



Main

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

Complementary

Number of port	1 Modbus RS232 twisted pair 1 Modbus Plus fiber optic single copper
Transmission rate	1 Mbit/s
Electrical connection	2 connectors TX/RX 1 connector RJ45
I/O words	30 I/32 O
Checks	Checksum Processor RAM RAM address
Power dissipation in W	4 W
Pulse width distortion/jitter	>= 5 ns
Wavelength	820 nm
Power loss budget	6.5 dB 50/125 µm 16.5 dB 100/140 µm 11 dB 62.5/125 µm
Optical transmission	-3.5...110.5 dBm 62.5/125 µm -19.8...-12.8 dBm 50/125 µm -16...-9 dBm 100/140 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	8 kV on air conforming to IEC 801-2 4 kV contact 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	CSA Class 1 Division 2 C-Tick DNV GL GOST RINA RMRS

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0901 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available Download Product Environmental
Product end of life instructions	Need no specific recycling operations

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