

Product data sheet

Specifications



Coated Fibre optic repeater MM/ST RIO S908 2CH

140NRP95400C

⚠ Discontinued on: Feb 17, 2021

⚠ To be end-of-service on: Dec 31, 2029

⚠ Discontinued

Main

Range Of Product	Modicon Quantum automation platform
Product Or Component Type	Fibre optic repeater
Optic Fiber Type	Multi mode

Complementary

Bus Current Requirement	700 mA
Power Dissipation In W	5 W
Inrush Current	1 A 5 V DC
Number Of Port	2 fiber optic ST 1 coaxial connector
Local Signalling	1 LED green RDY module status 1 LED red ERR internal fault, module failure 1 LED green coaxial communication status 2 LEDs green optical communication status 1 LED red FAULT error 1 LED red activity detected
Wavelength	0.000032284 in (820 nm)
Optic Distance Between 2 Transceivers	6561.68 ft (2000 m) 50/125 µm)3.5 dBm 9842.52 ft (3000 m) 62.5/125 µm)3.5 dBm 9842.52 ft (3000 m) 100/140 µm)5 dBm
Attenuation	-20...-13 dB 50/125 µm) -16...-10 dB 62.5/125 µm) -10.5...-4 dB 100/140 µm)
Rise/Fall Time	20 ns
Receiver Sensitivity	- 30 dBm
Dynamic Range	20 dB
Detected Silence	-36 dBm
Marking	CE
Material	PC (polycarbonate)
Awg Gauge	AWG 14...AWG 1
Width	1.59 in (40.34 mm)
Height	9.84 in (250 mm)
Depth	4.09 in (103.85 mm)
Net Weight	1.22 lb(US) (0.554 kg)

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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	0...95 %
Operating Altitude	0...6561.68 ft (0...2000 m)
Standards	UL 508 CSA C22.2 No 142 FM Class 1 Division 2
Product Certifications	TÜV Merchant Navy

Ordering and shipping details

Category	18155-QUANTUM I/O & POWER SUPPLIES
Discount Schedule	PC21
Gtin	3595864122083
Returnability	No
Country Of Origin	FR

Packing Units

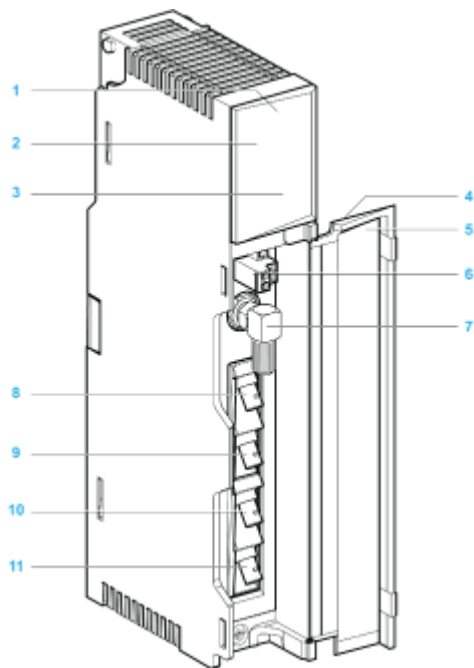
Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	1.97 in (5.0 cm)
Package 1 Width	6.50 in (16.5 cm)
Package 1 Length	12.40 in (31.5 cm)
Package 1 Weight	21.66 oz (614.0 g)
Unit Type Of Package 2	S02
Number Of Units In Package 2	2
Package 2 Height	5.91 in (15.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	3.48 lb(US) (1.578 kg)

Contractual warranty

Warranty	18 months
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Presentation

Presentation

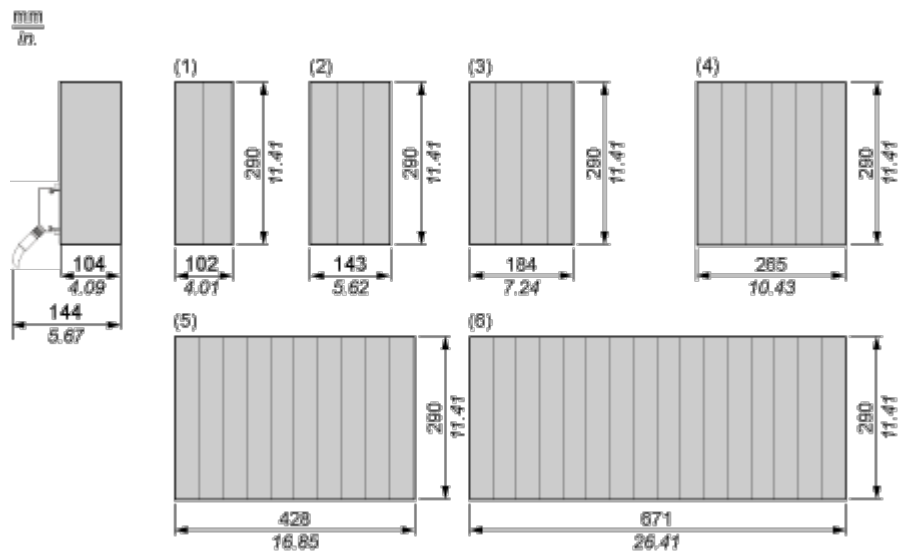


- 1 Version label
- 2 Model number, module description, color code
- 3 LED area
- 4 Removable door
- 5 Customer identification label (Fold label and place it inside door)
- 6 Diagnostic relay port
- 7 Electrical coaxial port ("F" type connector)
- 8 Transmitter optical fiber port - FPort 1 Tx (ST type connector)
- 9 Receiver optical fiber port - FPort 1 Rx (ST type connector)
- 10 Receiver optical fiber port - FPort 2 Rx (ST type connector)
- 11 Transmitter optical fiber port - FPort 2 Tx (ST type connector)

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