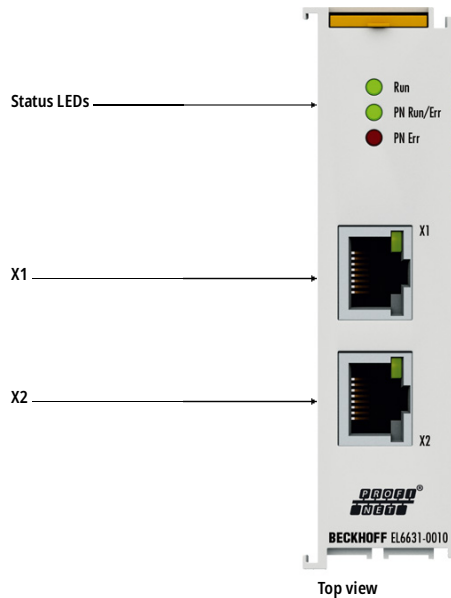
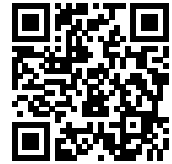


# EL6631-0010 | EtherCAT Terminal, 2-port communication interface, PROFINET RT, device



**i Product status:** Regular delivery

The EL6631 PROFINET RT controller (master) terminal supports the complete real-time function (RT) as well as extensive diagnostic possibilities. All services in accordance with Conformance Class B are supported. Up to 15 PROFINET RT devices can be projected on the EL6631.

The EL6631-0010 PROFINET RT device (slave) terminal enables simple exchange of data between EtherCAT and PROFINET RT. It is a device in the EtherCAT strand, which can consist of up to 65,535 devices. The EL6631-0010 has a 3-port switch. Two ports are fed to the outside on RJ45 sockets. This allows the I/O stations to be structured as a line topology, as a result of which the wiring is simplified. The maximum distance between two devices is 100 m.

Protocols such as LLDP or SNMP can be used for network diagnosis.

## Product information

### Technical data

Technical data	EL6631-0010
Technology	PROFINET RT
Number of ports/channels	2 (switched)
Ethernet interface	100BASE-TX Ethernet with 2 x RJ45
Fieldbus	PROFINET RT device
Max. process data size	1 kbyte input 1 kbyte output data
Cable length	up to 100 m twisted pair

Hardware diagnostics	status LEDs
Power supply	via the E-bus
Electrical isolation	500 V (E-bus/Ethernet)
Protocol	RT
Configuration	via EtherCAT master
Current consumption E-bus	typ. 400 mA
Special features	LLDP, SNMP, Conformance Class B, max. 15 RT devices, min. 1 ms RT cycle
Weight	approx. 75 g
Operating/storage temperature	0...+55 °C/-25...+85 °C
Relative humidity	95 %, no condensation
Vibration/shock resistance	conforms to EN 60068-2-6/EN 60068-2-27
EMC immunity/emission	conforms to EN 61000-6-2/EN 61000-6-4
Protect. rating/installation pos.	IP20/see documentation
Approvals/markings	CE, UL, ATEX
Ex marking	II 3 G Ex nA IIC T4 Gc

<b>Housing data</b>	<b>EL-24</b>
Design form	compact terminal housing with signal LEDs
Material	polycarbonate
Dimensions (W x H x D)	24 mm x 100 mm x 52 mm
Installation	on 35 mm DIN rail, conforming to EN 60715 with lock
Side by side mounting by means of	double slot and key connection
Marking	–
Wiring	specific push-in connection