



MACKINA - WESTFALIA



BR 1442006

Product description

LOW-VOLTAGE FLAMEPROOF CELL PBR20



**CARACTERISTICAS:**

Flame-proof distribution cell, Ex d I certified, in low voltage up to 1100V 50/60Hz and two protected outputs adjustable up to 400A.

It consists of a single compartment closed by a bolted door and the electrical equipment consists mainly of the following:

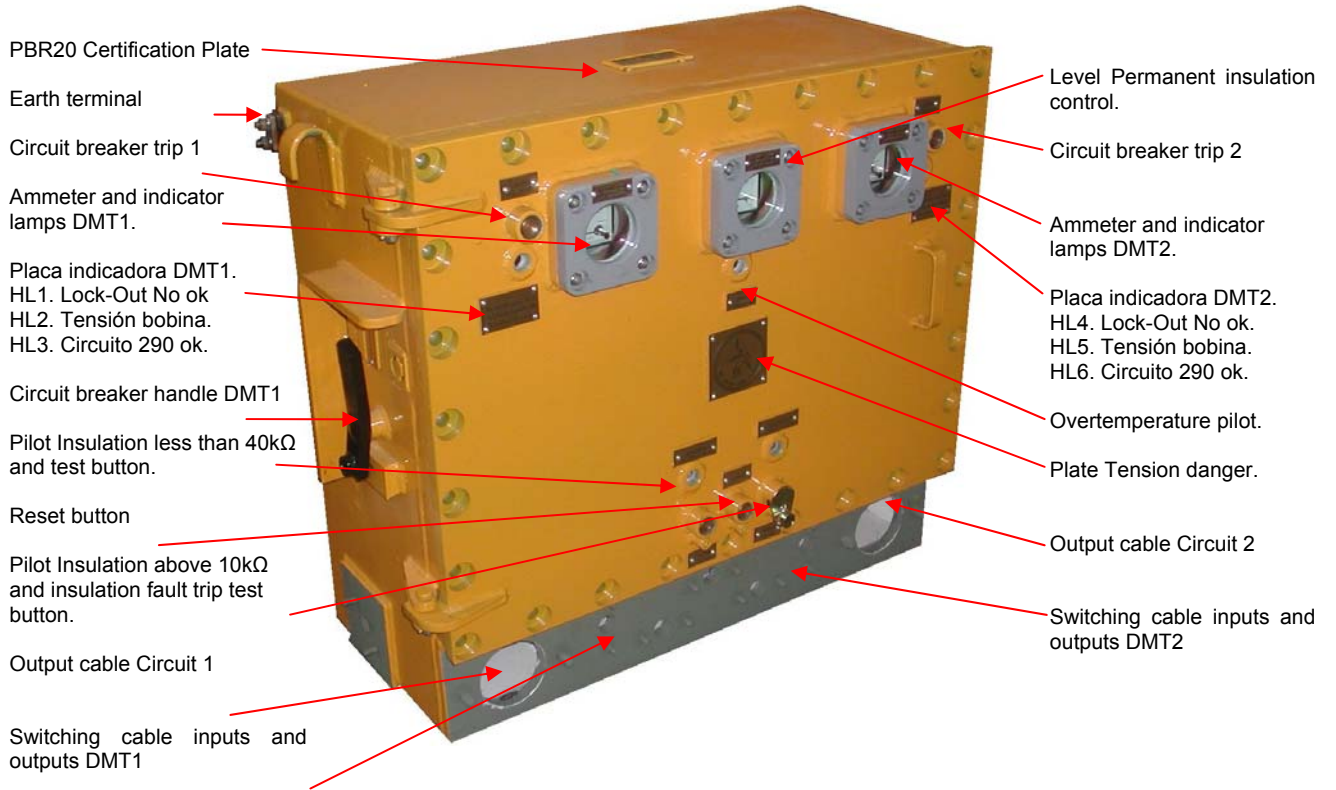
- Continuous insulation control with two warning levels and one trigger level, with the possibility of testing, continuous reading of insulation resistance and optical fault indication.
- Two 400A circuit breakers with thermal magnetic protection.
- Optionally, two monitoring circuits with open contactor isolation. "lockout".
- - A "fault locator" relay".
- A high temperature protection relay in a transformer in connection with temperature probes on the low voltage coils.
- Signaling of consumption and defects.
- An overvoltage limiter.
- Electrical interlock circuit with high voltage cell.

It can be mounted on a transformer directly or independently of it, by means of an input box.

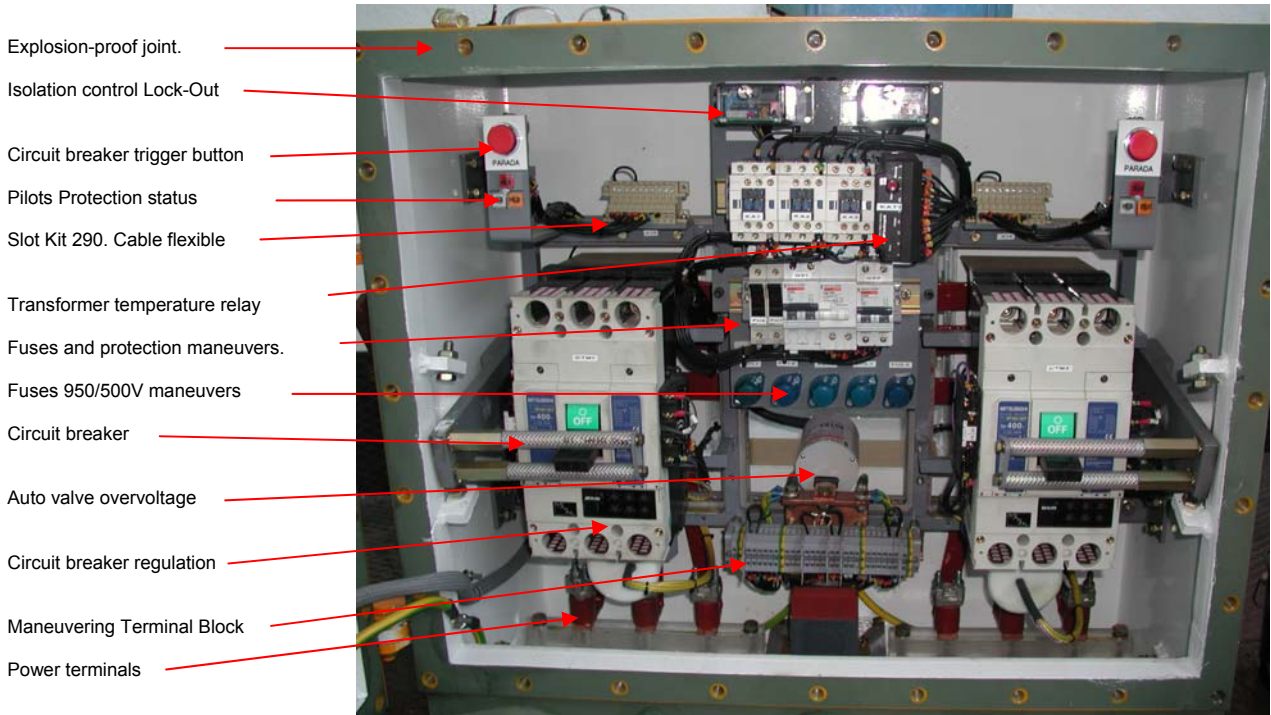


Detail of PBR20 cell on slide and coupled to a transformer.

For the user it is not necessary to open the cell at any time, being able from its buttons and elements of the cell to make all the necessary maneuvers.



External detail of a PBR20 cell



Internal detail of a PBR20 cell



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