



Main

Range of product	ConneXium
Product or component type	Ethernet TCP/IP managed switch
Concept	Transparent Ready
Communication port protocol	Ethernet TCP/IP SSH HTTP HTTPS SNMP MRP (Media Redundancy Protocol) RSTP SFTP SCP LLDP
Port Ethernet	10BASE-T/100BASE-TX - 3 copper cable 100BASE-FX - 1 fiber optic
Maximum number of switches in cascade	Unlimited
Cybersecurity	Port hardening Role-based access control

Complementary

Integrated connection type	Shielded RJ45 copper cable Duplex SC fiber optic
Transmission support medium	Twisted shielded pairs cable CAT 5E copper cable Single mode optical fiber fiber optic
Maximum cable distance between devices	328.08 ft (100 m) copper cable
Optic fiber length	20.19 mile (32.5 km) 9/125 µm
Attenuation	0...16 dB 9/125 µm)
Ethernet service	Multicast filtering Secure port Data stream control SMTP V3 VLAN IGMP Snooping Configuration via web server SNMP-Traps and SYSLOG Priority port
Communication service	Telnet TFTP Address conflict detection Port monitoring Port mirroring
Diagnostics run time	Signal contact Self test
Maximum number of switches in a ring	50
Redundancy	Ring coupling Redundant power supplies Redundant single ring HiPER ring
[Us] rated supply voltage	24 V
Supply voltage limits	9.6...60 V DC SELV 18...30 V AC SELV
Power consumption in W	6.5 W
Electrical connection	Removable connector 6 ways power supply
Mounting support	35 mm symmetrical DIN rail
Marking	CE

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Local signalling	P1 P2 power supplies 2 LEDs Fault 1 LED Ring manager 1 LED Stand-by 1 LED Copper port activity 1 LED per channel Copper port status 1 LED per channel
Alarm output	1 voltfree contact 1 A
Alarm function	Redundancy ring fault Power supply fault Switch fault Data link status
Ethernet cabling system	TF switches
MTBF reliability	529070.0 H
Maximum Width	1.85 in (47 mm)
Maximum Height	5.16 in (131 mm)
Maximum Depth	4.37 in (111 mm)
Net Weight	0.88 lb(US) (0.4 kg)

Environment

Ambient air temperature for operation	32...140 °F (0...60 °C)
Relative humidity	10...95 % without condensation
IP degree of protection	IP20
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility 2012/19/EU - WEEE directive
Standards	UL 508 CSA C22.2 No 214 UL 1604 Class 1 Division 2 CSA C22.2 No 213 Class I Division 2 EN/IEC 61131-2
Product certifications	C-tick GL

Ordering and shipping details

Category	18225 - PLC NTRK HRDWR & PROWORX SOFTWARE
Discount Schedule	PC41
GTIN	03595863892451
Nbr. of units in pkg.	1
Package weight(Lbs)	2.21 lb(US) (1.00 kg)
Returnability	No
Country of origin	DE

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	2.56 in (6.5 cm)
Package 1 width	6.50 in (16.5 cm)
Package 1 Length	9.45 in (24 cm)

Offer Sustainability

EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Contractual warranty

Warranty	18 months
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Dimensions

