



Field Mobile Distribution Switchboard

SAFETY TRANSFORMER



Suitable for construction, yards and main jobs



Designed for Oil&Gas and mining activities



Precious for ShipYard



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FIELD DISTRIBUTION SWITCHBOARD SAFETY TRANSFORMER

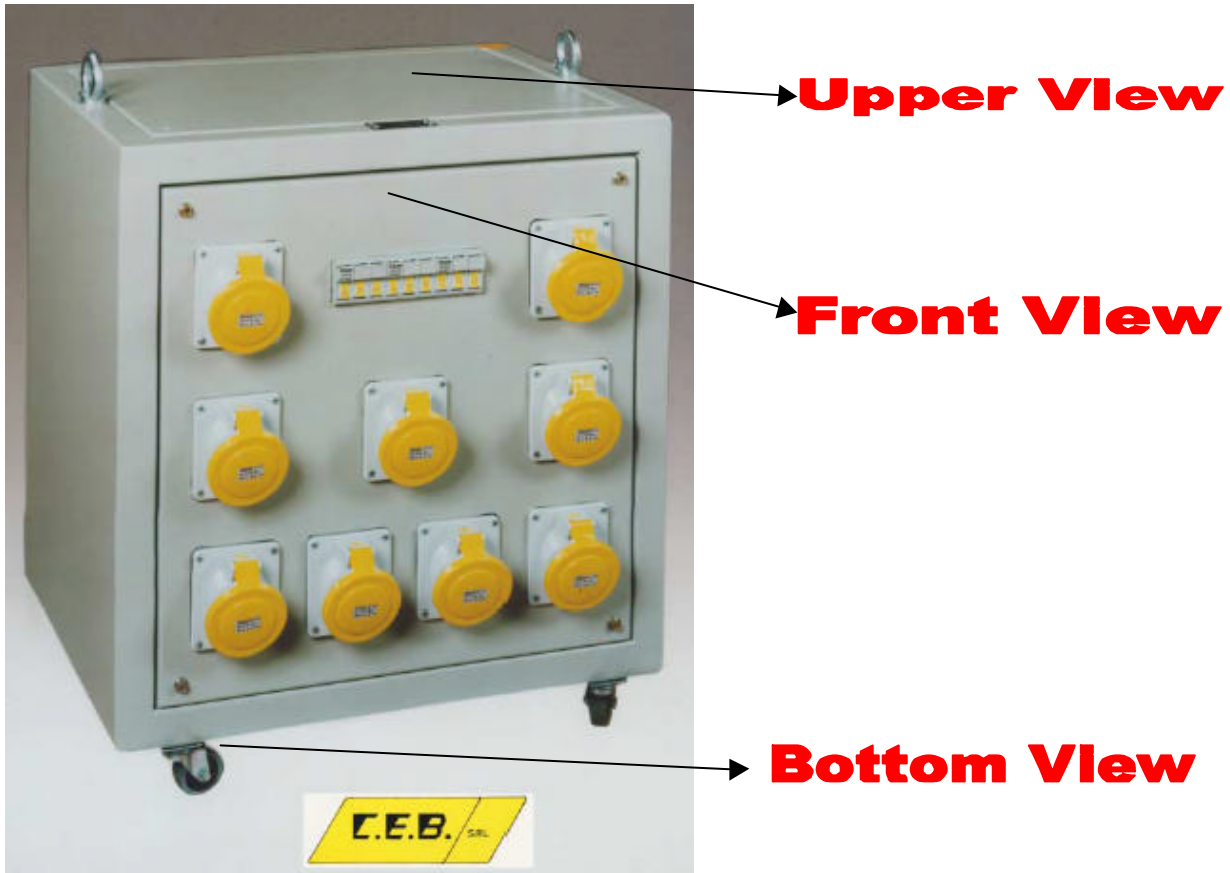


C.E.B. Distribution SWBDs Main PLUS

- °Easy Moving and transportations in Yards
- °High Quality Materials
- °Strong Metal Structure which gives long time reliability
- °Safety for the Operators
- °General Reliability and easy maintenance
- °Being compact and simply handle



FIELD DISTRIBUTION SWITCHBOARD SAFETY TRANSFORMER



General Technical Description

The CEB Field distribution SWBD safety transformers are built with strong carbon steel sheet mm folded to structure.

Nine outlet 2x32A+G IP44 (CEI EN 60529 e IEC 529) are placed on the front side. On the front side are placed also the protection fuses.

On the top side there are the strong lifting bolts.

On the bottom side there are four heavy duty wheels to easily move the swbd. The swbd is painted with RAL 7032 epoxy paint oven finished with G4 process tropical.

Main income through cable glands.



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When and Why it is useful

The field distribution safety transformer switchboard is mainly used in shipyard and construction site, or Oil&Gas and mining operation and everywhere Safety is the most important point.

To prevent voltage shock or injuries Low Voltage is required to help manpower who are operating grinding machine, drilling machine or lamps.



FIELD DISTRIBUTION SWITCHBOARD SAFETY TRANSFORMER

Model Technical Description

Model TRS-40 completed with

Input Nominal Voltages: 220V-240V 50HZ oppure 380V-400V 50HZ

Outlet Nominal Voltages: 40 V 50 HZ

Working Temperature : from -10°C to $+55^{\circ}\text{C}$

Color: RAL 7032 rough

Dimensions: height 600 mm- lenght 600 mm – width 450 mm

Outlets: n°9 CEE 2x32A+T IP44 outlet on the front side

Fuses: n°9 protection fuses easy to replace

Input: power source line through cable glands.

Model TRS-80 completed with

Input Nominal Voltages: 220V-240V 50HZ oppure 380V-400V 50HZ

Outlet Nominal Voltages: 80 V 50 HZ

Working Temperature : from -10°C to $+55^{\circ}\text{C}$

Color: RAL 7032 rough

Dimensions: height 600 mm- lenght 600 mm – width 450 mm

Outlets: n°9 CEE 2x32A+T IP44 outlet on the front side

Fuses: n°9 protection fuses easy to replace

Input: power source line through cable glands.

Model TRS-110 completed with

Input Nominal Voltages: 220V-240V 50HZ oppure 380V-400V 50HZ

Outlet Nominal Voltages: 110 V 50 HZ

Working Temperature : from -10°C to $+55^{\circ}\text{C}$

Color: RAL 7032 rough

Dimensions: height 600 mm- lenght 600 mm – width 450 mm

Outlets: n°9 CEE 2x32A+T IP44 outlet on the front side

Fuses: n°9 protection fuses easy to replace

Input: power source line through cable glands.



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ACCESSORIES

- 1-Plugs
- 2-Paint

Customized Field Distribution SWBDs SAFETY TRANSFORMER

C.E.B. can build mobile swbds on request or on particular specifications for instance the panels can be customized for number of consumers, voltage values, rated power values, rated amperes, or material of the enclosures.

Please feel free to contact us to get an offer for special request customized swbds.



FIELD DISTRIBUTION SWITCHBOARD SAFETY TRANSFORMER

FIELD SWBD referring RULES

Every panel made by C.E.B. is fully according to:

IEC 529-CEI EN 60529 and alle relevant or equivalent IEC.

TESTS

Every panel made by C.E.B. is tested in factory acceptance test according to CEI rules.

For every panel made by C.E.B. is issued a Test Certificate according to ISO 9001-2000 containing as minimum the following checks:

- | | | |
|--------------------------------|----------------------------|-------------------------------|
| 1-Dimensional check | 2-Paint check | 3-Insulation material check |
| 4-Bus bars check | 5-Auxiliary connection | 6-Identification check |
| 7-Plating and naming | 8-Grounding | 9-Final drawings check |
| 10-Bolts check | 11-Auxiliary circuit check | 12-IP Grade |
| 13-Working check | 14-Main circuit check | 15-Voltage Aux. circuit check |
| 16- Voltage Main circuit check | 17-Insulation measurement | 18-AC power source. |

QUALITY

C.E.B. è working in ISO 9001 for all of the operations, in particular in **PANEL BUILDING** as certified by RINA.