



### Main

Range of product	Modicon Quantum automation platform
Product or component type	DIO head-end adaptor

### Complementary

Number of port	1 Modbus Plus fiber optic single copper 1 Modbus RS232 twisted pair
Transmission rate	1 Mbit/s
Electrical connection	1 connector RJ45 2 connectors TX/RX
I/O words	30 I/32 O
Checks	RAM Checksum Processor RAM address
Power dissipation in W	4 W
Minimum pulse width distortion/jitter	5 ns
Wavelength	0.000032284 in (820 nm)
Power loss budget	11 DB 62.5/125 µm 16.5 DB 100/140 µm 6.5 dB 50/125 µm
Optical transmission	-16...-9 DBm 100/140 µm -19.8...-12.8 DBm 50/125 µm -3.5...110.5 dBm 62.5/125 µm
Rise/fall time	20 ns
Dynamic range	20 dB
Detected silence	-36 dBm
Sensitivity scale	> 30 dBm
Bus current requirement	750 mA

### Environment

Resistance to electrostatic discharge	4 KV contact IEC 801-2 8 kV on air IEC 801-2
Resistance to electromagnetic fields	9.14 V/m (10 V/m) 80...2000 MHz IEC 801-3
Ambient air temperature for operation	32...140 °F (0...60 °C)
Ambient air temperature for storage	-40...185 °F (-40...85 °C)
Relative humidity	95 % without condensation
Operating altitude	<= 16404.2 ft (5000 m)
Protective treatment	Conformal coating Humiseal 1A33

Standards	UL 508
Product certifications	RINA RMRS DNV GOST GL CSA Class 1 Division 2 C-tick

### Ordering and shipping details

Category	18150 - QUANTUM CONTROLLERS,HSBY,COMM.
Discount Schedule	PC21
GTIN	00785901459088
Nbr. of units in pkg.	1
Package weight(Lbs)	2.21 lb(US) (1.00 kg)
Returnability	No
Country of origin	FR

### Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.97 in (5 cm)
Package 1 width	6.50 in (16.5 cm)
Package 1 Length	12.40 in (31.5 cm)
Unit Type of Package 2	S03
Number of Units in Package 2	7
Package 2 Weight	7.89 lb(US) (3.577 kg)
Package 2 Height	11.81 in (30 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)

### Offer Sustainability

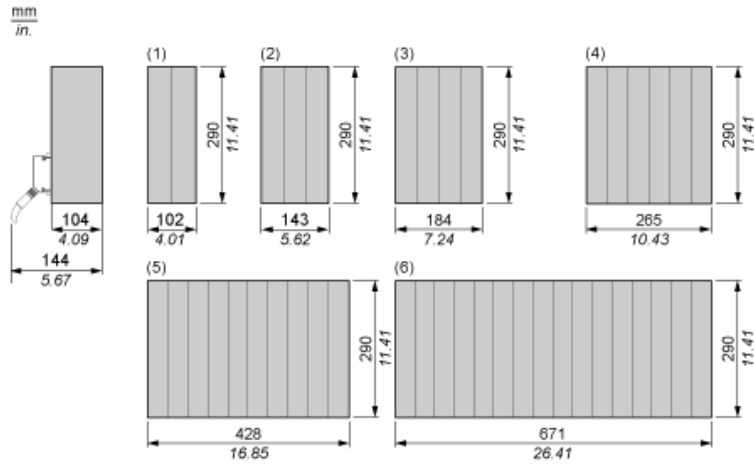
Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

### Contractual warranty

Warranty	18 months
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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