Product data sheet
Characteristics

140DDO15310
discrete output module Modicon Quantum - 32 O

For inquiries sales@ubestplc.com



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	Positive (sink) TTL
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 µs at state 0 to state 1 resistive <= 250 µs at state 1 to state 0 resistive
Protection Type	Output protection by transient voltage suppression Internal by fuse
Fault indication	Loss of field power Blown fuse
Power dissipation	4 W
Maximum supply current	0.4 A
Isolation between group	500 Vrms for 1 minute
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	350 mA
Current consumption	2800 mA 5 V DC
Module format	Standard
Net Weight	0.99 lb(US) (0.45 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.
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Environment

Product Certifications	RMRS GOST C-tick FM Class 1 Division 2
Standards	UL 508 CSA C22.2 No 142
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	3595861133020
Nbr. of units in pkg.	1
Package weight(Lbs)	15.56 oz (441.0 g)
Returnability	No
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
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)
Unit Type of Package 2	S02
Number of Units in Package 2	2
Package 2 Weight	30.55 oz (866.0 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)

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 www.P65Warnings.ca.gov
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

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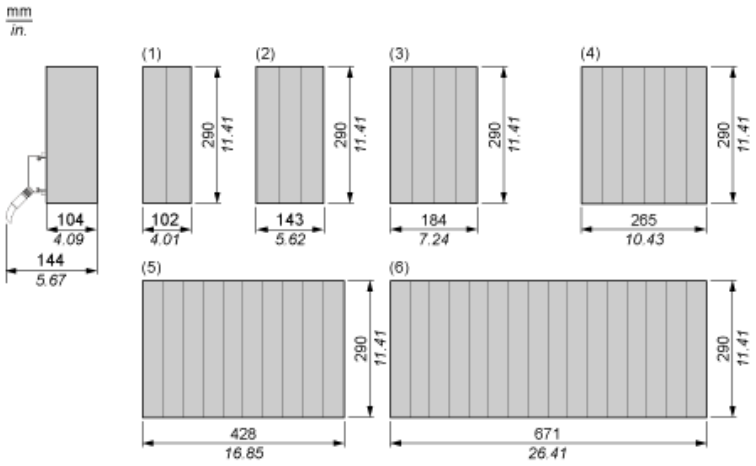
Contractual warranty

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

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5 Vdc Discrete Output Sink Module

Wiring Diagram

