



Product availability: Stock - Normally stocked in distribution facility

Price*: 1424.00 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	Positive (sink)
Discrete input voltage	24 V DC
Input voltage limits	19.2...30 V
Voltage state1 guaranteed	15...30 V DC
Voltage state 0 guaranteed	-3...5 V DC
Current state 1 guaranteed	>= 2 mA at Us = 5.5 V and Uin = 0 V
Current state 0 guaranteed	<= 0.5 mA
Addressing requirement	2 input words
Input impedance	2500 Ohm
Leakage current	200 mA at Us = 5.5 V and Uin = 4 V
Absolute maximum input	56 V during 1.3 ms decaying pulse 30 V continuous
Response time	<= 1 ms from state 1 to state 0 <= 1 ms from state 0 to state 1
Protection type	Input protection by resistor limited
Power dissipation	1.7 W + (0.36 x number of points on)
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	330 mA
Module format	Standard
Product weight	0.66 lb(US) (0.3 kg)

Environment

Standards	CSA C22.2 No 142 UL 508
Product certifications	ABS BV C-Tick DNV GOST RINA RMRS
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	00785901793823
Nbr. of units in pkg.	1
Package weight(Lbs)	0.90
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 0846 - 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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