



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
Maximum 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)

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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	03595864122083
Nbr. of units in pkg.	1
Package weight(Lbs)	2.21 lb(US) (1.00 kg)
Returnability	No
Country of origin	FR

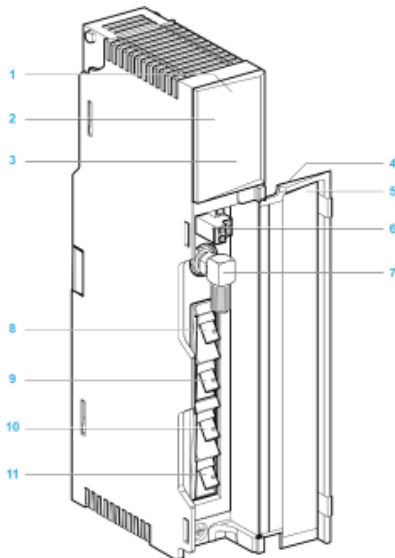
Packing Units

Package 1 Height	1.97 in (50.000 mm)
Package 1 width	6.50 in (165.000 mm)
Package 1 Length	12.40 in (315.000 mm)

Contractual warranty

Warranty	18 months
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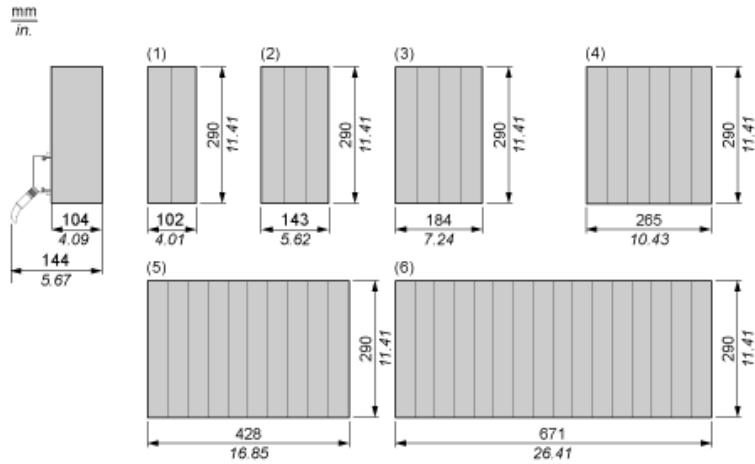
Presentation



- 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