



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

Price*: 1496.00 USD



Main

Commercial Status	Commercialised
Range of product	Modicon Quantum automation platform
Product or component type	Low voltage dc discrete input modules
Discrete input number	32

Complementary

Group of channels	4
Logic input	Negative (source)
Discrete input voltage	5 V TTL DC
Input voltage limits	4.5...5.5 V
Voltage state1 guaranteed	0.8 V DC
Voltage state 0 guaranteed	>= 4 V DC at 5.5 V supply voltage
Current state 1 guaranteed	4 mA
Addressing requirement	2 input words
Input impedance	7500 Ohm
Leakage current	200 mA at $U_s = 5.5 V$ and $U_{in} = 4 V$
Absolute maximum input	5.5 V continuous 15 V during 1.3 ms decaying pulse
Response time	<= 500 μs from state 1 to state 0 <= 250 μs from state 0 to state 1
Protection type	Input protection
Power dissipation	5 W
Isolation between group and bus	1780 Vrms for 1 minute
Isolation between group	500 Vrms for 1 minute
Local signalling	32 LEDs green input status 1 LED red external fault detected (F) 1 LED green bus communication is present (Active)
Marking	CE
Bus current requirement	170 mA
Module format	Standard
Product 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. 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 GOST
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/yard (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	00785901013969
Nbr. of units in pkg.	1
Package weight(Lbs)	0.94
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	Compliant - since 0844 - 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
--------	-----------