

Product Datasheet

Characteristic

TCSESM163F2CS0

Ethernet TCP/IP managed switch -
ConneXium - 14TX/2FX – single mode



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 - 14 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	single mode optical fiber copper cable twisted shielded pairs cable CAT 5E fiber optic
cable length	328.08 ft (100 m) copper cable
optic fiber length	9/125 µm
attenuation	16 dB 9/125 µm
Ethernet service	configuration via web server data stream control FDR IGMP Snooping multicast filtering priority port Rapid Spanning Tree Protocol (RSTP) secure port SMTP V3 SNTP client VLAN
maximum number of switches in a ring	50
redundancy	redundant power supplies redundant single ring ring coupling
[Us] rated supply voltage	24 V
supply voltage limits	9.6...60 V DC SELV 18...30 V AC SELV
power consumption	11.8 W
electrical connection	removable connector 6 ways power supply
mounting support	35 mm symmetrical DIN rail
marking	CE

local signalling	2 LEDs P1 P2 power supplies 1 LED fault 1 LED ring manager 1 LED stand-by 1 LED per channel copper port activity 1 LED per channel copper port status
alarm output	1 voltfree contact <= 1 A
alarm function	power supply fault switch fault data link status redundancy ring fault
Ethernet cabling system	TF switches
width	4.37 in (111 mm)
height	5.16 in (131 mm)
depth	4.37 in (111 mm)
product weight	1.32 lb(US) (0.6 kg)

Environment

ambient air temperature for operation	32...140 °F (0...60 °C)
relative humidity	> 0...95 % without condensation
IP degree of protection	IP20
standards	EN/IEC 61131-2 UL 1604 Class 1 Division 2 UL 508 CSA C22.2 No 213 Class I Division 2 CSA C22.2 No 214
product certifications	C-Tick GL

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 1050 - Schneider Electric declaration of conformity

Contractual warranty

Warranty period	18 months
-----------------	-----------