



Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 3593.00 USD



Main

Commercial Status	Commercialised
Range of product	Modicon Quantum automation platform
Product or component type	Dc discrete output module
Discrete output number	32

Complementary

Group of channels	4 groups of 8
Discrete output logic	Negative logic (sink)
Addressing requirement	2 input words 2 output words
Discrete output voltage	10...30 V DC
Absolute maximum output	50 V for 1 s decaying pulse
Voltage drop	0.4 V 0.5 A
Maximum load current	<= 4 A each group <= 16 A per module <= 0.5 A each point
Surge current	<= 2.5 A for 1 ms
Response time	1 ms at state 1 to state 0 1 ms at state 0 to state 1 <= 2 ms at state 1 to state 0 <= 2 ms at state 0 to state 1
Short-circuit protection	With
Output overvoltage protection	With
Load inductance	$\text{Inductance(H)} = 0.5 / ((\text{current(A)})^2 \times (\text{switching frequency(Hz)}))$ 0.5...4 Hz
Tungsten load	6 W 24 V 3 W 12 V 2.5 W 10 V
Fault indication	Blown fuse Incorrect output state Loss of field power
Protection type	Internal output protection by 5 A fuse per group
Power dissipation	2.5 W + (0.1 x all points on) + (0.4 x total load current)
Marking	CE
Local signalling	32 LEDs green input status 1 LED red external fault detected (F) 1 LED green bus communication is present (Active)

Bus current requirement	500 mA
Module format	Standard
Product weight	0.66 lb(US) (0.3 kg)

Environment

Protective treatment	Conformal coating Humiseal 1A33
Product certifications	C-Tick FM Class 1 Division 2 GOST 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	9.14 V/yd (10 V/m) 80...2000 MHz conforming to IEC 801-3
Ambient air temperature for operation	32...140 °F (0...60 °C)
Ambient air temperature for storage	-40...185 °F (-40...85 °C)
Relative humidity	95 % without condensation
Operating altitude	<= 16404.2 ft (5000 m)

Ordering and shipping details

Category	18155 - QUANTUM I/O & POWER SUPPLIES
Discount Schedule	PC21
GTIN	00785901173090
Nbr. of units in pkg.	1
Package weight(Lbs)	1.03
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	CN

Offer Sustainability

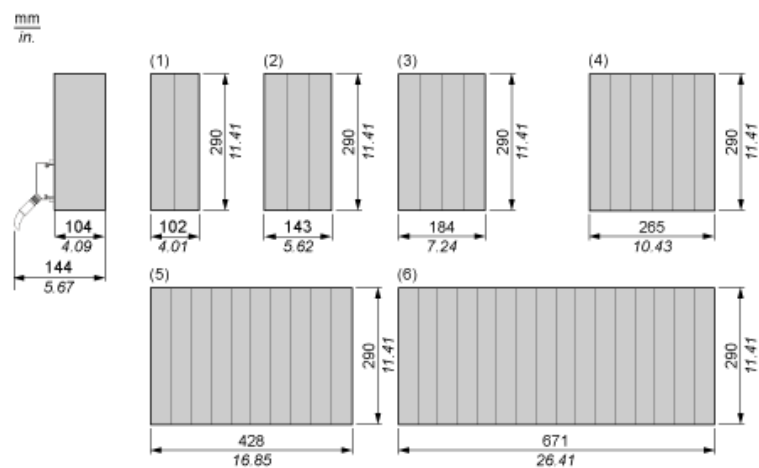
Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0932 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available Download Product Environmental Profile
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Period	18 months
--------	-----------

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

10...30 Vdc Verified Output 32-point Module

Wiring Diagram

