



Top view

EK1322 | 2-port EtherCAT P junction with feed-in

The 2-port EK1322 EtherCAT P junction enables configuration of EtherCAT P star topologies. The ports can be used to connect individual EtherCAT P devices or whole EtherCAT P strands. The EK1322 can be installed at any point in an EtherCAT strand between the EtherCAT Terminals (ELxxxx). The front terminal points are used for the system and sensor supply U_s and the peripheral voltage for actuators U_p for the EtherCAT P outputs. In addition to the Run LED and the link and activity status of the respective port, two status LEDs indicate the state of the U_s and U_p voltages, as well as overload and short-circuit events.

Technical data	EK1322
Task within EtherCAT system	coupling of EtherCAT P junctions
Data transfer medium	EtherCAT P cable, shielded, to 100BASE-TX EtherCAT P networks
Bus interface	2 x M8 socket, shielded, screw type, EtherCAT-P-coded
Power supply	external feed-in: 24 V DC for U_s and U_p
Total current	max. 3 A per U_s and U_p
Current consumption from U_s	typ. 3 mA
Current consumption from U_p	typ. 3 mA
Current rating per port	max. 3 A per U_s and U_p
Current consumption E-bus	200 mA
Operating/storage temperature	0...+55 °C/-25...+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 20/variable
Approvals	CE

Accessories	
Cordsets	cordsets and connectors
ZK700x-010x-0xxx	Cables for EtherCAT P: Ultra-fast Communication and Power in One Cable

System	
EtherCAT	For further EtherCAT products please see the system overview .