



## LICENCE OPTIONS

557005 OpenVPN blue'Log XM / XC license
557006 SFTP / FTP-Push blue'Log XM / XC license
557007 IT infrastructure (LDAP, SCEP, SSL) license
557008 Modbus Power Control blue'Log XC license
557009 SCADA Interface blue'Log XM / XC license
557010 Zero Feed-In (Automatic grid disconnection) blue'Log XC license
557011 WEB'log Slave mode blue'Log XM license

### Remote Power Control

557122 Remote Power Control license ≤ 200 kWp blue'Log XC
557123 Remote Power Control license ≤ 1 MWp blue'Log XC
557124 Remote Power Control license ≤ 3 MWp blue'Log XC
557125 Remote Power Control license ≤ 5 MWp blue'Log XC
557126 Remote Power Control license ≤ 10 MWp blue'Log XC
557127 Remote Power Control license ≤ 20 MWp blue'Log XC
557128 Remote Power Control license ≤ 50 MWp blue'Log XC
557129 Remote Power Control license ≤ 100 MWp blue'Log XC

## TECHNICAL DATA

Power supply	24 V DC
Power consumption	Typically 5 W max. 80 W, incl. MX module
ESD protection	Tested in accordance with DIN EN 61000-4-2 (4 kV contact discharge, 8 kV air discharge)
Operating temperature	-20 °C to 60 °C
Storage and transport temperature	-20 °C to 75 °C
Protection class	IP 20
Elevation	max. 2,000 m
Rel. air humidity	max. 80 %
Degree of soiling	max. 2
Installation	Top-hat rail (35 mm) and wall mounting
Dimensions (H x W x D)	110 x 146 x 63 mm (including side parts)
Weight	385 g
Storage	16 GB (>100 days of data storage)

## DISPLAY / OPERATION

Display	1 (291 x 118 pixels)
LED display	3
Operating buttons / directional pad	2 / 1
Reset button	1
DIP switches (bus termination)	3 (2 x RS485 / 1 x CAN)

## INTERFACES

### Communication

2 x RS485 (interface can be terminated individually)  
 1 x Ethernet (10/100 MBit)  
 1 x CAN

### Digital inputs

4 x digital inputs (mode configurable via software for each port)  
 The following options are available for each digital input:

Type	Usage	Range	Precision	Resolution
Digital	Wet contact	24 V DC / 20 mA	-	-
Meter	S0	S0 compliant / max. 16 Hz	-	-

### Multi inputs

4 x multi inputs (mode configurable via software for each port)  
 The following options are available for each multi input:

Type	Usage	Range	Precision	Resolution
Digital	Wet contact	5 V DC / 5 mA	-	-
Meter	S0	S0 compliant / max. 16 Hz	-	-
Analog	Voltage input	0-10 V DC	2 mV DC	40 µV DC
Analog	Current input	0-20 mA	80 µA	2 µA
Analog	Resistor (PT1000)	600-1,800 Ω	2 Ω	0,5 Ω

### Digital outputs

4 x digital outputs (mode configurable via software for each port)  
 The following options are available for each digital output:

Type	Usage - Open collector	Range
Digital	Active high GND (0: 1 MΩ / 1: GND) <sup>5)</sup>	max. 24 V DC / max 50 mA
Digital	Active low GND (0: GND / 1: MΩ)	max. 24 V DC / max 50 mA
Digital	Active high 24 V (0: 1 MΩ / 1: 24 V DC) <sup>6)</sup>	24 V DC / max 50 mA
Digital	Active low 24 V (0: 24 V DC / 1: 1 MΩ)	24 V DC / max 50 mA

<sup>5)</sup> Firmware < 16.0.5 Active low

<sup>6)</sup> Firmware < 16.0.5 Active high

## MX-MODULES

MX-Module RS485/422  
 MX-Module Multi I/O

The system can be expanded with additional interfaces by connecting MX modules. The following modules can get connected:

Maximum 3  
 Maximum 5

## DRIVERS

Supported devices  
 (Inverters, sensors, meters,  
 string monitoring, batteries, trackers)

The system is supplied with all device drivers available at the time of production. Those can be assigned variably to the corresponding interface on the blue'Log. The number of supported devices is increasing all the time. You will find further information in the blue'Log compatibility list.

Further information: [www.meteocontrol.com](http://www.meteocontrol.com)