

Product datasheet

Specifications



Fibre optic repeater MM/ST RIO S908 2CH

140NRP95400

⚠ Discontinued on: 31 Dec 2022

⚠ To be end-of-service on: 31 Dec 2030

⚠ To be discontinued

Price: 75,537.06 ZAR

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 at 5 V DC
Number Of Port	2 fiber optic, connector type: ST 1, connector type: coaxial connector
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 for coaxial communication status 2 LEDs green for optical communication status 1 LED red with FAULT marking for error 1 LED red for activity detected
Wavelength	820 nm
Optic Distance Between 2 Transceivers	2000 m (50/125 µm), optical power: 3.5 dBm 3000 m (62.5/125 µm), optical power: 3.5 dBm 3000 m (100/140 µm), optical power: 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	40.34 mm
Height	250 mm
Depth	103.85 mm
Net Weight	0.554 kg

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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

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

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	4.900 cm
Package 1 Width	16.400 cm
Package 1 Length	31.500 cm
Package 1 Weight	596.000 g

Contractual warranty

Warranty	18 months
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Sustainability

Green Premium™ label is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

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

- [Learn more about Green Premium >](#)
- [Guide to assess a product’s sustainability >](#)



RoHS/REACH

Well-being performance

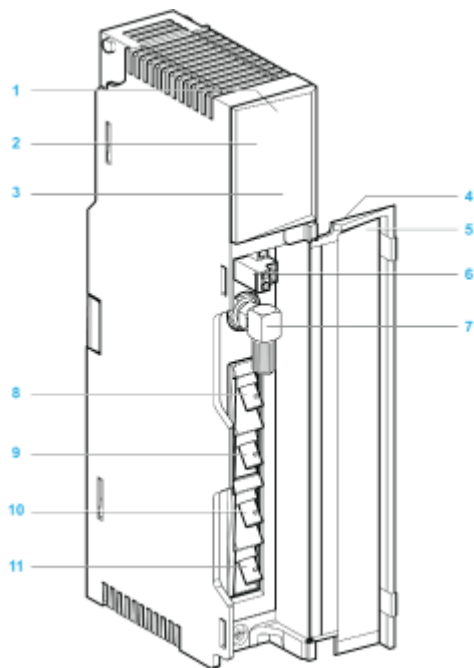
✓	Reach Free Of Svhc	
✓	Mercury Free	
✓	Rohs Exemption Information	Yes

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

Presentation

Presentation

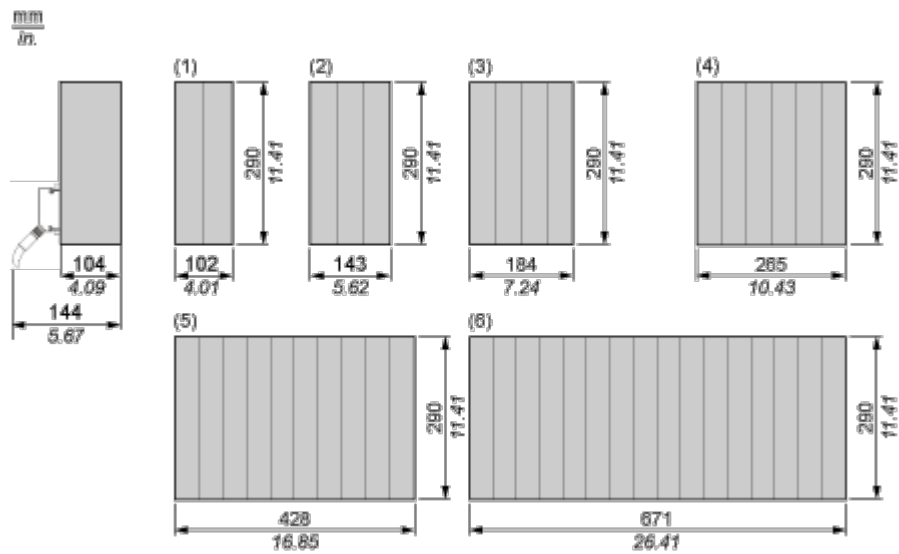


- 1 Version label
- 2 Model number, module description, color code
- 3 LED area
- 4 Removable door
- 5 Customer identification label (Fold label and place it inside door)
- 6 Diagnostic relay port
- 7 Electrical coaxial port ("F" type connector)
- 8 Transmitter optical fiber port - FPort 1 Tx (ST type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