

WARNING

Keep protective caps in place when connectors are not in use.

Do not open the EX23-R. There are no user serviceable components inside the unit.

Opening the unit invalidates the warranty and IP rating.

Do not apply more than 10 psi water pressure to the unit.

Do not put anything in the vent holes.



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They are not to be understood as express warranty and do not constitute any liability whatsoever.

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measure and predict with confidence

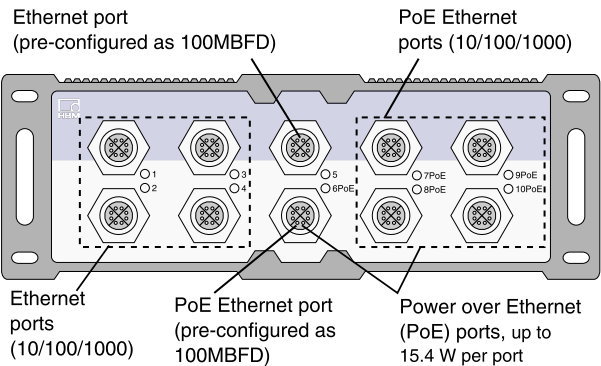
**SOMAT XR**

EX23-R Quick Start Guide

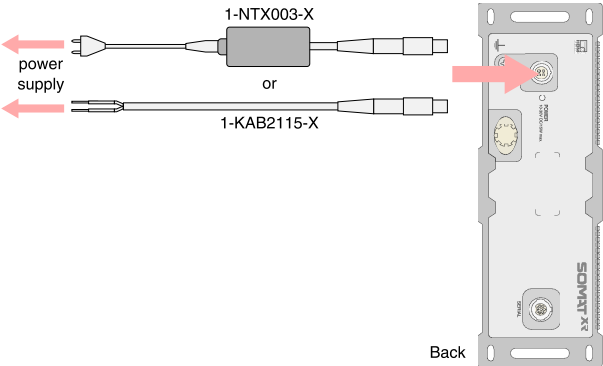
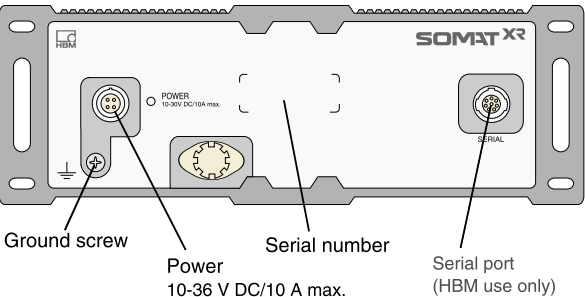


EX23-R PoE Switch

FRONT



BACK



Setting up the EX23-R

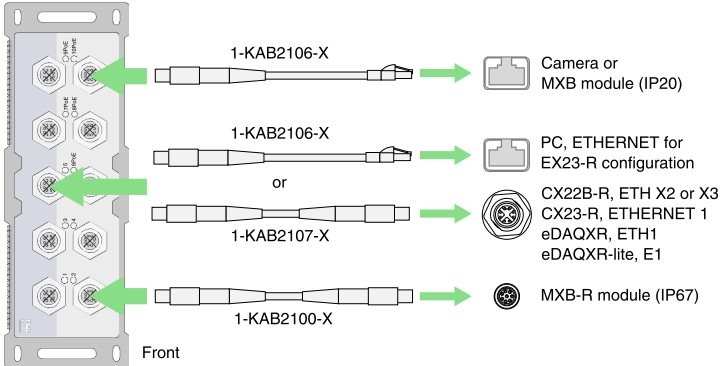
The EX23-R is designed to be used straight out of the box.

1. Connect the 1-NTX003 power supply or 1-KAB2115 power pigtail cable from the power connector on the EX23-R to a 10-36 V_{DC} power source.

NOTE

Connect only the red and black wires of the 1-KAB2115 cable. Do NOT use a 1-KAB2110 cable to power the EX23-R, eDAQXR EXRCPU or eDAQXR-lite EXRLCPU.

2. Connect the desired devices to the Ethernet ports using 1-KAB2100, 1-KAB2106 or 1-KAB2107 Ethernet cables, depending on the device.



CAUTION

Drawing PoE power lowers the maximum operating temperature. Please refer to the data sheet for the exact de-rating specifications.

EX23-R Factory defaults

To reset to factory defaults, jumper port 1 to port 2 using a 1-KAB2107 cable and power cycle the unit.

NOTE

Reset to factory defaults will cause ports to auto negotiate. However, Ports 5 and 6 must be manually configured to 100Mb full duplex (status LED will be orange) for reliable PTP function. Contact HBM Customer Service for assistance with manual configuration.

Configuring the EX23-R

1. Connect a PC to any open EX23-R port using a 1-KAB2106 cable.
2. Open an internet browser and navigate to:
IP Config: 192.0.2.1/ip_config.htm or
Firmware: 192.0.2.1/upload.htm
3. Log on using the default credentials:
username: *admin* password: (*blank*)

EX23-R status LEDs

Power LED	Description
Off	Power input not in range
On	Unit is powered
Flashing (2 Hz)	Power error
Flashing (8 Hz)	Firmware update

Several issues can cause a power error:

- Over temperature
- Over voltage or over current input power
- Internal power supply not working

Ethernet LED	Description
Off	No link
Green	Gigabit link is up
Orange	10 or 100 Mb link is up