Junction EtherCAT with PoE

ZAC50CN01

IndustrialEthernet

Part Number



- 2 digital I/O ports
- 5 PoE-capable ports
- 7 Industrial Ethernet ports
- High protection class IP67
- Rugged aluminium housing

Technical Data

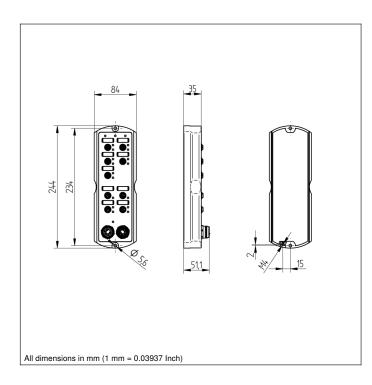
Electrical Data	
Supply Voltage	1832 V
Power consumption of device max.	0,3 A
Power consumption of system max.	2,2 A
Max. PoE Capacity	30 W
Max. Switching Current Switching Outputs	0,6 A
max. total current of the digital I/O ports	1 A
Switching Output Voltage Drop	< 2,5 V
Temperature Range	-2560 °C
Digital I/O ports short circuit protected	yes
Digital I/O ports overload protected	yes
Digital I/O ports reverse polarity protected	yes
PoE Ports	5
Number of digital I/O ports	2
Supported PoE Standard	IEEE802.3af
Supported PoE Classes	Class 0, 1, 2, 3
Baud Rate	100 Mbit/s
Transmission Mode	Full Duplex
Auto-Crossover	yes
Auto-Negotiating	yes
Auto-Polarity	yes
Interface	EtherCAT
Protection Class	III
Mechanical Data	
Material	Aluminum
Weight	1100 g
Degree of Protection	IP67
Type of Connection Power	2 × 7/8", 5-pin
Type of Connection Industrial Ethernet Ports	2 × M12; 4-pin
Type of Connection PoE Ports	5 × M12; 8-pin
Type of connection digital I/O ports	2 × M12; 4-pin
Web server	yes
EoE (Ethernet over EtherCAT)	yes
EtherCAT	
Power Source Equipment for PoE	
Connection Table No.	52
Suitable Connection Technology No.	78

This junction allows simple connecting of up to seven Industrial Ethernet products. Five PoE-capable ports supply connected devices with the needed power. In addition, up to four PNP sensors and actuators can be connected via two digital I/O ports.

Complementary Products

Locking Screw for 7/8" Z0028 Locking Screw for M12 Z0027







Specifications are subject to change without notice