

Product datasheet

Specifications



Ethernet fibre converter MM/LC 2CH - 100 MB - coated

140NRP31200C

- ❗ Discontinued on: 31 December 2021
- ❗ To be end-of-service on: 31 December 2029

❗ Discontinued

Main

Range of product	Modicon Quantum automation platform
Product or component type	Fibre converter
Optic fiber type	Multi mode

Complementary

Bus current requirement	1000 mA
Power dissipation in W	5 W
Inrush current	1 A at 5 V DC
Number of port	2 fiber optic, connector type: LC 2 ETHERNET, connector type: RJ45
Local signalling	1 LED green with RDY marking for module status 1 LED red with ERR marking for internal fault, module failure 1 LED green with STS1 marking for channel 1 link status 1 LED green with FX1 ACT marking for channel 1 communication status 1 LED green with STS2 marking for channel 2 link status 1 LED green with FX2 ACT marking for channel 2 communication status
Wavelength	1310 nm
Optic distance between 2 transceivers	2000 m (50/125 µm), optical power: -23.5...-14 dBm 3000 m (62.5/125 µm), optical power: -20...-14 dBm
Attenuation	-23.5...-14 dB (50/125 µm) -20...-14 dB (62.5/125 µm)
Rise/Fall time	3 ns
Receiver sensitivity	- 30 dBm
Detected silence	-45 dBm
Marking	CE
Material	PC (polycarbonate)
Width	40.34 mm
Height	250 mm
Depth	103.85 mm
Net weight	0.554 kg

Environment

Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-40...85 °C
Relative humidity	0...95 %
Operating altitude	0...2000 m
Standards	CSA C22.2 No 142 UL 508 FM Class 1 Division 2
Product certifications	TÜV C-Tick Merchant Navy

Packing Units

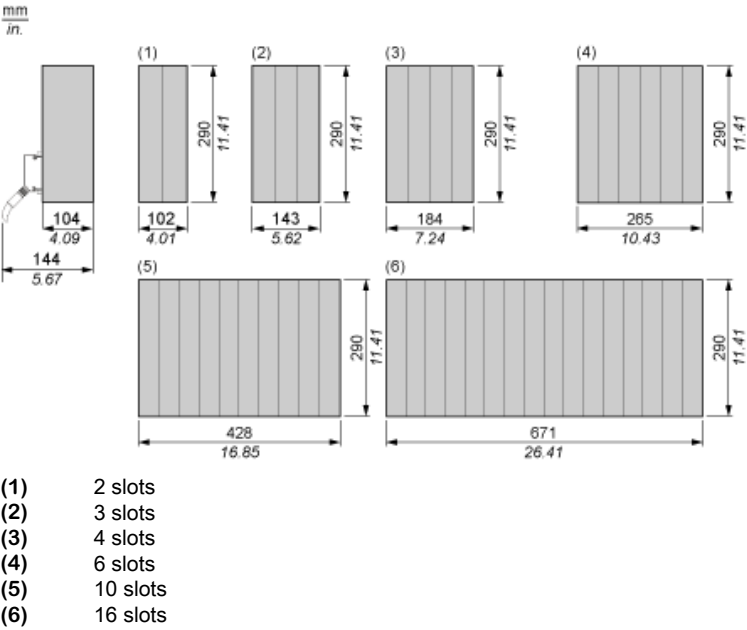
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	16.3 cm
Package 1 Width	4.5 cm
Package 1 Length	31.2 cm
Package 1 Weight	614.0 g
Unit Type of Package 2	S02
Number of Units in Package 2	2
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	1.47 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes
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

Racks for Modules Mounting

Dimensions of Modules and Racks



Recommended replacement(s)

140NRP31200C is replaced by:

1x

fiber converter MM/LC 2CH 100Mb - severe

BMXNRP0200C