.
Remote, serial programming of switchboards.
Control of the settings and the power consumption (through the MID meter).
Access to the operational history of each switchboard, during and after each event.

Five combinable settings

To limit or/and to adjust

Limit!

Automatic OFFR of the switchboards as soon as the exhibitor exceeds one of the 3 limits.

The maximum amperage.

From 100W to the maximum power of the switchboard (8kW or 12 kW), in steps of 100W.

Consumption limit (kWh),

with consumption credit in kilowatt-hours

Operating time limit,

with end date/time or operating time.

...according to your working methods

and the respective service offer!

Adjust!

Automatic ON/OFF of the switchboards, by 2 settings.
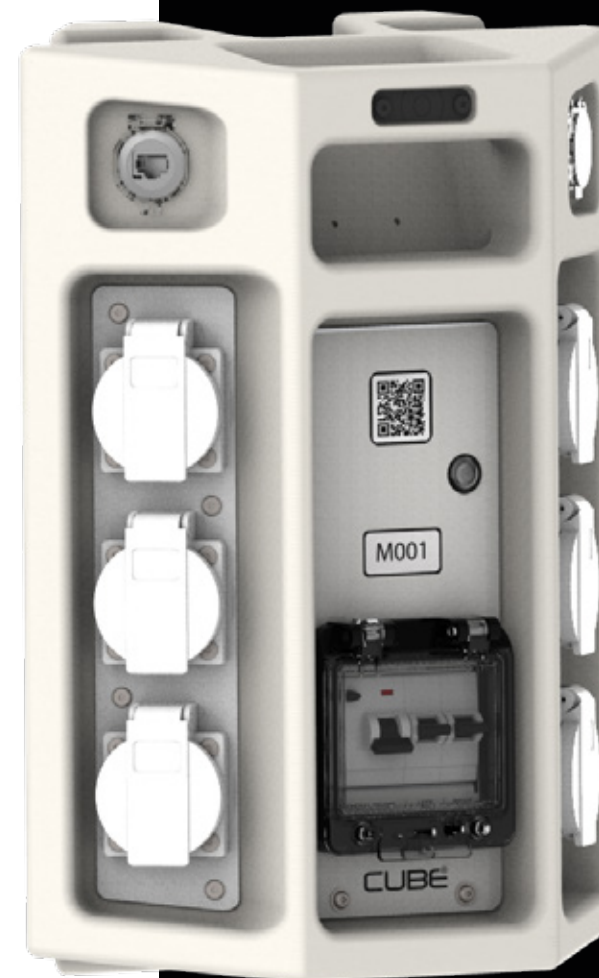
Daily intermittent mode,

with cut-off and on-time schedule, eg. for automatic shutdown at night.

Delayed start,

with start and stop date/time, eg. to prevent exhibitors from connecting during early set-up of the switchboards.
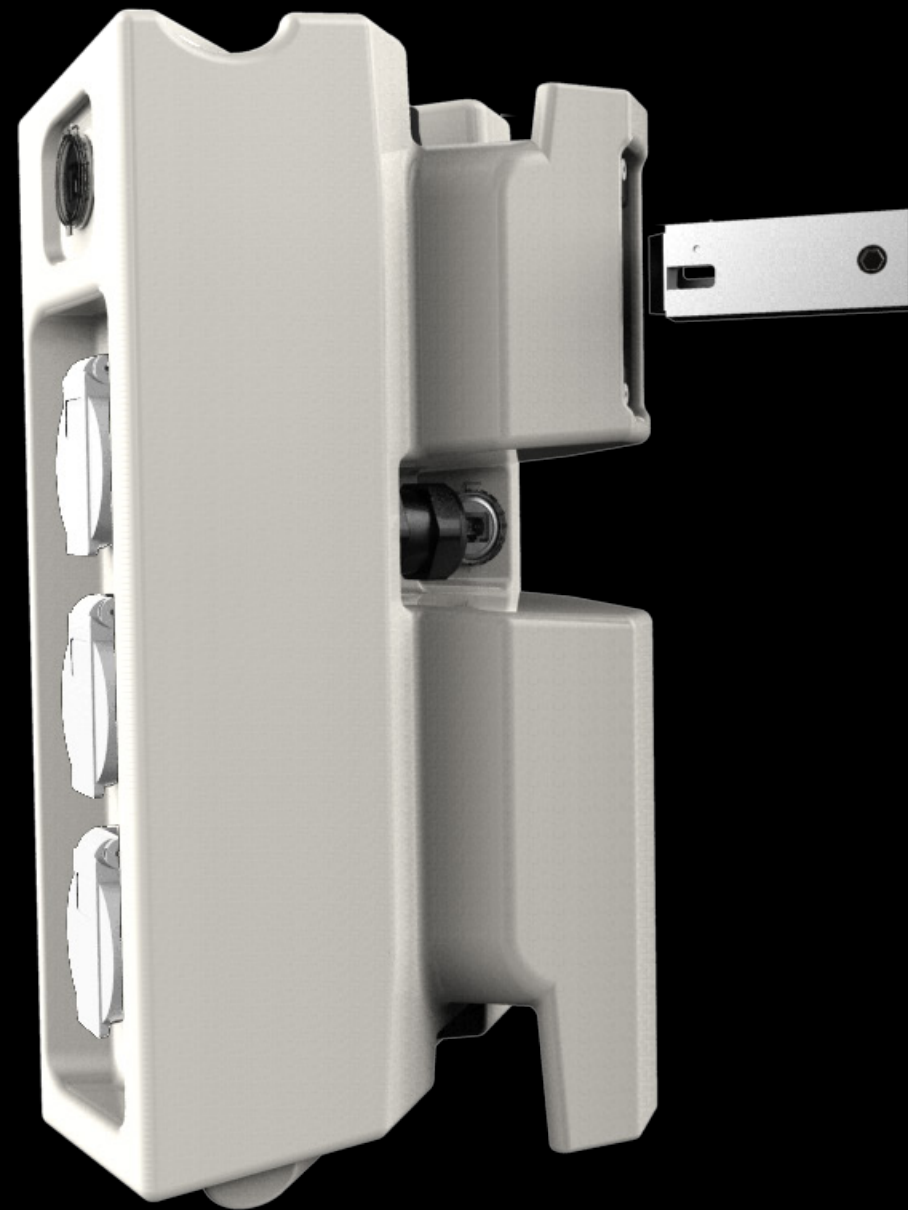
The 'built-in' terminal

The FIXWALL© fixing

This support, designed by CUBE, is suitable
for standard shell scheme systems, such as:
OCTANORM, DUO DISPLAY, SODEM, SYMA.
Adaptation to other systems is possible
on request.

Universal fixing

The FIXWALL universal support, in stainless steel,
allows to set the switchboards in a locked position
on 'traditional' woodwork partitions or to install
them securely on the floor, thanks to the anti-theft
system that locks the cable in place.

Various connections depending of the model, 32A single-phase or 16A three-phase

ACCESS equipment

1 ACCESS Wlan / Bluetooth component

32A single-phase model : one single-phase meter + one 25A/2P contactor

16A three-phase model : one three-phase meter + two 25A/2P contactors

	M SINGLE-PHASE 32A 6x16A/3P REF. M32A-M-PP / M32A-M-PS	M THREE-PHASE 16A 6x16A/3P + 1x16A/5P REF. M16A-T
Amps rated per phase	32A	16A
PMax. exhibitor power supply	8kW	12kW
Type of power supply	Only single-phase	Single-phase and three-phase
Power grid connection	At the back of the switchboard: powerCON NEUTRIK® 32A single-phase socket, or connection cable on cable gland M25, 3m - 3G6, HO7RNF	At the back of the switchboard: 5G2,5 cable (3m) on cable gland with CEE P17 16A/5P
Single-phase exhibitor distribution	6 sockes (2x3) 16A/3P/230V	6 sockes 16A/3P/230V
Lighting socket	Wieland GSTi (or STi) 16A/3P socket integrated under the switchboard	
Three-phase exhibitor distribution	–	Three-phase output on Wieland socket 16A/5P integrated under the switchboard
Device loading socket option	1 USB A or C (2A) socket, front	*1 USB A or C (2A) socket, front**
Main circuit breaker	RCCB 40A/30mA/2P	RCBO 3P+N/16A/30mA
S-ph socket protection	2xMCB 16A/1P - C-curve	Through RCBO 3P+N/16A/30mA
T-ph socket protection	–	Through RCBO 3P+N/16A/30mA
Auxiliary	OF auxiliary for signalling the position ON/OFF of the main circuit breaker	
Controlled switch OFF	Unique by contactor 25A/2P	Unique by 2 contactors 25A/2P
Metering	Single-phase MID meter	Three-phase MID meter
Ethernet	Input/output on RJ45 sockets	*Input/output on RJ45 sockets**
Smartphone charger option	*Induction charger integrated on the top of the switchboard**	
Wieland switch-off option	*In case of over-consumption or time-stamped switch-off, only the WIELAND socket is switched off**	

*Available as an option

Technical features

Dimensions
Height 38cm x width 28cm,
depth 21cm.

Weight
Approx <4kg.

Enclosure
Rotational molded monoblock,
microblasted and flamed 100%
recyclable polyethylene (PE).

Communication
Bluetooth, WiFi 4, 2,4 GHz
NFC tag and QR-Code.

Display
2 operation LEDs
with voltage display.

Functional properties

Handling
Integrated handle

Exhibitor convenience
A suitable compartment for
smartphones while charging

Storage
Stackable, notches
that ensure stability.