



## Main

Range of product	Modicon Quantum automation platform
Product or component type	Relay discrete output module
Discrete output number	16

## Complementary

Contacts type and composition	1 NO
Contact form	Form A
Discrete output voltage	20...250 V AC 30...150 V DC 5...30 V DC
Addressing requirement	1 output word
Minimum load	>= 50 mA 20...250 V AC >= 50 mA 5...30 V DC
Maximum load current	1 A 250/30 V AC/DC 1/8 hp cos phi = 0.4 1 A 250/30 V AC/DC tungsten 2 A 250/30 V AC/DC resistive at 60 °C 300 mA 30...50 V DC resistive
Surge current	<= 10 A for 10 ms capacitive
Switching capacity in VA	500 VA resistive
Response time on input opening	<= 10 ms at state 0 to state 1 <= 20 ms at state 1 to state 0
Mechanical durability	10000000 cycles
Electrical durability	100000 cycles 100 mA 30...150 V DC L/R = 10 ms 100000 cycles 2 A 30 V DC resistive 100000 cycles 30...150 V DC interposing relay 100000 cycles 300 mA 30...150 V DC resistive 200000 cycles 2 A 250 V AC resistive 50000 cycles 500 mA 30...150 V DC resistive
Output overvoltage protection	Internal by varistor, 275 V
Isolation between channels	1780 Vrms AC for 1 minute
Isolation between channels and bus	1780 Vrms AC for 1 minute 2500 V DC for 1 minute
Power dissipation	5.5 W + (0.5 x the number of points on)
Marking	CE
Local signalling	1 LED green bus communication is present (Active) 1 LED red external fault detected (F) 16 LEDs green input status
Bus current requirement	1100 mA
Module format	Standard
Product weight	0.41 kg

## Environment

Product certifications	ABS C-Tick FM Class 1 Division 2 GOST
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Standards	CSA C22.2 No 142 UL 508
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

### Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 1001 - Schneider Electric declaration of conformity
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations