



Price\* : 404.00 GBP



### Main

Range of product	Modicon Quantum automation platform
Product or component type	Relay discrete output module
Discrete output number	8

### Complementary

Contacts type and composition	1 NO/NC
Contact form	Form C
Discrete output voltage	20...250 V AC 30...150 V DC 5...30 V DC
Addressing requirement	0.5 output word
Maximum load current	100 mA 30...50 V DC L/R = 10 ms 2 A 250/30 V AC/DC tungsten 1/4 hp cos phi = 0.4 3 A 250/30 V AC/DC 300 mA 30...50 V DC resistive 5 A 250/30 V AC/DC resistive at 60 °C
Surge current	20 A for 10 ms capacitive
Switching frequency	30 Hz resistive load F = 0.5/l²L inductive load
Switching capacity in VA	1250 VA resistive
Maximum response time on input open	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 30...150 V DC interposing relay 100000 cycles 300 mA 30...150 V DC resistive 100000 cycles 5 A 30 V DC resistive 200000 cycles 5 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

	2500 V DC
Isolation between channels and bus	1780 Vrms AC for 1 minute 2500 V DC for 1 minute
Power dissipation	2.75 W + (0.5 x the number of points on)
Marking	CE
Local signalling	Bus communication is present (Active): 1 LED (green) External fault detected (F): 1 LED (red) Input status: 8 LEDs (green)
Bus current requirement	560 mA
Module format	Standard
Net weight	0.3 kg

## Environment

Product certifications	C-Tick GOST GL RMRS FM Class 1 Division 2 ABS DNV RINA
Standards	UL 508 CSA C22.2 No 142
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
REACH Regulation	<a href="#">REACH Declaration</a>
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="#">Download RoHS China 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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