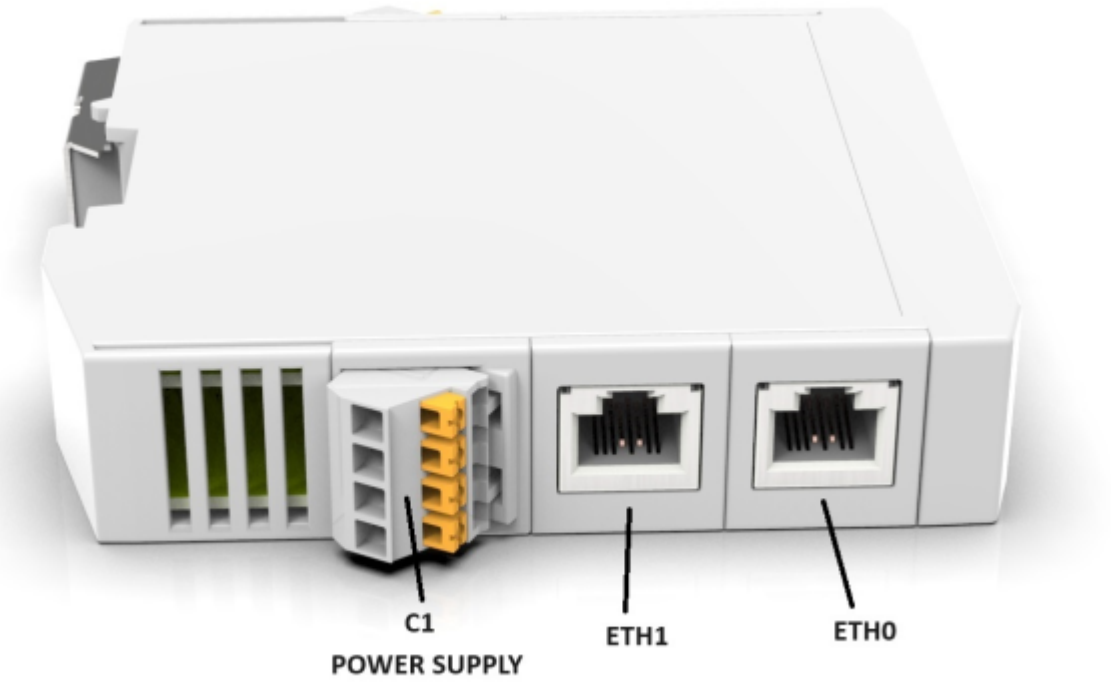
Ports

This page shows the **ports** of the EtherCAT gateway. The connector layout and the pin assignments are shown for the lower and upper side.

Lower-side

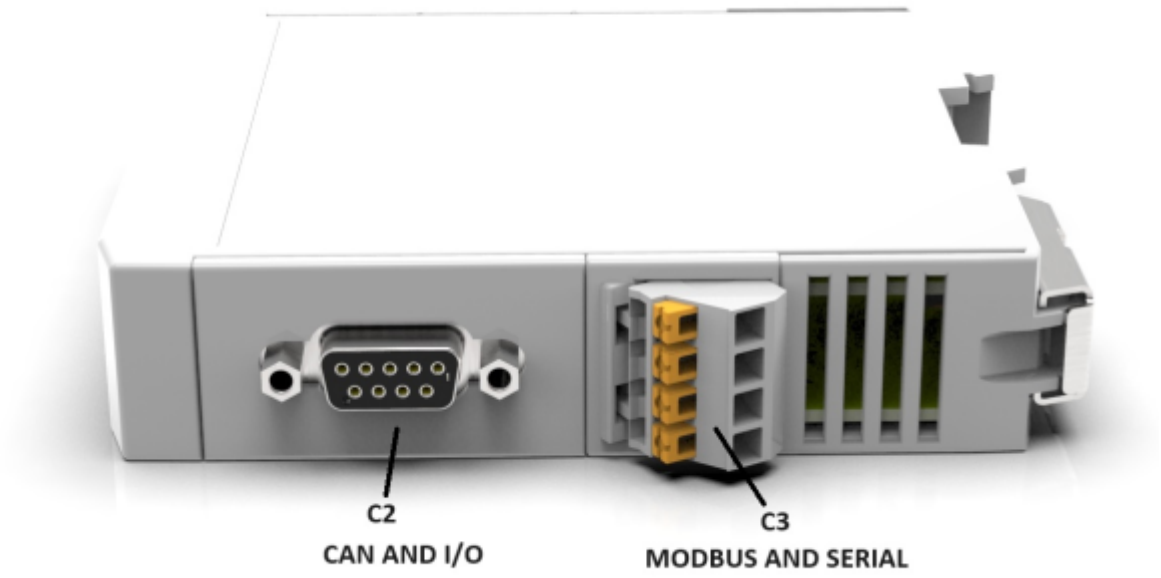


C1 Connector

Pin	Description
1	24VDC
2	GND
3	24VDC
4	GND

ETH0 - PORT IN / ETH1 - PORT OUT

Upper-side



C2 Connector - DSUB9 Male

Pin	Description
1	DIG_IN1
2	CAN_L
3	GND
4	DIG_OUT1
5	DIG_OUT2
6	DIG_IN2
7	CAN_H
8	DIG_IN3
9	DIG_OUT3

C3 MODBUS and Serial COM

Pin	Description
1	MODBUS B
2	MODBUS A
3	–
4	–

Please use the USB to UART3V3 cable to connect the gateway to the configuration software.

Notes

- **C1** provides the 24 VDC power supply. - **ETH0** is the EtherCAT port in; **ETH1** is the port out (daisy-chain). - **C2** (DSUB9 male) provides the digital I/O and the CAN bus. - **C3** provides the MODBUS and the serial COM for the configuration software.

From:
https://www.nilab.at/dokuwiki/ - **NiLAB GmbH Knowledgebase**

Permanent link:
https://www.nilab.at/dokuwiki/doku.php?id=en:gtw_ethercat:ports

Last update: **2026/09/11 07:55**