



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 for coaxial communication status 2 LEDs green for optical communication status 1 LED red for activity detected 1 LED green for module status with RDY marking 1 LED red for internal fault, module failure with ERR marking 1 LED red for error with FAULT marking
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

140NRP95400C

Width	40.34 mm
Height	250 mm
Depth	103.85 mm
Product 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 FM Class 1 Division 2 UL 508
Product certifications	Merchant Navy TÜV

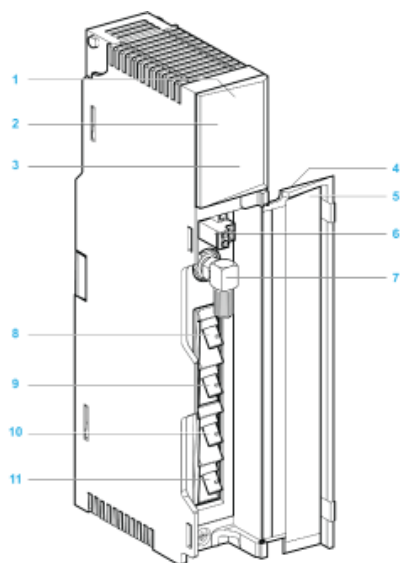
Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1111 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available

Contractual warranty

Warranty period	18 months
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Presentation

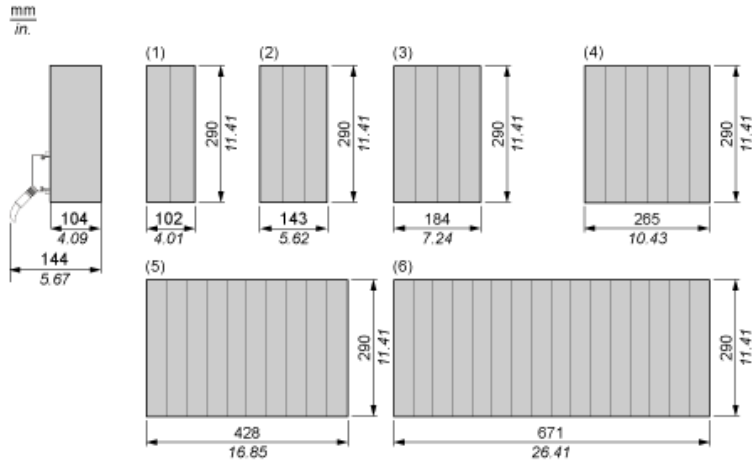


- 1 Version label
- 2 Model number, module description, color code
- 3 LED area
- 4 Removable door
- 5 Customer identification label (Fold label and place it inside door)
- 6 Diagnostic relay port
- 7 Electrical coaxial port ("F" type connector)
- 8 Transmitter optical fiber port - FPort 1 Tx (ST type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

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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