

Product data sheet

Specifications



Ethernet fibre converter MM/LC 2CH - 100 MB

140NRP31200

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 %

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Operating Altitude	0...2000 m
Standards	CSA C22.2 No 142 FM Class 1 Division 2 UL 508
Product Certifications	C-Tick TÜV 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	584.5 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	7
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	4.592 kg
Unit Type Of Package 3	P12
Number Of Units In Package 3	168
Package 3 Height	80 cm
Package 3 Width	120 cm
Package 3 Length	105 cm
Package 3 Weight	119.208 kg

Sustainability

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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product's sustainability >](#)



RoHS/REACH

Well-being performance

✓ Reach Free Of Svhc

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Certifications & Standards

Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information
California Proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Dimensions Drawings

Racks for Modules Mounting

Dimensions of Modules and Racks



- (1) 2 slots
- (2) 3 slots
- (3) 4 slots
- (4) 6 slots
- (5) 10 slots
- (6) 16 slots