Product data sheet
Characteristics

TCSESB083F2CU0
Ethernet TCP/IP basic managed switch - ConneXium - 6TX/2FX - multimode

Main

Range of product	ConneXium
Product or component type	Ethernet TCP/IP managed switch
Concept	Transparent Ready
Communication port protocol	Ethernet TCP/IP
Port Ethernet	100BASE-FX - 2 port(s) fiber optic 10BASE-T/100BASE-TX - 6 port(s) copper cable
Maximum number of switches in cascade	Unlimited

Complementary

Integrated connection type	Duplex SC fiber optic Shielded RJ45 copper cable
Transmission support medium	Twisted shielded pairs cable CAT 5E for fiber optic Multimode optical fiber for copper cable
Maximum cable distance between devices	100 m copper cable
Attenuation	11 DB (62.2/125 µm) 8 dB (50/125 µm)
Ethernet service	Secure port Multicast filtering Rapid Scanning Tree Protocol (RSTP) FDR SMTP V3 Configuration via web server Priority port IGMP Snooping SNTP client Data stream control
Maximum number of switches in a ring	50
Redundancy	Redundant power supplies Redundant single ring Ring coupling
Supply voltage limits	9.6…32 V DC SELV
Power consumption in W	8 W
Electrical connection	Removable connector 6 ways power supply
Mounting support	35 mm symmetrical DIN rail
Marking	CE
Local signalling	2 LEDsP1 P2 power supplies: 1 LEDfault: 1 LEDring manager: 1 LEDstand-by: 1 LED per channelcopper port activity: 1 LED per channelcopper port status:
Alarm output	1 voltfree contact 1 A
Alarm function	Power supply fault Switch fault Data link status
Ethernet cabling system	TF switches
Width	74 mm
Height	131 mm
Depth	111 mm
Product weight	0.41 kg

Environment

Ambient air temperature for operation	0…60 °C
Relative humidity	0…95 % without condensation
IP degree of protection	IP20
Standards	UL 508 CSA C22.2 No 214 CSA C22.2 No 213 Class I Division 2 EN/IEC 61131-2 UL 1604 Class 1 Division 2

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
Circularity Profile	End Of Life Information
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

Dimensions