

Product data sheet

Specifications



Coated Fibre optic repeater SM/LC RIO S908 2CH

140NRP95401C

⚠ Discontinued on: Feb 17, 2021

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

⚠ Discontinued

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range of Product	Modicon Quantum automation platform
Product or Component Type	Fibre optic repeater
Optic fiber type	Single mode

Complementary

Bus current requirement	750 mA
Power dissipation in W	5 W
Inrush current	1.8 A at 5 V DC
Number of Port	2 fiber optic LC 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	0.000051181 in (1300 nm)
Optic distance between 2 transceivers	52493.4 ft (16000 m) 9/125 µm)0.45 dBm
Attenuation	-15...-8 dB 9/125 µm)
Rise/fall time	20 ns
Receiver Sensitivity	- 25 dBm
Dynamic range	20 dB
Detected silence	-45 dBm
Marking	CE
Material	PC (polycarbonate)
AWG Gauge	AWG 14...AWG 1
Width	1.59 in (40.34 mm)
Height	9.8 in (250 mm)
Depth	4.09 in (103.85 mm)
Net Weight	1.221 lb(US) (0.554 kg)

Environment

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

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

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	FM Class 1 Division 2 CSA C22.2 No 142 UL 508
Product Certifications	Merchant Navy

Ordering and shipping details

Category	US1PC2118155
Discount Schedule	PC21
GTIN	3595864144764
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.8 in (4.5 cm)
Package 1 Width	6.5 in (16.5 cm)
Package 1 Length	12.4 in (31.5 cm)
Package weight(Lbs)	22.01 oz (624.0 g)

Contractual warranty

Warranty	18 months
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

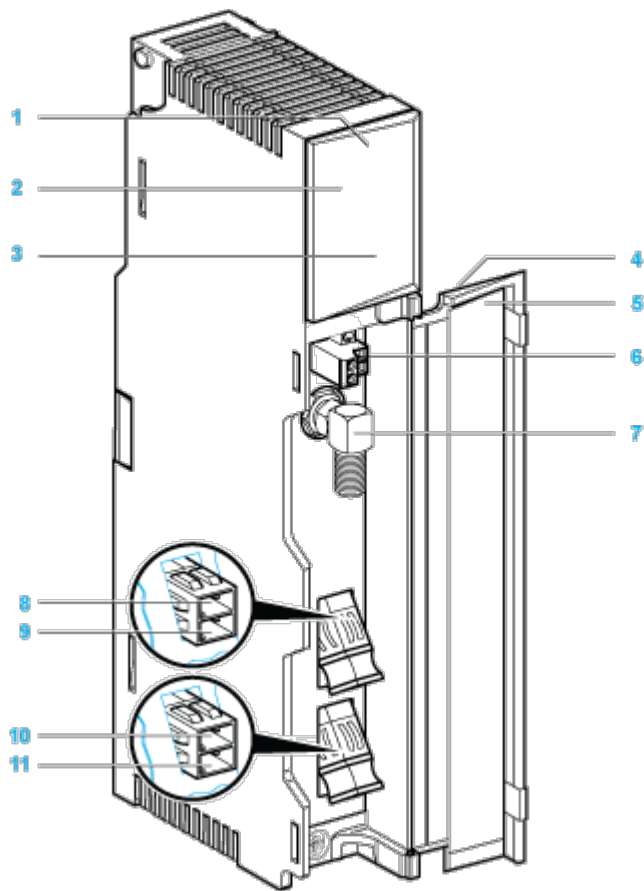
[How we assess product sustainability >](#)

Use Better

 Materials and Substances	
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
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

Presentation

Presentation

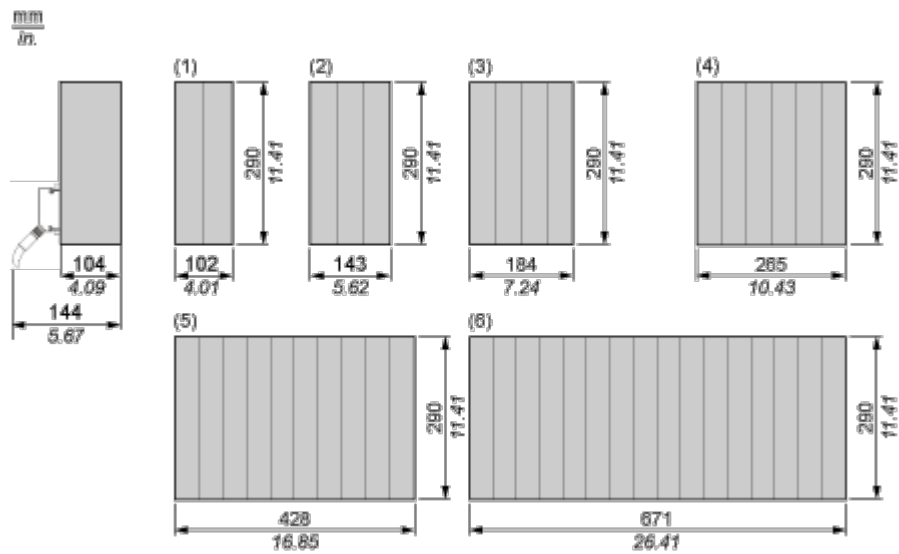


- 1 Version label
- 2 Model number, module description, color code
- 3 LED area
- 4 Removable door
- 5 Customer identification label (Fold label and place it inside door)
- 6 Diagnostic relay port
- 7 Electrical coaxial port ("F" type connector)
- 8 Receiver optical fiber port - FPort 1 Rx (LC type connector)
- 9 Transmitter optical fiber port - FPort 1 Tx (LC type connector)
- 10 Receiver optical fiber port - FPort 2 Rx (LC type connector)
- 11 Transmitter optical fiber port - FPort2 Tx (LC 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