

MX-MODULE MULTI I/O

Quick Start Guide

Version 20160202



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DEVICE OVERVIEW



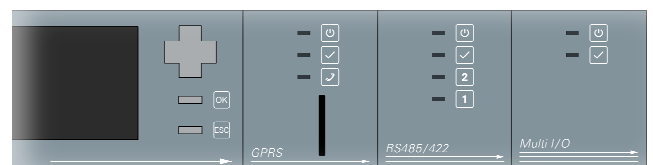
- ① LED: Power Status
- ② LED: Device Status
- ③ Connector for blue'Log expansion
- ④ 4 Interfaces for Digital Output
- ⑤ 4 Interfaces for Multi Input (DI & AI)
- ⑥ Case lock

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CONNECTION ORDER

When connecting MX-Modules to the blue'Log X basis device, the following order needs to be considered:

- The number of lines (incl. line with arrow) at the bottom of the front panel of the blue'Log as well as the MX-Modules indicates the order of connection.
- When installing various MX-Modules, they must be connected from left to right sorted by the ascending number of lines (incl. Line with arrow). Following illustration describes the correct procedure.



WARNING

Order of expansion modules

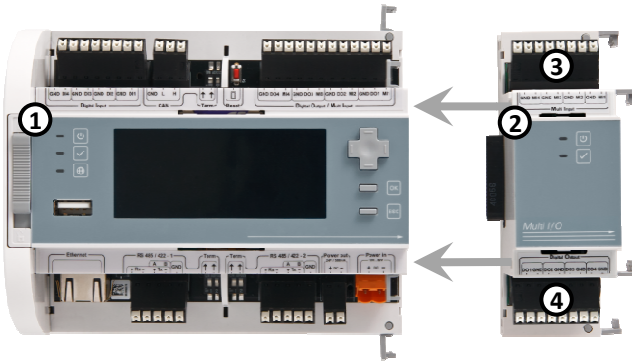
When connecting the MX-Modules in a wrong order, errors might occur and correct function can no longer be ensured.

PREPERATION

- Remove the upper and lower cap from your blue'Log X basis device.
- Disconnect your blue'Log X basis device from the power supply.
- Remove the cap on the right side of the case from your blue'Log X basis device according to the manual.

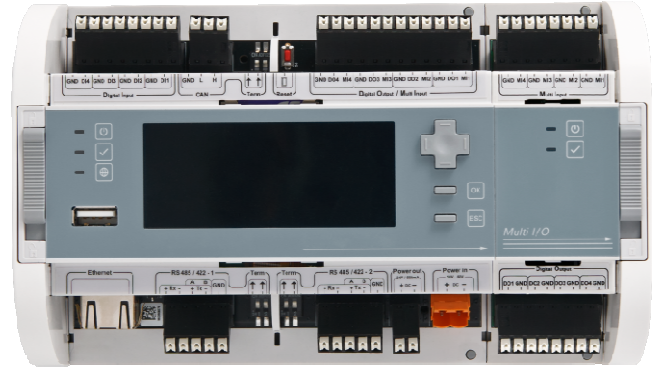
INSTALLATION

The blue'Log X basis device ① is expanded by the MX-Module Multi I/O ② with additional Interfaces ③ and ④.



- ① blue'Log X basis device
- ② MX-Module Multi I/O
- ③ Multi Input (digital and analog)
- ④ Digital Output

- Connect the MX-Module Multi I/O ②* to the blue'Log X basis device ①*, until no visible gap remains. Check for secure fit.
- Interlock both modules (①* and ②*) by closing the previously opened case locks.
- Reattach the previously removed side cap to the right side of the expansion module and fasten it by closing the case locks.









*Refer to point 3

PIN ASSIGNMENT

Following pin assignment for „Multi Input“ (top) and „Digital Output“ (bottom).

	8 7 6 5 4 3 2 1	1 2 3 4 5 6 7 8
Pin	Multi Input	Digital Output
1	MI 1	DO 1
2	GND	GND
3	MI 2	DO 2
4	GND	GND
5	MI 3	DO 3
6	GND	GND
7	MI 4	DO 4
8	GND	GND

STATUS-LEDS

Symbol	LED	Explanation
		Green on: Module supplied with power
		Off: Error in power supply
		Green on: Standard mode: Module recognized
		Off: Error: Module not recognized