EM-VLD-120

VLD - for DC traction / Monitoring for VLD

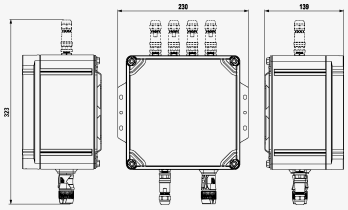
Control unit of VLD remote monitoring system

Remote monitoring system of VLD

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



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**