



Main

Range of product	Modicon Quantum automation platform
Product or component type	TTL discrete output module
Discrete output number	32

Complementary

Group of channels	4 groups of 8 channels
Discrete output type	TTL Positive (sink)
Addressing requirement	2 output words
Discrete output voltage	5 V DC
Voltage state 1 guaranteed	≤ 0.2 V
[Us] rated supply voltage	4...5.5 V DC
Absolute maximum output	15 V 0.0013 s decaying voltage pulse DC
Internal pullup resistor	440 Ohm
Maximum load current	≤ 2.4 A per module ≤ 600 mA each group ≤ 75 mA each point
Surge current	750 A 0.5 ms between each point
Response time	≤ 250 μ s at state 0 to state 1 resistive ≤ 250 μ s at state 1 to state 0 resistive
Protection type	Output protection by transient voltage suppression Internal by fuse
Fault indication	Blown fuse Loss of field power
Power dissipation	4 W
Maximum supply current	0.4 A
Isolation between group	500 Vrms for 1 minute
Marking	CE
Local signalling	Bus communication is present (Active) 1 LED green) External fault detected (F) 1 LED red) Input status 32 LEDs green)
Bus current requirement	350 mA
Current consumption	2800 mA 5 V DC
Module format	Standard
Net Weight	0.99 lb(US) (0.45 kg)

Environment

Protective treatment	Conformal coating Humiseal 1A33
Product certifications	FM Class 1 Division 2 C-tick RMRS 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	03595861135895
Nbr. of units in pkg.	1
Package weight(Lbs)	15.77 oz (447 g)
Returnability	No
Country of origin	FR

Packing Units

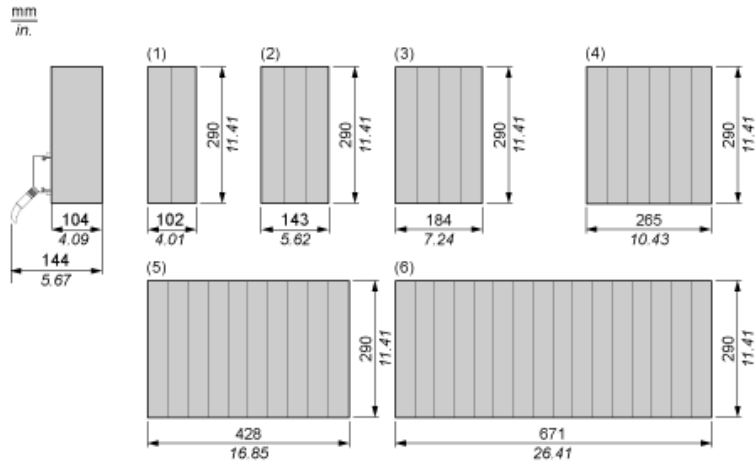
Unit Type of Package 1	PCE
Package 1 Height	1.97 in (5 cm)
Package 1 width	6.50 in (16.5 cm)
Package 1 Length	12.40 in (31.5 cm)
Unit Type of Package 2	S02
Number of Units in Package 2	2
Package 2 Weight	31.53 oz (894 g)
Package 2 Height	5.91 in (15 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)

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

5 Vdc Discrete Output Sink Module

Wiring Diagram

