



EP1111-0000 | EtherCAT Box with ID switch

The EP1111 has three decimal ID switches for assigning an ID to a group of EtherCAT components. This group can be present in any position in the EtherCAT network, as a result of which variable topologies can be realised in a simple manner.

The EtherCAT connection is established via shielded M8 screw connectors with direct display of link and activity status. The Run LED indicates the status of the EP1111.

Technical data	EP1111-0000
Task within EtherCAT system	identification of any EtherCAT group in the EtherCAT network
Number of configurable IDs	999
Data transfer medium	EtherCAT cable
Distance between stations	100 m (100BASE-TX)
Protocol	EtherCAT
Data transfer rates	100 Mbaud
Nominal voltage	24 V DC (-15 %/+20 %)
Distributed clocks	–
Configuration	not required
Bus interface	2 x M8 socket, shielded, screw type
Power supply	24 V DC
Sensor supply	–
Current consumption	typ. 120 mA
Weight	approx. 165 g
Operating/storage temperature	-25...+60 °C/-40...+85 °C
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. class/installation pos.	IP 65/66/67 (conforms to EN 60529)/variable
Approvals	CE, UL

Accessories	
ZK1090-3xxx-xxxx	Cables for EtherCAT signal in- and -output