



# The Cube TC

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GENERAL ON/OFF - 1 - 2 - 3 - 4 - 5 - 6 -

## The 'smart' switchboard, programmable by a simple 'click', 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 switchboards (Bluetooth BLE, NFC Tag, QR-Code).

### — ACCESS 'CLIENT' mobile App

Allows exhibitors to consult the service being delivered or select and pay for services directly on 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 (by MID meter).

Access to the operational history of each switchboard, during and after each event.



## Five combinable settings, based on your specific power supply services

### — Limit!

Automatic OFF of the switchboards as soon as the exhibitor exceeds one of the 3 limit values.

### — Adjust!

Automatic ON/OFF of the switchboard, via 2 setting options.



#### Power limit,

from 100W to 22kW, adjustable in increments of 100W.



#### Daily intermittent mode,

with ON and OFF schedule (e.g. automatic night OFF, etc.).



#### Consumption limit (kWh),

with consumer credit in kilowatt hours.



#### Delayed switch-on,

with start date/time (e.g. for early installation of switchboards, etc.).



#### Operating time limit,

with end date/time or duration of operation.

## Embedded exhibitor plugs

### Minimal footprint

The switchboard is designed to embed all plugs, including P17, in the enclosure depth and so to place the switchboard against a wall.

### Main features

H 40 cm x W 37.5 cm x D 30 cm (15,74 inch x 14,76 inch x 11,81 inch)

Weight: <9kg (<19,84 lbs)

Protection index: IP 44



## The eco-friendly, ultra-sturdy switchboard

Made of 100% recyclable polyethylene (PE). The enclosure offers the highest mechanical resistance combined with low weight.

### Key points:

#### Rotational moulding process

The grooves reinforce the enclosure and thus, guarantee maximum stability and sturdiness.

#### Microbead blasting

This procedure gives the enclosure a scratch-resistant and washable surface.

#### Flaming

This process hardens the matter considerably, providing an abrasion resistant enclosure.



## The 100% handy switchboard

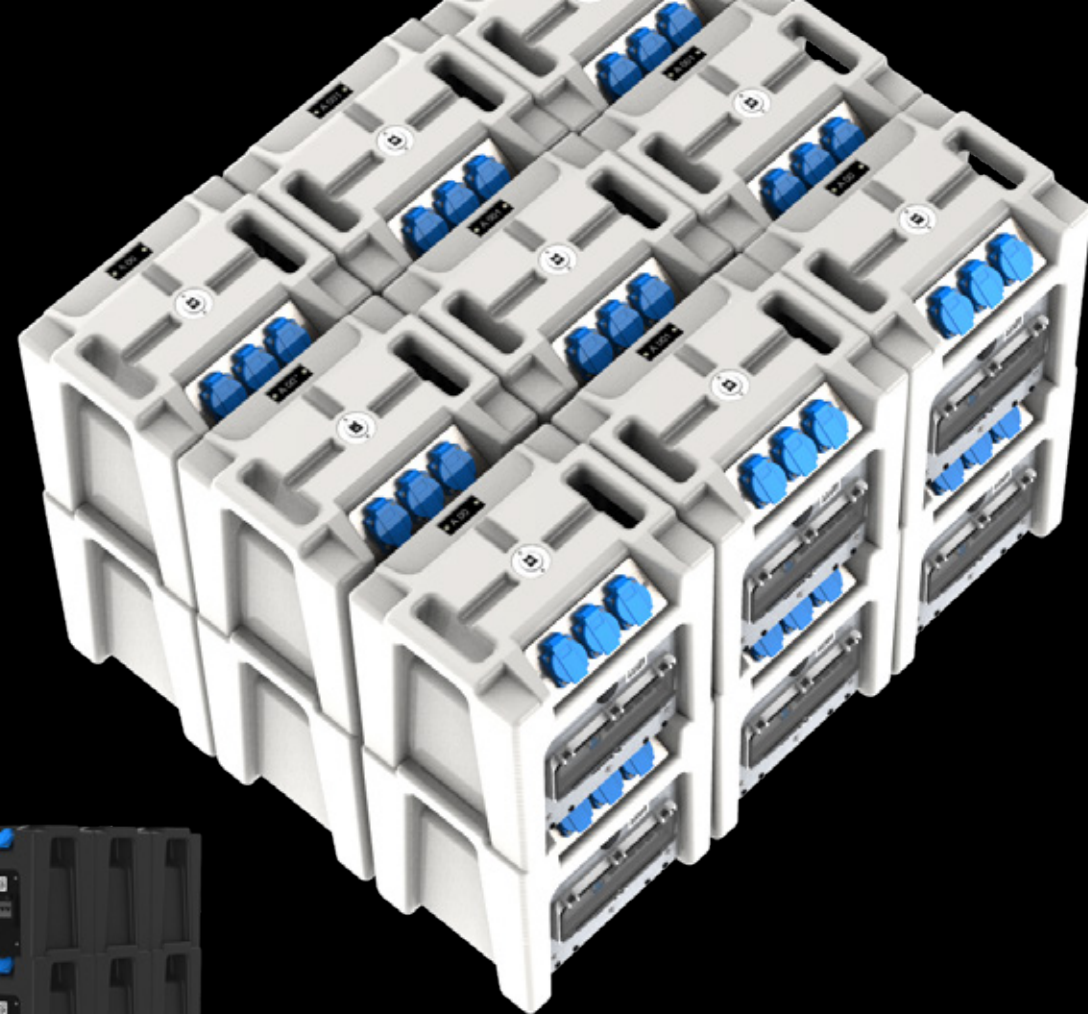


### Handling

2 side handles for easy and safely gripping of the switchboards.

### Stacking

4 inserted feet and joints in the upper part guarantee safe stacking.



### Storage and transportation

Standard pallets 1000 x 1200 mm

18 'THE CUBE' ACCESS switchboards can be stored and transported per stackable pallet box.



## The all-purpose 32A switchboard: 5 models for single and three-phase power distribution

### Frontside, all models:

3 sockets 16A, 1P+N+T inserted at a slight angle to facilitate access for exhibitors.

1 USB 2A socket with IP44 protective cap.

The USB base contains a blue LED that signals the exhibitor or technician that the switchboard is powered.

1 QR-Code and 1 NFC TAG for quick connection of the switchboard to the ACCESS TECH and ACCESS USER app.

The QR-Code URL can also, upon request, be redirected to an external service (e.g. the Venue Store).



### —One 32A model for 22 kW max. single-phase power supply.



The switchboards are powered by a CEE32A/5P/400Vac male socket, positioned at the rear, vertically at an angle of 20° to facilitate connection/disconnection operations.

### —Four 32A models for 22kW max. single-phase and three-phase power supply.



The switchboards are supplied from below, through a cable gland, equipped with a 5G6 cable and a CEE/P17 32A/5P socket.

### —Two 32A models are configured for power supply from the power grid up to a maximum of 32A.

Please note:  
The P17CEE32A/5P/400Vac socket is protected by the protection of the upstream power grid supply, 32A max.



### —Two 32A models are configured for upstream power grid supply equal to or exceeding 32A.

Please note:  
The P17 CEE32A/5P/400Vac socket is protected by a 32A circuit breaker (RCCB or RCBO) integrated in the switchboard.

## Overview of the THE CUBE

switchboard range,  
single-phase  
or single and three-phase



	<b>1</b> TC SINGLE-PHASE 6x16A/3P  REF. TC32A-M6-PP / TC32A-M6-PS
Amps rated per phase	32A
Max. exhibitor power supply	22kW
Type of power supply	Single-phase only
Power grid connection	At the back of the switchboard CEE/P17 32A/5P male socket
Single-phase exhibitor distribution*	6 x 16A/3P/230V sockets (6x1): 3 sockets on the front (L1/L2/L3) 3 sockets on the back (L1/L2/L3)
Three-phase exhibitor distribution	-
USB charger	1 USB A or C (2A) with protection cover
Main circuit breaker	RCCB 40A/30mA/4P
S.ph socket protection:	6 x MCB 16A/1P - C-curve
T.ph socket(s) protection(s):	-
Auxiliary	1 OF auxiliary coupled to the RCCB for signalling its position (ON/OFF)
Controlled switch OFF	Unique by contactor 40A/3P
Metering	MID three-phase meter

<b>2</b> TC THREE-PHASE 6x16A/3P + 1x32A/5P REF. TCS32A-M6-PP / TCS32A-M6-PS	<b>3</b> TC THREE-PHASE 3x16A/3P + 1x32A/5P + 1x16A/5P REF. TCS32A-T2M3-PP / TCS32A-T2M3-PS	<b>4</b> TC THREE-PHASE 3x16A/3P + 1x32A/5P REF. TC32A-TM3-PP / TC32A-TM3-PS	<b>5</b> TC THREE-PHASE 6x16A/3P + 1x32A/5P REF. TC32A-TM6-PP
32A			
22kW			
Single-phase and three-phase			
Under the switchboard Cable gland with 5G6 cable, cable length 50 cm and a CEE/P17 32A/5P plug			
6 x 16A/3P/230V sockets (6x1): 3 sockets on the front (L1/L2/L3) 3 sockets on the back (L1/L2/L3)	3 x 16A/3P/230V sockets (3x1) on the front (L1/L2/L3)	6 x 16A/3P/230V sockets (3x2): 3 sockets on the front (L1/L2/L3) 3 sockets on the back (L1/L2/L3)	6 x 16A/3P/230V sockets (6x1): 3 sockets on the front (L1/L2/L3) 3 sockets on the back (L1/L2/L3)
1 CEE/P17 32A/5P 230V/400V- socket	1 CEE/P17 32A/5P 230V/400V- socket 1 CEE/P17 16A/5P 230V/400V- socket	1 CEE/P17 32A/5P 230V/400V- socket	1 CEE/P17 32A/5P 230V/400V- socket
1 USB A or C (2A) with protection cover 1			
RCCB 40A/30mA/4P			RCBO 32A/30mA/4P - C curve
6 x MCB 16A/1P - C-curve	3 x MCB 16A/1P - C-curve	3 x MCB 16A/1P - C-curve	6 x MCB 16A/1P - C-curve
By the up-stream power grid protection 32A max	32A socket: by the up-stream power grid protection 32A max 16A socket: 1x MCB 16A/3P - C-curve	1 x MCB 32A/3P - C-curve	By RCBO 32A/30mA/4P - C curve
1 OF auxiliary coupled to the RCCB for signalling its position (ON/OFF)			1 OF auxiliary coupled to the RCBO for signalling its position (ON/OFF)
Unique by contactor 40A/3P			
MID three-phase meter			

\*Option available for all THE CUBE (TC) models: 24/24h socket wired upstream of the contactor with 2A circuit breaker. Attention: the 24/24h socket requires the replacement of one of the 16A circuit breakers by a 2A circuit breaker. The total power that can be delivered by the box is therefore limited to approximately 19kW.

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