

Product Datasheet

Characteristic

140NRP31201

Ethernet fibre converter SM/LC 2CH - 100 MB



Main

range of product	Modicon Quantum automation platform
product or component type	fibre converter
optic fiber type	single mode

Complementary

bus current requirement	1000 mA
power dissipation in W	5 W
inrush current	1 Aat 5 V DC
number of port	2 fiber optic, connector type: LC 2 Ethernet, connector type: RJ45
local signalling	1 LED green module status with RDY marking 1 LED red internal fault, module failure with ERR marking 1 LED green channel 1 link status with STS1 marking 1 LED green channel 1 communication status with FX1 ACT marking 1 LED green channel 2 link status with STS2 marking 1 LED green channel 2 communication status with FX2 ACT marking
wavelength	5.1575E-05 in (1310 nm)
optic distance between 2 transceivers	15000 m (9/125 µm), optical power : -15...-8 dBm
attenuation	-15...-8 dB (9/125 µm)
rise/fall time	2.5 ns
receiver sensitivity	- 28 dBm
detected silence	-45 dBm
marking	CE
material	PC (polycarbonate)
width	1.59 in (40.34 mm)
height	9.84 in (250 mm)
depth	4.09 in (103.85 mm)
product weight	1.22 lb(US) (0.554 kg)

Environment

ambient air temperature for operation	32...140 °F (0...60 °C)
ambient air temperature for storage	-40...185 °F (-40...85 °C)

relative humidity	<= 95 %
operating altitude	0...6561.68 ft (0...2000 m)
standards	CSA C22.2 No 142 FM class 1, division 2 UL 508
product certifications	C-Tick TÜV Merchant Navy

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1623 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available