MultiControl MCW

Central battery system MC according to EN 50171 and BGV A3 for the power supply of safety and escape route luminaires 230V / 216V AC/DC. Suitable for emergency lighting systems according to DIN VDE 0100-718, DIN EN 50172 and E DIN VDE 0108-100. With automatic testing device and single luminaire monitoring with individual state indication per luminaire in the control unit in combination with system-oriented electronic ballasts including monitoring module without additional data line.

rated operating time: ... h

recharging time: 12 h

consisting of:

microprocessor-based control unit with DB25-Centronics printer interface as well as integrated IO-module for the retransmission of operating states, remote initiation of function tests and blocking of the emergency lighting.

charger module with microprocessor-controlled charging and the number of charging units, necessary for a battery charging in comliance with the standards.

For the integration of up to 24 variable circuit modules, 3 charger modules (à 2,5A) and max. 1 fuse-protected battery and mains output for sub-systems and sub-distributins.

Larger system configurations require additional marshalling panels or bigger electronics cabinets.

fuse switch disconnector (NH/D02) for mains and battery supply, terminal cross-section by default 16mm² (larger cross-sections 35mm²/50mm²/70mm² upon request).

steel sheet wall-mounted cabinet

dimensions: H=900mm, W=600mm, D=450mm

protection level: electronics cabinet IP 20, protection class I

cable entry: from top or bottom

door hinges: left (also right possible), 3x double bit locking

version: with 4 wall holders or screwed to the battery cabinet (H900mm)

outside finishing: structural powder coating,

colour: RAL 7035 light grey.

fitted with:

freely programmable end circuits à 3A nominal current / 650VA (fuse protection 2x T5A)

freely programmable end circuits à 4A nominal current / 850VA (fuse protection 2x T6.3A)

freely programmable end circuits à 6A nominal current / 1,300VA (fuse protection 2x T10A)

2-pole fuse protection as well as info-pushbutton on the front panel.

SAM24 light switch queries for the joint switching of general and emergency lighting, with 8 switch inputs (loosely enclosed).

LUAN1 potential-free fan contact for the connection of a technical ventilation of the operating room, designed for max. 6A/AC1 fuse-protected with T3,15A connected to terminals.

LUAN2 fan contact 230V/50Hz for the connection of a technical ventilation of the operating room, fuse-protected with T3,15A connected to terminals.

LUAN3 3-phase fan contact incl. switch contactor and motor-protecting circuit (T1A) for the connection of a technical ventilation of the operating room, fuse-protected and connected to terminals.

LUINT technical ventilation by means of a forced ventilation 230V/50Hz incl. integrated airflow monitor (function monitoring according to EN50171), potential-free, connected to terminals

integrated 4-pin event printer MCBD04E

built-on transparent door (polycarbonate)

IP54-design with internal swing frame and transparent door (optional)

OGiV – block battery ...... Ah /C10 1.8V/Z, 20°C 216V

(incl. 25% ageing reserve according to EUROBAT and DIN EN 50171) fitted in:

battery cabinet, HxWxD 900x600x450mm

with 3 shelves

battery cabinet, HxWxD 1,800x600x450mm

with 6 shelves

battery rack BGEU I

battery rack BGEU II

cabinet base, height 100mm,

colour RAL7022 grey

cabinet base, height 200mm,

colour RAL7022 grey

type: MCW348

Brand: RP-Technik

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