



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	Processor RAM address RAM Checksum
Power dissipation in W	4 W
Pulse width distortion/jitter	≥ 5 ns
Wavelength	820 nm
Power loss budget	11 dB 62.5/125 μ m 16.5 dB 100/140 μ m 6.5 dB 50/125 μ m
Optical transmission	-16...-9 dBm 100/140 μ m -19.8...-12.8 dBm 50/125 μ m -3.5...110.5 dBm 62.5/125 μ m
Rise/Fall time	20 ns
Dynamic range	20 dB
Detected silence	-36 dBm
Sensitivity scale	> 30 dBm
Bus current requirement	750 mA

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Environment

Resistance to electrostatic discharge	4 kV contact conforming to IEC 801-2 8 kV on air conforming to IEC 801-2
Resistance to electromagnetic fields	10 V/m 80...2000 MHz conforming to IEC 801-3
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-40...85 °C
Relative humidity	95 % without condensation
Operating altitude	<= 5000 m
Protective treatment	Conformal coating Humiseal 1A33
Standards	UL 508
Product certifications	GL CSA Class 1 Division 2 C-Tick RMRS GOST DNV RINA

Offer Sustainability

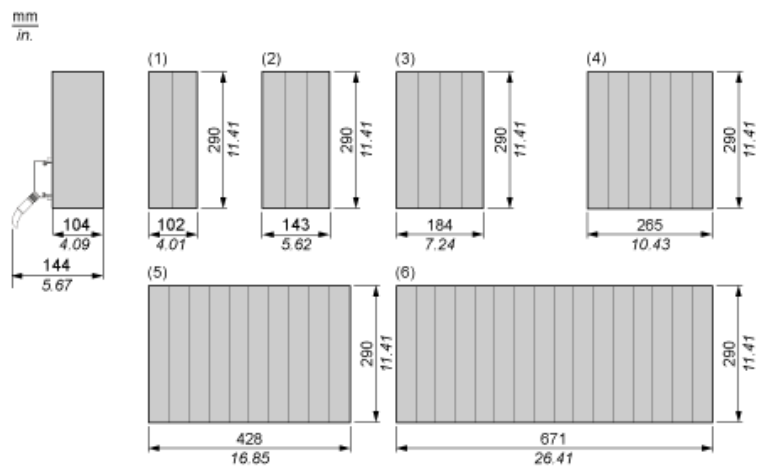
Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0901 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available End of life manual
Product end of life instructions	Available

Contractual warranty

Warranty period	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

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