

Product information SPIDER 5TX PD EEC

Industrial Ethernet:Unmanaged Industrial Ethernet Switches:SPIDER PoE-Switches:SPIDER 5TX PD EEC

<https://e-catalog.hirschmann.com:443/link/57078-24455-49855-211393-206743/en/conf/uistate>

Name		SPIDER 5TX PD EEC
		
		5 Port Switch with 5 x TX Ports therefrom 1 x PoE PD Port; enhanced environmental conditions
Delivery informations		
Availability		available
Product description		
Description		5 Port Switch with 5 x TX Ports therefrom 1 x PoE PD Port; enhanced environmental conditions
Port type and quantity		5 x 10/100BASE-TX, 1 x PoE according to IEEE802.3af, TP-cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity
Type		SPIDER 5TX PD EEC
Order No.		942 051-001
Classification		
Belden brand		Hirschmann
More Interfaces		
Power supply/signaling contact		PoE feeding, no signaling contact
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
Single mode fiber (LH) 9/125 µm (long haul transceiver)		n/a
Network size - cascability		
Line - / star topology		any
Power requirements		
Operating voltage		48 VDC (36 ... 57 VDC, phantom power)
Current consumption at 48 V DC		85 mA
Power output in Btu (IT) h		13.9
Service		
Diagnostics		LEDs (power, link status, data, data rate)
Ambient conditions		
Operating temperature		-40 °C ... 70 °C
Storage/transport temperature		-40 °C ... 85 °C
Relative humidity (non-condensing)		5 % ... 95 %
MTBF		45.8 years (MIL-HDBK-217F)
Mechanical construction		
Dimensions (W x H x D)		25 mm x 100 mm x 70 mm
Mounting		DIN Rail
Weight		198 g
Protection class		IP30
EMC interference immunity		
EN 61000-4-2 electrostatic discharge (ESD)		6 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, 4 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

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EN 55022	EN 55022 Class A
Approvals	
Safety of industrial control equipment	cUL 508 (pending)
EMV regulations for assembly in vehicles	Approval according to automotive directive 2005/83/EG (E13) in preparation
Employment in vehicles	E13 (pending)
Scope of delivery and accessories	
Scope of delivery	device, manual

For more information please contact:

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