



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	5...30 V DC 30...150 V DC 20...250 V AC
Addressing requirement	0.5 output word
Maximum load current	5 A 250/30 V AC/DC resistive at 60 °C 300 mA 30...50 V DC resistive 3 A 250/30 V AC/DC 2 A 250/30 V AC/DC tungsten 1/4 hp cos phi = 0.4 100 mA 30...50 V DC L/R = 10 ms
Surge current	<= 20 A for 10 ms capacitive
Switching frequency	F = 0.5/1 ² L inductive 30 Hz resistive
Switching capacity in VA	1250 VA resistive
Response time on input opening	<= 20 ms at state 1 to state 0 <= 10 ms at state 0 to state 1
Mechanical durability	10000000 cycles
Electrical durability	50000 cycles 500 mA 30...150 V DC resistive 200000 cycles 5 A 250 V AC resistive 100000 cycles 5 A 30 V DC resistive 100000 cycles 300 mA 30...150 V DC resistive 100000 cycles 30...150 V DC interposing relay 100000 cycles 100 mA 30...150 V DC L/R = 10 ms
Output overvoltage protection	Internal by varistor, 275 V
Isolation between channels	2500 V DC 1780 Vrms AC for 1 minute
Isolation between channels and bus	2500 V DC for 1 minute 1780 Vrms AC for 1 minute
Power dissipation	2.75 W + (0.5 x the number of points on)
Marking	CE
Local signalling	8 LEDs green input status 1 LED red external fault detected (F) 1 LED green bus communication is present (Active)
Bus current requirement	560 mA
Module format	Standard
Product weight	0.3 kg

Environment

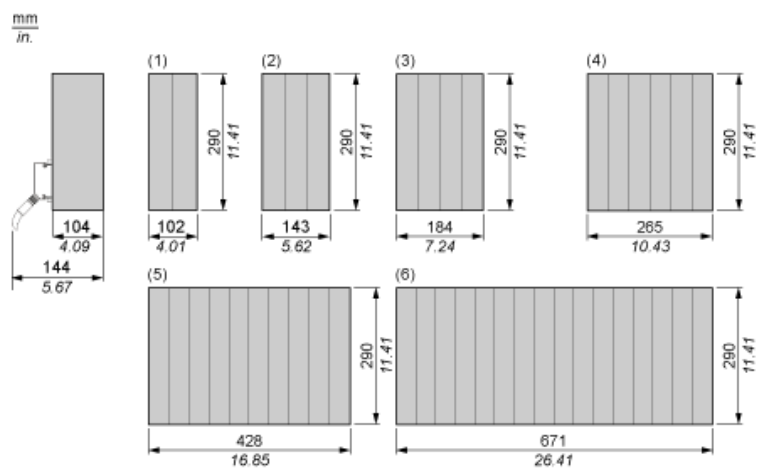
Product certifications	ABS C-Tick DNV FM Class 1 Division 2 GL GOST RINA RMRS
Standards	CSA C22.2 No 142 UL 508
Resistance to electrostatic discharge	8 kV on air conforming to IEC 801-2 4 kV contact conforming to IEC 801-2
Resistance to electromagnetic fields	10 V/m 80...2000 MHz conforming to IEC 801-3
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

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

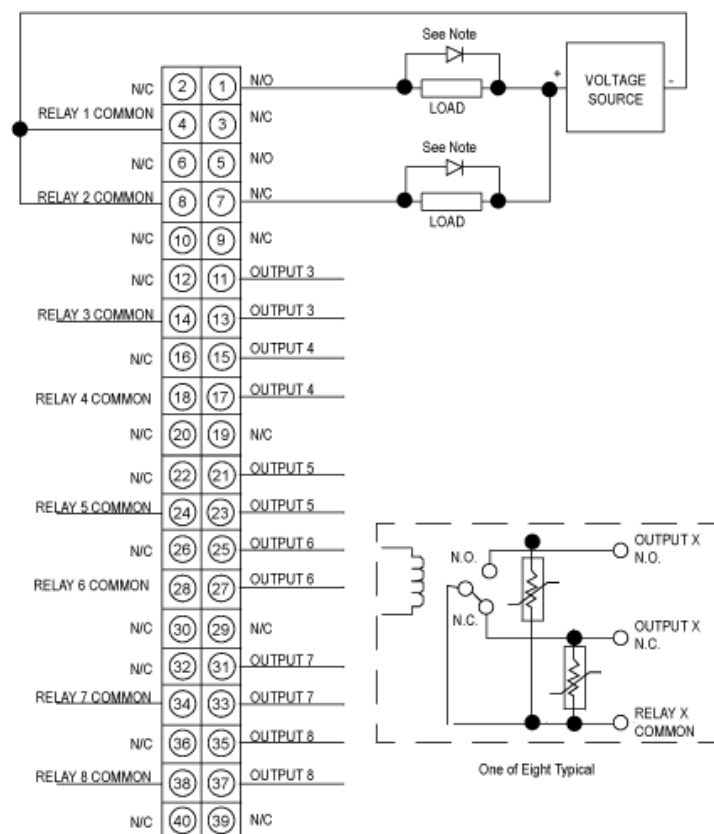
Dimensions of Modules and Racks



- (1) 2 slots
- (2) 3 slots
- (3) 4 slots
- (4) 6 slots
- (5) 10 slots
- (6) 16 slots

Relay Output Normally Open/Normally Closed Module

Wiring Diagram



N/C Not Connected
N.O. Normally Open
N.C. Normally Closed