

EM-VLD-120

VLD - for DC traction / Monitoring for VLD

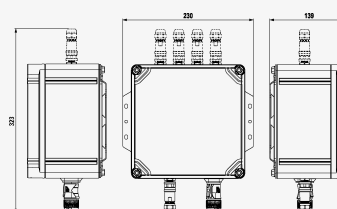
Control unit of VLD remote monitoring system

Remote monitoring system of VLD

- fully automatic monitoring of VLD class 2
- up to 4 VLD sensors connectable
- local data recording to SD card
- online voltage and current measurement
- forced VLD switch off to reduce stray currents (option)
- integrated web server
- detection of VLD fault
- remote connection to SCADA via MODBUS (TCP/IP)



Product dimensions



| Parameter name | Parameter value |
|---|---|
| Nominal triggering voltage of VLD | 120.00 V DC |
| Number of connectable measuring units | 1 - 4 |
| Rated power supply voltage AC 50 Hz | 110 – 230 V ± 10 % |
| Maximum rated power (in the case of connecting 4 measuring units) | 80.00 VA |
| Remote monitoring (SCADA) | MODBUS using TCP/IP |
| Connection of measuring units | M12, 8-pin, a-code (S/FTP min. Cat. 6, < 100 m) |
| Connection to the SCADA system | M12, 8-pin, a-code (S/FTP min. Cat. 6) |
| Overvoltage category for power circuit | CAT II up to 300 V |
| Weight | 2.30 kg |
| Location of SPD | indoor and outdoor |
| Mounting | wall / column / DIN rail 35 mm |
| Range of ambient temperatures (min/max) | -20 / 50 °C |
| Degree of protection | IP 65 |
| Altitude | up to 4000 m above sea level |

| | |
|---------------------------------|--|
| Humidity | 20 - 95 % |
| Pollution degree (IEC 60664-1) | 2 |
| Degree of mechanical resistance | IK 08 (5 J) |
| According to standard | EN 61010-1, IEC 61010-1, EN IEC 61326-1, IEC 61326-1 |
| ETIM Class | EC002495 |
| Customs tariff number | 85301000 |
| EAN | 8595090571957 |
| Order number | A07195 |

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