




Product information OpenOCTOPUS Fast Ethernet PoE - OCTOPUS OS24-081000T5T5TFFUHB

Industrial Ethernet:Waterproof IP67/IP54 Switches:OpenOCTOPUS:OpenOCTOPUS Fast Ethernet PoE
<https://www.e-catalog.beldensolutions.com:443/link/57078-24455-49850-351255-400868/en/OS24-081000T5T5TFFUHB08.0/uistate>

Name	OpenOCTOPUS Fast Ethernet PoE
	
	Unmanaged IP 65 / IP 67 switch in accordance with IEEE 802.3, store-and-forward-switching, power sourcing equipment in accordance with IEEE 802.3at (PoE + inline power), 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, power sourcing equipment in accordance with IEEE 802.3at (PoE + inline power), electrical Fast-Ethernet (10/100 MBit/s) M12-ports
Port type and quantity	10 ports in total; uplink ports: 10/100 BASE-TX, M12 "D"-coding, 4-pole; 10 x 10/100 BASE-TX, thereof 8 x 10/100 BASE-TX PoE (phantom power); TP-cable, auto-crossing, auto-negotiation, auto-polarity.
Type	OCTOPUS OS24-081000T5T5TFFUHB
Order No.	942 025-003
More Interfaces	
Power supply/signaling contact	1 x 7/8 inch 5-pin connector, 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 - cascadiability	
Line - / star topology	any
Ring structure (HIPER-Ring) quantity switches	n/a
Power requirements	
Operating voltage DC	24/36/48 VDC -30% / +25% (16,8 .. 60 VDC)
Power consumption	80 W
Current consumption at 24 V DC	3100 mA
Current consumption at 48 V DC	1600 mA
Software	
Diagnostics	LEDs (power 1, power 2, link status, data)
Configuration	n/a
Security	n/a
Redundancy functions	redundant power supply
Ambient conditions	
Operating temperature	-40 °C ... 70 °C
Storage/transport temperature	-40 °C ... 85 °C
Relative humidity (also condensing)	10 % ... 100 %
MTBF	30 years; MIL-HDBK 217F: Gb 25 °C
Mechanical construction	
Dimensions (W x H x D)	184 mm x 189 mm x 70 mm
Mounting	Wall mounting
Weight	1900 g
Protection class	IP54
Mechanical stability	
IEC 60068-2-27 shock	15 g, 11 ms duration, 18 shocks
IEC 60068-2-6 vibration	1 mm, 2 Hz-13.2 Hz, 90 min.; 0.7 g, 13.2 Hz-100 Hz, 90 min.; 3.5 mm, 3 Hz-9 Hz, 10 cycles, 1 octave/min.; 1 g, 9 Hz-150 Hz, 10 cycles, 1 octave/min



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EMC interference immunity

EN 61000-4-2 electrostatic discharge (ESD)	6 kV contact discharge, 8 kV air discharge
EN 61000-4-3 electromagnetic field	20 V/m (80-3000 MHz)
EN 61000-4-4 fast transients (burst)	2 kV power line, 2 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	3 V (10 kHz-150 kHz), 10 V (150 kHz-80 MHz)

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	GOST-R
Employment in vehicles	E1
Electronic mechanisms on rail-mounted vehicles	EN 50155, DIN 5510-2, NF F16 101, NF F16 102

Scope of delivery and accessories

Scope of delivery	description and operating instructions
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). 7/8" 5-pole, female connector (942 086-005);

For more information please contact:

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