



Main

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 output words 2 input words
Discrete output voltage	10...30 V DC
Absolute maximum output	50 V 1 s decaying pulse
Maximum voltage drop	<0.4 V 0.5 A
Maximum load current	<= 0.5 A each point <= 16 A per module <= 4 A each group
Surge current	2.5 A 1 ms
Response Time	<= 2 ms at state 0 to state 1 <= 2 ms at state 1 to state 0 1 ms at state 0 to state 1 1 ms at state 1 to state 0
Short-circuit protection	With
Output overvoltage protection	With
Load inductance	Inductance(H) = 0.5/((current(A)) <sup>2</sup> x (switching frequency(Hz))) 0.5...4 Hz
Maximum tungsten load	2.5 W 10 V 3 W 12 V 6 W 24 V
Fault indication	Incorrect output state Loss of field power Blown fuse
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	For bus communication is present (Active) 1 LED (green) For external fault detected (F) 1 LED (red) For input status 32 LEDs (green)
Bus current requirement	500 mA
Module format	Standard
Net Weight	0.66 lb(US) (0.3 kg)

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.

## Environment

Protective treatment	Conformal coating Humiseal 1A33
Product Certifications	RMRS[RETURN]FM Class 1 Division 2[RETURN]C-tick[RETURN]GOST
Standards	CSA C22.2 No 142 UL 508
Resistance to electrostatic discharge	4 KV contact IEC 801-2 8 kV on air IEC 801-2
Resistance to electromagnetic fields	9.14 V/m (10 V/m) 80...2000 MHz 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	3595860032218
Returnability	No
Country of origin	CN

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.42 in (16.3 cm)
Package 1 Width	1.77 in (4.5 cm)
Package 1 Length	12.28 in (31.2 cm)
Package 1 Weight	16.68 oz (473.0 g)
Unit Type of Package 2	S02
Number of Units in Package 2	2
Package 2 Height	5.91 in (15.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	32.45 oz (920.0 g)

## Offer Sustainability

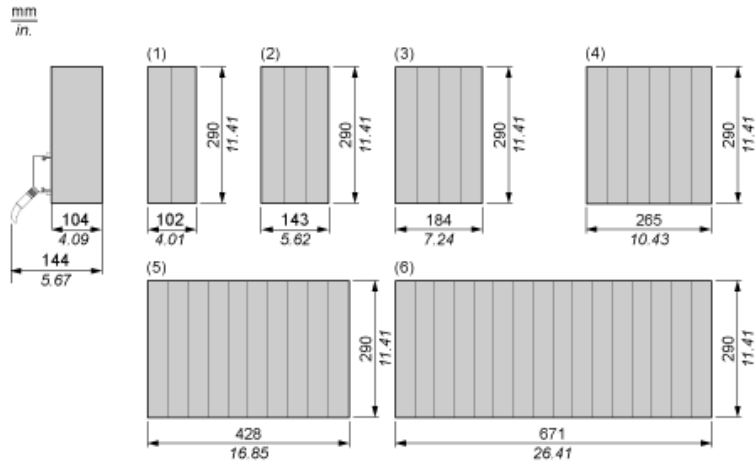
Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
RoHS exemption information	<a href="#">Yes</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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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

