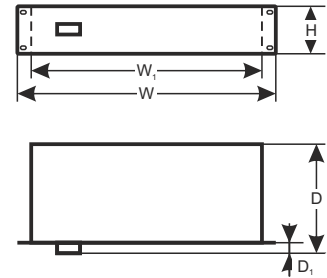


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NAME: **RCB24V** v.1.0/1

Battery controller 24VDC/10A/4x17Ah for RACK 19" cabinets



The battery controller features:

- Microprocessor-based automation system
- Automatic battery test every 5 min.
- The measurement of the resistance of the battery circuit
- Monitoring of the continuity of the battery circuit
- Battery Detection
- Low battery voltage indication - DC operation
- Battery output protection against short-circuit and reverse polarity connection
- Battery compartment for 2+4
7 Ah / 17 Ah / 12 V (SLA) batteries
- Technical output of failure - relay type
- Optical indication of failure (LED)
- Acoustic indication of failure
- "Test" button is at the front panel
- Designed to operate with a 27,6 V uninterruptible power supply unit
- Warranty: 2 years from production date

DESCRIPTION

The **RCB24V** battery controller is designed for monitoring the status of the 4 x 17 Ah / 12 V (SLA) battery pack based on the measurements of resistance, continuity of the battery circuit, voltage, and the charge level. It is also protected against reverse connection and short circuit in the charging circuit. In the case of failure, a LED light is activated, which is accompanied by switching of relay contacts and acoustic indication.

ELECTRICAL PARAMETERS

Battery compartment	4 x 17 Ah / 12 V (SLA) max.
BAT output current	10 A max.
BAT output voltage	27,6 V DC max.
Battery output protection against short-circuit and reverse polarity connection	15 A (19 mm) time-delay fuse
Optical indication of operation	ALARM LED
Acoustic indication of operation	Piezoelectric indicator ~75 dB / 0,3 m
ALARM – technical output of collective failure indication	Relay type: 1 A@ 30 V DC / 48 V AC

MECHANICAL PARAMETERS

Mounting dimensions	W=19", H=2U, D=425
Dimensions	W=483, W ₁ =435, H=88, D=425, D ₁ =15 [+/- 2mm]
Mounting	Six-point butt mounting to RACK profiles - a set of 6 M6 screws + cage nuts included
Net/gross weight	5,2 / 5,9 [kg] (without batteries)
Enclosure	Steel plate 1,2mm, color RAL 9005
Warranty	2 years from production date
Connectors	Battery inputs: 6,3F-2,5 BAT output: $\Phi 0,63 \pm 2,50$ (AWG 22-10) 0,5-2,5mm ² ALARM output: $\Phi 0,5-2,1$ (AWG 24-12) 0,5-1,5mm ²