



Product availability: Stock - Normally stocked in distribution facility

Price*: 1283.00 USD



Main

Commercial Status	Commercialised
Range of product	Modicon Quantum automation platform
Product or component type	Dc discrete input modules
Discrete input number	16

Complementary

Group of channels	8
Logic input	Positive (sink)
Input voltage limits	10...60 V
Input voltage	60 V 1...5 mA DC 48 V 2...15 mA DC 24 V 6...30 mA DC 12 V 5...10 mA DC
Voltage state1 guaranteed	9...12 V 12 V +/- 5 % 45...60 V 60 V +/- 20 % 34...48 V 48 V +/- 20 % 11...24 V 24 V +/- 20 %
Voltage state 0 guaranteed	0...9 V 60 V +/- 20 % 0...5 V 24 V +/- 20 % 0...10 V 48 V +/- 20 % 0...1.8 V 12 V +/- 5 %
Absolute maximum voltage	75 V
Addressing requirement	1 input word
Response time	4 ms from state 1 to state 0 4 ms from state 0 to state 1
Switching frequency	<= 100 Hz
Isolation between group and bus	2500 Vrms DC for 1 minute
Isolation between group	700 Vrms DC for 1 minute
Power dissipation	1 W + (0.62 x number of points on)
Marking	CE
Local signalling	16 LEDs green input status 1 LED red external fault detected (F) 1 LED green bus communication is present (Active)
Bus current requirement	200 mA
Module format	Standard
Product weight	0.66 lb(US) (0.3 kg)

Environment

Standards	CSA C22.2 No 142 UL 508
Product certifications	C-Tick 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	00785901793830
Nbr. of units in pkg.	1
Package weight(Lbs)	0.94
Product availability	Stock - Normally stocked in distribution facility
Returnability	Y
Country of origin	CN

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 0901 - 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
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