

PANEL FOR AUXILIARY ALARMS IN PRIMARY ELECTRICAL SUBSTATIONS SERIES CP



in accordance with ENEL STANDARDISATION:
DQ 1072 – DQ 1987 – DQ 1931 – DQ 2026

Overall dimensions



**PANEL FOR
AUXILIARY ALARMS
IN PRIMARY
ELECTRICAL
SUBSTATIONS**

"SERIES CP"

General Features

The auxiliary alarm panels used in the "LV" control board of electrical substations with ENEL standardisation in accordance with "DV1036A2" requisites are made in 19" anodised aluminium rack and 1U.

Each one is equipped with cards for local visual and acoustic signalling and remote signalling for any generic alarms in the substation.

The front panel of the racks is supplied with: led signalling, led test and reset pushbuttons and for some functions, pushbuttons for turning the power components on and off and relative position indicators.

Technical features

- Supply voltage: 110 V dc
- Relay in compliance with EU DV15-16 charts or miniaturised.
- RCD" circuits with features in compliance with the functions of the relays used.
- On front panel provision is made for:
 - Red high efficiency led signalling.
 - Relay test pushbuttons "PR" and "RESET".
- For some functions provision is made for:
 - Cross-shaped illumination with red and green leds to indicate the position of the power components.
 - "Open" and "Close" command pushbuttons of the power components.
- On rear panel provision is made for:
 - 2 multipole connectors with 50 poles "C1" and "C2" in accordance with ENEL "DV810A" requisites.
- Other technical features in accordance with the requisites of the ENEL "DV1036A2" specifications.

Climatic Operating Conditions

- Operating temperature: $-10 \div +55$ °C.
- Atmospheric pressure: $70 \div 110$ KPa.
- Relative humidity: $< = 95\%$.

Insulation Tests

- In accordance with requisites made on ENEL REMC 01 chart the levels of which are given in Table 1.

Configurations and personalization

- The personalization of the panels is made in function of the various uses in the substations in compliance with the following ENEL technical specifications:
 - DQ 1072A2NCI
 - DQ 1987A2NCI
 - DQ 1931A2NCI
 - DQ 2026A2NCI

Options

- For special uses and specific functions the standardised panels can be adapted according to the needs of the plant.
- For example several specifications:
 - DW 1071A2NC
 - DWG 8170 - 02
 - DQ 1932A2
 - DQ 2082A2
 - DQ 2932A2
 - DQ 913A2
 - 4RL 000 - CP - AT/MT
 - TSD Alarms (ACEA)
 - TSD 86TR - Block relay panel (ACEA)
 - UI-67 - People-present panel (ACEA)

**COMPANY WITH QUALITY MANAGEMENT
SYSTEM CERTIFIED BY DNV
= ISO 9001:2008 =**

La RTE si riserva il diritto di apportare eventuali modifiche al presente catalogo senza preavviso.
RTE reserves the right to make any modification to this catalogue without prior notice.

In nessun caso ci riterremo responsabili per qualsiasi eventuale danno, indiretto o conseguente alla vendita, rivendita, trasferimento, uso o uso improprio del prodotto.
In no case shall we be considered liable for any damages, whether indirect or in consequence of the sale, resale, transfer, use or incorrect use of the product..