



Main

Range of product	Modicon Quantum automation platform
Product or component type	Safety dc discrete output module

Complementary

Discrete output number	16
Group of channels	1
Discrete output logic	Positive logic (source)
Addressing requirement	4 output words 7 input words
Discrete output voltage	19.2...30 V DC
Absolute maximum output	34 V
Voltage drop	<= 0.3 V 0.5 A
Sensor power supply	19.2...30 V
Maximum load current	<= 0.65 A each point <= 10.04 A each group
Surge current	2 A for 10 ms
Response time	<= 20 ms at state 0 to state 1 <= 20 ms at state 1 to state 0
Leakage current	0.5 mA 30 V
Protection type	With
Load inductance	Inductance(H) = 0.5/((current(A)) ² x (switching frequency(Hz))) 0.5 8 Hz
Fault indication	Channel fault Overload Power supply fault System fault
Associated fuse rating	10 A
Isolation between channels and bus	1500 Vrms for 1 minute
Isolation between group and bus	1500 Vrms for 1 minute
Power dissipation	1.9 W + 0.65 I ²
Marking	CE
Local signalling	1 LED green bus communication is present (Active) 1 LED red external fault detected (F) 16 LEDs green output status 16 LEDs red system failure, diagnostic of internal channel fault
Bus current requirement	350 mA

Environment

product certifications	CSA CSA HazLoc C-Tick TÜV Rheinland (SIL2) UL
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The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Offer Sustainability

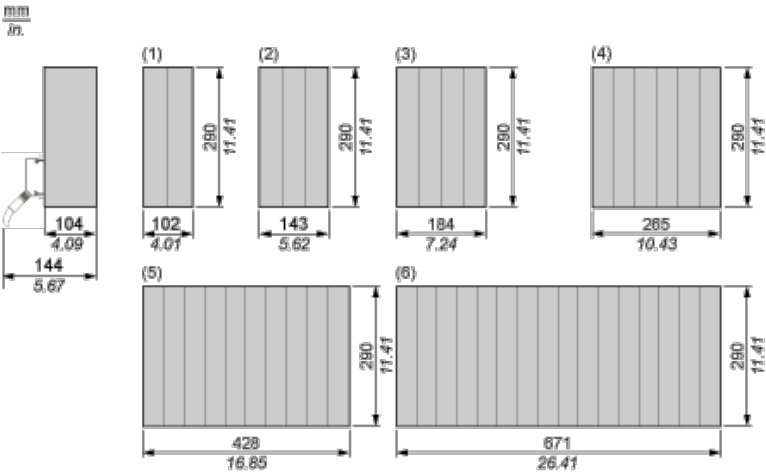
Green Premium product	Green Premium product
Compliant - since 0749 - Schneider Electric declaration of conformity	Compliant - since 0749 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
Available	Available
Available	Available
WARNING: This product can expose you to chemicals including:	WARNING: This product can expose you to chemicals including:
Lead and lead compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm.	Lead and lead compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm.
For more information go to www.p65warnings.ca.gov	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months
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Racks for Modules Mounting

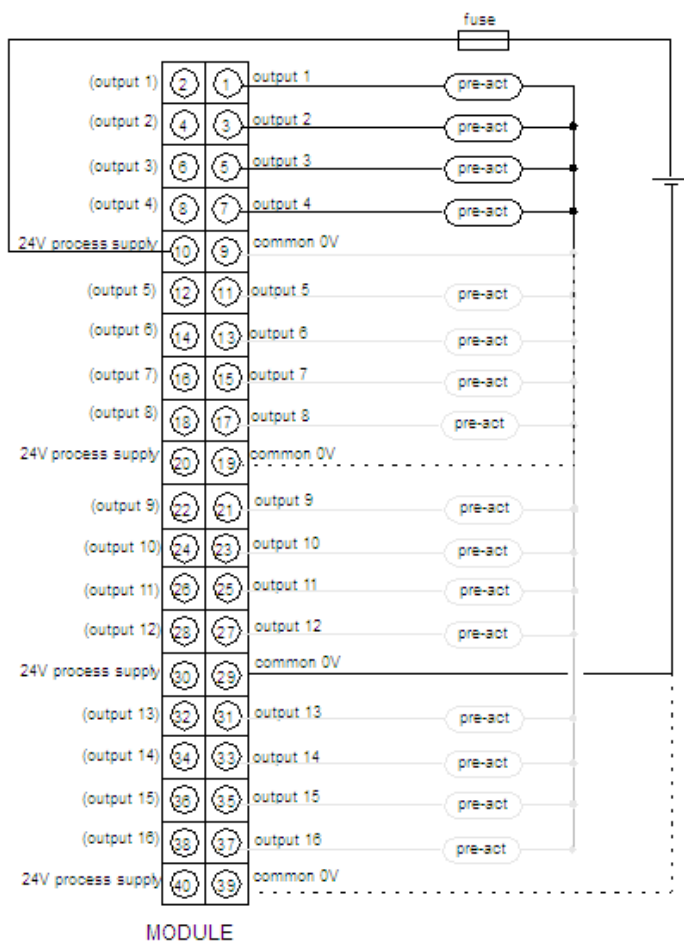
Dimensions of Modules and Racks



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

24 Vdc/0.5 A Source Overload Detection 16-Channel Digital Output Module

Wiring Diagram



fuse:10 A max (determined by the module load current), fast blow

pre- pre-actuator

act:

NOTE: There is only one group of 16 outputs. All common 24 V are internally connected and all common 0V are also internally connected. The two pins of a same input (e. g: pin 1 and 2 for input 1) are internally connected too so that you can use either the right pin or the left one.