




Product information
OCTOPUS OS24-081000T5T5TNEUHB
942 025-004

Name	
OCTOPUS OS24-081000T5T5TNEUHB	
	
Unmanaged switch in accordance with IEEE 802.3, store-and-forward-switching, Fast-Ethernet (10/100 Mbit/s) ports, power sourcing equipment in accordance with IEEE 802.3at (inline power) total PoE power max. 62W	
Delivery informations	
Availability	available
Product description	
Description	Unmanaged switch in accordance with IEEE 802.3, store-and-forward-switching, Fast-Ethernet (10/100 Mbit/s) ports, power sourcing equipment in accordance with IEEE 802.3at (inline power) total PoE power max. 62W
Port type and quantity	8 x 10/100 Base-TX PoE (phantom power) and 2 x 10/100 Base-TX, M12 D-coded, 4-polig, TP-cable, autocrossing, autonegotiation, autopolarity
Type	OCTOPUS OS24-081000T5T5TNEUHB
Order No.	942 025-004
More Interfaces	
Power supply/signaling contact	1 x 7/8 inch 4-pin connector, no signaling contact
V.24 interface	n/a
USB interface	n/a
Network size - length of cable	
Twisted pair (TP)	0 m ... 100 m
Multimode fiber (MM) 50/125 µm	n/a
Multimode fiber (MM) 62.5/125 µm	n/a
Single mode fiber (SM) 9/125 µm	n/a
Network size - cascading	
Line - / star topology	any
Ring structure (HIPER-Ring) quantity switches	n/a
Power requirements	
Operating voltage DC	72 V ... 110 V
Power consumption	80 W
Current consumption at 72 V DC	1100 mA
Current consumption at 110 V DC	700 mA
Software	
Diagnostics	LEDs (power 1, power 2, link status, data, error)
Configuration	n/a
Security	n/a
Redundancy functions	n/a
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, 5 Hz-13.2 Hz, 90 min.; 0.7g, 13.2 Hz-100 Hz, 90 min.; 3.5 mm, 5 Hz-8.4 Hz, 10 cycles, 1 oktave/min.; 1g, 8.4 Hz-150 Hz, 10 cycles, 1 oktave/min.

The information published has been compiled as carefully as possible. It is subject to alteration without notice in technical as well as in price related/commercial respect.



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 (80-2700 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	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	
Safety of industrial control equipment	cUL 60950-1 (pending)
Hazardous locations	n/a
Shipbuilding	n/a
Employment in vehicles	n/a
Electronic mechanisms on rail-mounted vehicles	EN 50155, EN 50121-4, DIN 5510-2, NF F 16-101, NF F 16-102, EN 45545 (pending)
Scope of delivery and accessories	
Scope of delivery	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	7/8" 4-pole, female connector (942 086-004); 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)

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