




Product information OCTOPUS 5TX EEC

Industrial Ethernet:Waterproof IP67/IP54 Switches:Unmanaged Waterproof IP67/IP54 Switches:Fast Ethernet Unmanaged Waterproof IP67/IP54 Switches:OCTOPUS 5TX EEC

<http://www.e-catalog.beldensolutions.com/link/57078-24455-49850-124125-124126-40339/en/conf/ui/state>

Name	OCTOPUS 5TX EEC
	
	IP 67 switch in accordance with IEEE 802.3, store-and-forward-switching, Ethernet (10 Mbit/s) and Fast-Ethernet (100 Mbit/s)
Delivery informations	
Availability	available
Product description	
Description	IP 67 switch in accordance with IEEE 802.3, store-and-forward-switching, Ethernet (10 Mbit/s) and Fast-Ethernet (100 Mbit/s)
Port type and quantity	5 x 10/100 BASE-TX, M12 D coding, 4-pole, TP cable auto-crossing, auto-negotiation, auto-polarity
Type	OCTOPUS 5TX EEC
Order No.	943 892-001
More Interfaces	
Power supply/signaling contact	1 x M12 5-pin connector, A coding / no signal contact (fault relais)
V.24 interface	n/a
USB interface	n/a
Network size - length of cable	
Twisted pair (TP)	0 - 100 m
Multimode fiber (MM) 50/125 µm	n/a
Multimode fiber (MM) 62.5/125 µm	n/a
Network size - cascading	
Line - / star topology	Any
Ring structure (HIPER-Ring) quantity switches	n/a
Power requirements	
Operating voltage	DC 9.6 to 32 V
Power consumption	max. 2.4 W
Current consumption at 24 V DC	max. 100 mA
Current consumption at 48 V DC	n/a
Service	
Management	n/a
Diagnostics	LEDs (power, link status, data)
Configuration	n/a
Security	n/a
Other services	n/a
Redundancy	
Redundancy functions	n/a
Ambient conditions	
Operating temperature	-40 °C to +70 °C
Storage/transport temperature	-40 °C to +85 °C
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	IP 67
Mechanical stability	
IEC 60068-2-27 shock	15 g, 11 ms duration, 18 shocks
IEC 60068-2-6 vibration	3.5 mm, 3 Hz - 9 Hz, 10 cycles, 1 octave/min.;



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	1g, 9 Hz - 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)
EMC emitted immunity	
FCC CFR47 Part 15	FCC CFR47 Part 15 Class A
EN 55022	EN 55022 Class A
Approvals	
Safety of industrial control equipment	cUL 508
Employment in vehicles	E1
Scope of delivery and accessories	
Scope of delivery	2 x covers for sealing unused ports, M12-connector (ELWIK 5012 PG7) for power connection, description and operating instructions
Accessories to order separately	n/a
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. Specially designed connector types with protection class IP67 and extended temperature range are available on request. Furthermore unsealed accessories like RJ45 adapters or terminal access cables are certainly not suitable inside IP67 areas.

For more information please contact:

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