

Martin.Care GmbH

Technical documentation for technical alarms via WebIO

Version 00.01



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1 Product basic data

1.1 Product name / Designation

Name: Web-IO 4.0 Digital, 2xIn, 2xOut / Web-IO 4.0 Digital with 2 switching inputs and outputs.

1.2 Product image with technical data



Figure 1 Web-IO 4.0 Digital

1.2.1 Hardware:

Web-IO 4.0 Digital, 2 x In, 2 x Out from W&T Art. No.: 57737

Plug-in power supply 24V 500mA DC Art.No.: 11021

1.2.2 Software-Tool:

Web-I/O Version 1.0

The Web IO software must be installed and configured on the SCC5.0 server in a specific folder. This can only be done by our company!

After installation, a technical alarm is triggered and a relay circuit is triggered on the external Web IO.

If a technical alarm occurs in the SCC5.0, a relay circuit can be generated by the external relay module, which can be used on a customer-specific basis.

On 07/23/2021, all required tests were completed and the Web IO software tool was released.

The Web IO software is an independent software module that extracts the information to be evaluated from the SCC5.0 database.

The Web IO software is not included in the SCC5.0 software package by default.

1.3 Functionality

The configuration can be done only by our company.

When upgrading existing SCC5.0 systems, remote access is required for the integration of a Web IO.

The customer is asked to specify in advance if he does not have remote access. In this case, the additional software tool running in the background and not configurable via the interface must be included in the order to enable its installation and configuration on our part.

An additional IP address is still required for setting up the Web IO, which must be specified before setting up the technology.

The same Web IO type must always be used and the corresponding power supply unit must also be ordered.

1.4 Installation and wiring

The Web-IO Digital 2xIn, 2xOut is intended for installation in the control cabinet. For mechanical mounting, the Web-IO must be snapped onto a 35 mm top-hat rail according to DIN EN 50022. The Web-IO is 22 mm wide.

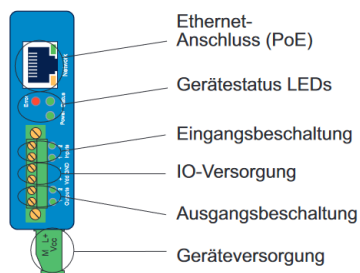


Figure 2 Wiring overview

1.4.1 Supply voltage connection

The Web IO is supplied with power either via PoE (Power over Ethernet Class 2) or via a DC voltage between 12 and 48 V. The supply voltage is connected via the green terminal on the bottom.

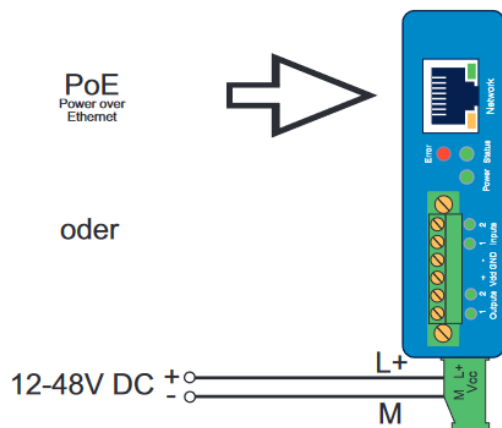


Figure 3 Supply voltage connection

1.4.2 Output wiring

The outputs are current-controlled and can be loaded with a maximum of 500mA each. The voltage V_{dd} , which is applied to the terminals + V_{dd} and - GND, is switched. When the auxiliary voltage is switched on, it is output through the outputs. In this case, the maximum load is reduced to 150mA for both outputs.

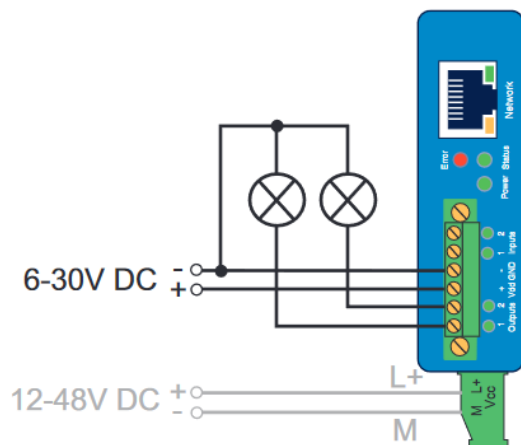


Figure 4 Output wiring