

CENTRE DE CONGRÈS DE LYON  
EUREXPO LYON  
LA SUCRIÈRE  
MATMUT STADIUM



# HOME OF EXCELLENCE



Power Supply

TECHNICAL SERVICES

# Power box as much as 20 kW

## Intermittent

- Turned on 1h before the opening until 1h after the visitor closing time of the show

## Continuous

- 1 x P17 tetra phase socket : 32A 380V)  
(3 Phases + Ground + Neutral)
- 3 x monophas sockets  
(16A 220V)

Differential 30mA circuit breaker  
Response curve C



### Dimensions

width: 37cm / Depth: 35cm / Height: 48cm  
Weight: 8kG

### Flat cable

Height: 6 mm

# Additional benefits

✓ Only for appropriate stand

## Power increase

- Only for power boxes less than 20kW
- In order to reach 20kW maximum

## Change to permanent

- Only for power boxes less than 20kW
- In the case of an intermittent box ordered. Allows it to be changed in a permanent one (24h/24h).



# Power box 30 kW / 40 kW

## Intermittent

- Turned on 1h before the opening until 1h after the visitor closing time of the show



## Continuous

**Turned on 24h/24h**

Differential 30mA circuit breaker  
Response curve C

Round cable

Diameter: 3 cm

**IMPORTANT : Please, indicate the connections you need on the power supply.**

✓ Non contractual picture

Pictures may differ from actual products

# Power box 60 kW / 80 kW

## Intermittent

- Turned on 1h before the opening until 1h after the visitor closing time of the show



✓ Non contractual picture

Pictures may differ from actual products

## Continuous

**Turned on 24h/24h**

Differential 30mA circuit breaker  
Response curve C

Round cable

Diameter: 3,5 cm

**IMPORTANT : Please, indicate the connections you need on the power supply.**

# Important

- For any order of a 30kW+ power supply, please send us the details of your needs.
- We have many different boxes.



# Additional Services

✓ Does not work without power box!

## Monophase socket (16A 220V)

- Useful when you need to supply a device which stands further than the power box
- Supplied by a flat cable crossing the stand under the carpet (3mm height)



## Tetra phase socket (32A 380V)

- Useful when you need to supply a device which stands further than the power box
- Supplied by a round cable.



# Distribution box

✓ Does not work without power box!

## As much as 20 kW

- Distribution box connected on the P17 32A socket of the power box:
  - 6 monophasic socket (16A 220V)
  - 1 x P17 32A Tetra phase socket

## More than 20 kW

- Precision of sockets needs required
- Connected by our technicians



# Additional Services

✓ Does not work without power box!

## Machine Start-up 300mA

- With a 300-mA differential, the sensibility of the circuit breaker is increased which enables the machine with electronic program to start without any problem.
- It enables to protect the material (by default our power boxes have a 30mA differential)
- **This system should only be set for industrial machines.**

We also propose a version SI (super Immune - only available through estimate)



# Additional Services

✓ Does not work without power box!

Power adaptor P17 32A + 3 monophas socket 220V 16A  
(individual circuit breaker)

- Enables to distribute the electricity provided by the P17 32A of the power box through 3 monophas socket (220V 16A)

This picture is only one type of adaptor.  
We have different power adaptors in stock.

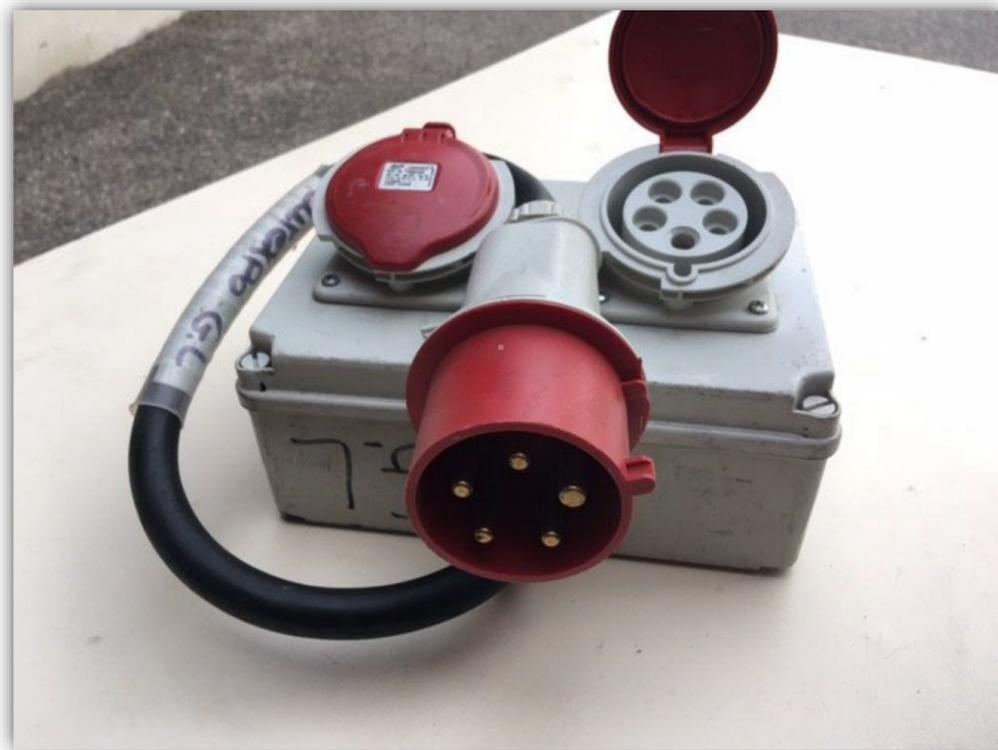


# Additional Services

✓ Does not work without power box!

Electrical harness: 2 sockets P17 32A

- 1 x P17 32A → 2x P17 32 A female



Electrical harness: 3 sockets P17 32A

- 1 x P17 32A → 3x P17 32 A female



Connected to the P17 32A available on the power box

# Types of sockets

✓ Does not work without power box!



Monophase socket (16A 220V)  
(3kW maximum)



Monophase socket P17  
16A 220V

# Types of sockets

✓ Does not work without power box!

## **Tetra phase** socket P17

(3 Phases + Ground + Neutral)

- 16A
- 32A
- 63A
- 125A



## **Three-phase** socket P17

(3 Phases + Ground)

- 16A
- 32A
- 63A
- 125A



We always put tetra phase. If you need a three-phase, please make a request when placing purchase order

# Additional details

- Exhibitors can carry out their own electrical distribution, but in this case the troubleshooting and installations **remain their responsibility**. If a technical floor installation is planned, please let us know the **installation date**.



- Thank you for respecting our facilities to ensuring the installation conformity before closing the floor. The exhibitor is not authorized to use the electrical ducts present in the halls to make its own distribution. These are reserved for electricians who are Eurexpo service providers.
- The presence of electricians is included in the rates from 25 boxes installed in the fair.
- Please pay attention to the power consumption of the lighting fixtures installed by the hanging service, which must be included in the total consumption of the box.
- Please specify it when ordering.  
**Legislation strictly prohibits having a differential protection set above 300mA in the public area.**



# General Information

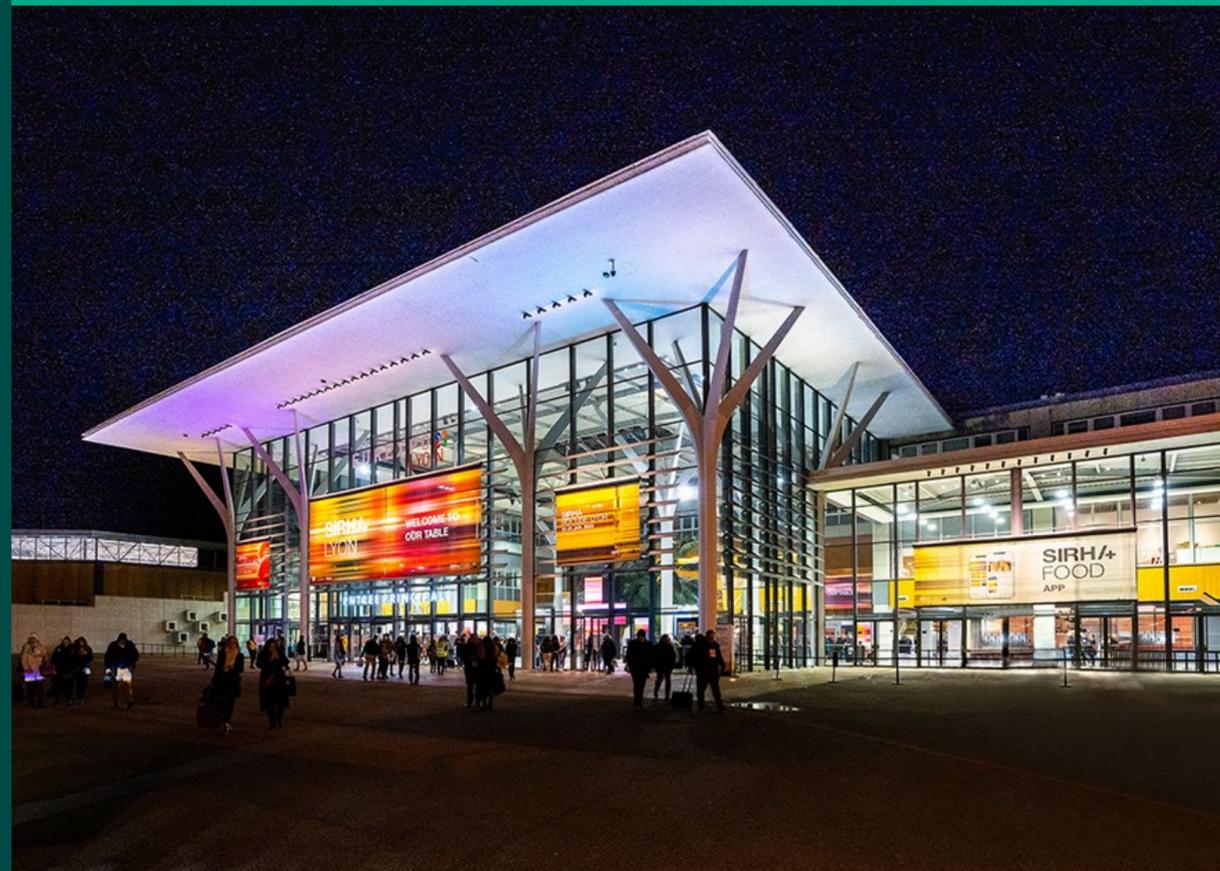
- Circuit breakers type D are prohibited by legislation on public areas.
- The curve C circuit breaker is used in everyday use and will not allow a peak in intensity, it will trip as soon as an increase in intensity occurs. It may therefore, depending on the technical characteristics specific to each machine, not be suitable for machine start-up.
- Curve C circuit breakers are the most widespread, authorized by legislation in public areas.
- Socket bridging: it is forbidden to have more than 8 sockets bridged and it must not exceed 3kW.



## EUREXPO LYON

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Update : V2 - March  
2025