

Product data sheet

Characteristics

140DAI75300

discrete input module Modicon Quantum - 32 I - 230 V AC

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

Price*: 1728.00 USD



Main

Commercial Status	Commercialised
Range of product	Modicon Quantum automation platform
Product or component type	VAC discrete input modules
Software name	Concept ProWORX 32 Unity Pro
Discrete input number	32

Complementary

Group of channels	4
Addressing requirement	2 input words
Discrete input voltage	230 V AC
Input current	<= 9.7 mA 47...53 Hz <= 11.5 mA 57...63 Hz
Voltage state 1 guaranteed	175...264 V AC at 47...53 Hz 165...264 V AC at 57...63 Hz
Voltage state 0 guaranteed	0...40 V AC at 47...53 Hz 0...40 V AC at 57...63 Hz
Input impedance	31800 Ohm capacitive at 47...53 Hz 26500 Ohm capacitive at 57...63 Hz
Network frequency limits	47...63 Hz
Leakage current	<= 2.6 mA
Absolute maximum input	400 V 1 cycle 312 V 10 s 264 V continuous
Response time	7.3...12.3 ms On-Off 4.9...0.75 ms x line cycle Off-On
Isolation between group	1780 Vrms for 1 minute
Isolation between group and bus	1780 Vrms for 1 minute
Bus current requirement	250 mA
Power dissipation in W	<= 5 W
Local signalling	32 LEDs green input status 1 LED red external fault detected (F) 1 LED green bus communication is present (Active)
Marking	CE
Module format	Standard
Product 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. *Prices are indicative

Environment

Standards	CSA C22.2 No 142 UL 508
Product certifications	CUL FM Class 1 Division 2
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	00785901449645
Nbr. of units in pkg.	1
Package weight(Lbs)	2.21
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	FR

Contractual warranty

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