



Product information OpenOCTOPUS Fast Ethernet - OCTOPUS 5TX EEC

Industrial Ethernet:Waterproof IP67/IP54 Switches:OpenOCTOPUS:OpenOCTOPUS Fast Ethernet

<https://www.e-catalog.beldensolutions.com:443/link/57078-24455-49850-351255-400977/en/OS20-000500T5T1YUHH08.0/uistate>

Name OpenOCTOPUS Fast Ethernet



Unmanaged IP 65 / IP 67 switch in accordance with IEEE 802.3, store-and-forward-switching, electrical Fast-Ethernet (10/100 MBit/s) M12-ports

Delivery informations

Availability available

Product description

Description Unmanaged IP 65 / IP 67 switch in accordance with IEEE 802.3, store-and-forward-switching, electrical Fast-Ethernet (10/100 MBit/s) M12-ports

Port type and quantity 5 ports in total; uplink ports: 10/100 BASE-TX, M12 "D"-coding, 4-pole; 5 x 10/100 BASE-TX; TP-cable, auto-crossing, auto-negotiation, auto-polarity.

Type OCTOPUS 5TX EEC

Order No. 943 892-001

More interfaces

Power supply/signaling contact no signaling contact

V.24 interface n/a

USB interface n/a

Network size - length of cable

Twisted pair (TP) 0 - 100 m

Network size - cascading

Line - / star topology any

Ring structure (HIPER-Ring) quantity switches n/a

Power requirements

Operating voltage DC 9,6 VDC .. 32 VDC

Power consumption 2,4 W

Current consumption at 24 V DC 100 mA

Software

Diagnostics link status, data)

Configuration n/a

Security n/a

Ambient conditions

Operating temperature -40 °C ... 85 °C

Storage/transport temperature -40 °C ... 85 °C

Relative humidity (also condensing) 10 % ... 100 %

MTBF 135,6 years; MIL-HDBK 217F: Gb 25 °C

Mechanical construction

Dimensions (W x H x D) 60 mm x 126 mm x 31 mm

Mounting Wall mounting

Weight 210 g

Protection class IP65, IP67

Mechanical stability

IEC 60068-2-27 shock 15 g, 11 ms duration, 18 shocks

IEC 60068-2-6 vibration 3,5 mm, 3-9 Hz, 10 cycles, 1 octave/min.; 1g, 9-150 Hz, 10 cycles, 1 octave/min.

EMC interference immunity

EN 61000-4-2 electrostatic discharge (ESD) 4 kV contact discharge, 8 kV air discharge

EN 61000-4-3 electromagnetic field 10 V/m (80-1000 MHz)

EN 61000-4-4 fast transients (burst) 2 kV power line, 1 kV data line

EN 61000-4-5 surge voltage power line: 2 kV (line/earth), 1 kV (line/line), 1 kV data line

EN 61000-4-6 conducted immunity 10 V (150 kHz-80 MHz)



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EMC emitted immunity

FCC CFR47 Part 15 FCC 47 CFR Part 15 Class A

EN 55022 EN 55022 Class A

Approvals

Basis Standard CE, C-Tick

Safety of industrial control equipment cUL 508, GOST-R, CCC, TR EAC, UkrSepro

Scope of delivery and accessories

Scope of delivery 2 x covers for sealing unused ports, M12-connector (ELWIK A 5012 PG7) for power connection, description and operating instructions

Note Please note that some recommended accessory parts only support a temperature range from -25 °C to +70 °C and might limit the possible operating conditions for the entire system.

Accessories to order separately M12 connector, "D"-coded (934 445-001); 2 m cordset with M12-connector, "D"-coded (934 578-001); 5 m cordset with M12-connectors, "D"-coded (934 578-002); 10 m cordset with M12-connectors, "D"-coded (934 578-003); Bulkhead M12 "D"-coded to RJ45 (934 498-001); OCTOPUS dust cover set (25 pieces) (942 057-001).

For more information please contact:

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