

Product availability: Stock - Normally stocked in distribution facility



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 coaxial communication status 2 LEDs green optical communication status 1 LED red activity detected 1 LED green module status with RDY marking 1 LED red internal fault, module failure with ERR marking 1 LED red error with FAULT marking
Wavelength	3.2283E-05 in (820 nm)
Optic distance between 2 transceivers	6561.68 ft (2000 m) (50/125 µm), optical power : 3.5 dBm 9842.52 ft (3000 m) (62.5/125 µm), optical power : 3.5 dBm 9842.52 ft (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	1.59 in (40.34 mm)
Height	9.84 in (250 mm)
Depth	4.09 in (103.85 mm)
Product weight	1.22 lb(US) (0.554 kg)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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 FM Class 1 Division 2 CSA C22.2 No 142
Product certifications	TÜV

Ordering and shipping details

Category	18155 - QUANTUM I/O & POWER SUPPLIES
Discount Schedule	PC21
GTIN	00785901358206
Nbr. of units in pkg.	1
Package weight(Lbs)	1.3100000000000001
Returnability	Y
Country of origin	FR

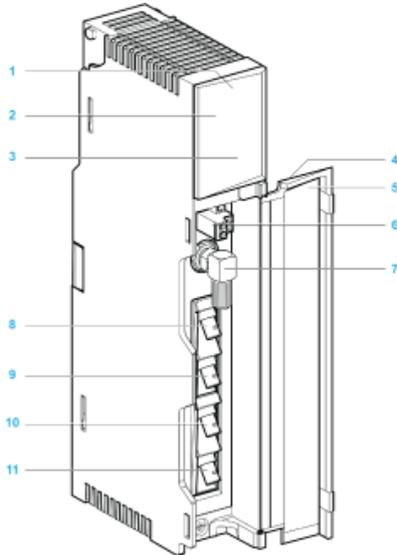
Offer Sustainability

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
Product environmental profile	Available
Product end of life instructions	Available
California proposition 65	WARNING: This product can expose you to chemicals including:
- - - - - Substance 1	Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.
- - - - - More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months
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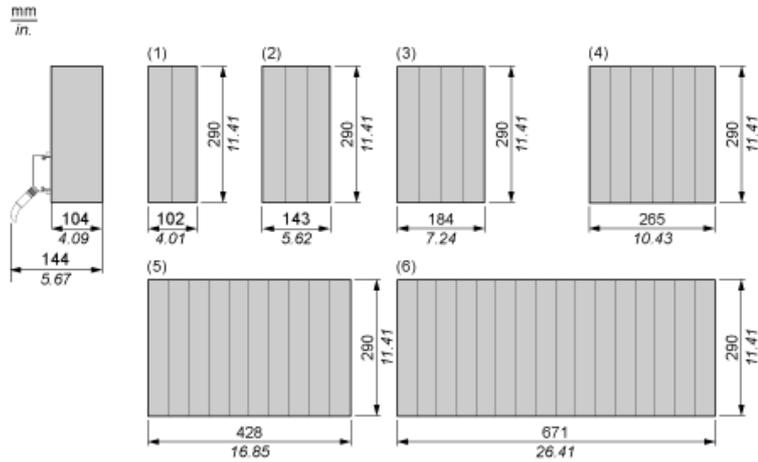
Presentation



- 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)

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