



Price* : 3275.00 USD



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	$Inductance(H) = 0.5 / ((current(A))^2 \times (switching\ frequency(Hz)))$ 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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Ordering and shipping details

Category	18151 - SIL 2 QUANTUM
Discount Schedule	PC21
GTIN	00785901865384
Nbr. of units in pkg.	1
Package weight(Lbs)	2.2000000000000002
Returnability	N
Country of origin	FR

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0749 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available
California proposition 65	WARNING: This product can expose you to chemicals including:
----- Substance 1	Lead and lead compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm.
----- More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months
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Racks for Modules Mounting

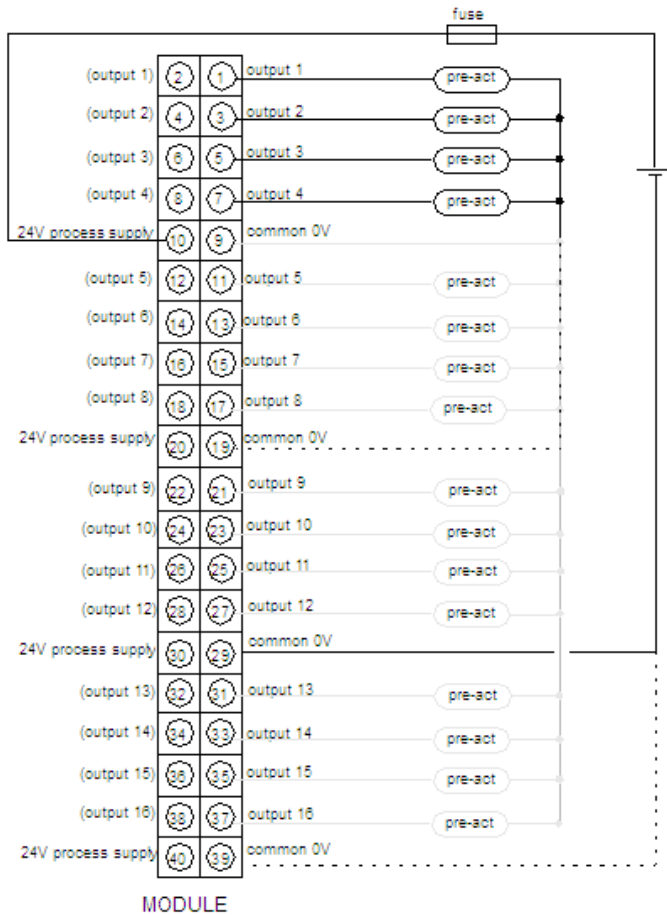
Dimensions of Modules and Racks



- (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-act: pre-actuator

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.