



RDC Charger

User manual



Robotina d.o.o.
OIC-Hrpelje 38 Hrpelje
SI-6240 Kozina
Slovenia

Table of Contents

| | |
|---|---|
| BM-MC | 5 |
| <i>Highlights & Features</i> | 5 |
| <i>Technical specification</i> | 5 |
| <i>Wiring</i> | 6 |

BM-MC

BTMS Master controller



| | |
|-------------|----------------------|
| Order code: | BM-MC |
| Mounting: | DIN rail, 6M, 106 mm |
| Dimensions: | 106×108×58 mm |

Highlights & Features

- Communication with temperature and humidity sensors
- Additional digital inputs for connecting various sensors (leakage, gas,...)
- Additional digital outputs for disconnecting strings with an error or for alarming
- Supports up to:
 - 32 strings (BM-SS)
 - 4 Digital IO modules (BM-LC) with 8 DI and 8 DO each

Technical specification

| | | |
|-----------------------------|---------------------------------------|--------------|
| Power supply | Nominal | 24 VDC |
| | Range | 18 .. 28 VDC |
| Power consumption | Typical | 150 mA |
| | Max | 280 mA |
| Digital outputs | relay 8A/250VAC or 8A/30VDC resistive | |
| Operating conditions | 0..50°C, 0..85% rh non-condensing | |

| Dimensions | width | 185 (110+2×37,5) mm |
|------------|--------|---------------------|
| | height | 103 mm |
| | depth | 51 mm |

LED indicators

| | | |
|-----------------|----------------------------|------------------------------------|
| PWR | | power supply OK |
| RUN | | run |
| | | stop |
| | | pause |
| | | program error |
| | | no kernel |
| | | hardware error |
| | IEX2 | IEX-2 modules communication status |
| COM1 | BM-TP communication status | |
| COM2 | BM-SS communication status | |
| Ethernet | LAN communication status | |

Wiring

