



Product availability: Stock - Normally stocked in distribution facility

Price*: 2000.00 USD



Main

Commercial Status	Commercialised
Range of product	Modicon Quantum automation platform
Product or component type	Multifunction input module
Number of terminals	<= 40

Complementary

Function of module	Status logging counting 500 Hz Status monitoring on discrete inputs Time and date stamped event logging
Time synchronisation protocol	DCF77 IRIG-B
Product compatibility	Unity Pro V7.0 Unity Pro V6.0 - without IRIG-B or TXSNTP100 function Unity Pro V5.0 - without IRIG-B or TXSNTP100 function Unity Pro V4.1 - without IRIG-B or TXSNTP100 function
Group of channels	2 groups of 16 inputs for process input
Discrete input number	32 discrete input(s) at 24...125 V for process input 1 discrete input(s) at 24 V for clock signal input
Switching voltage	60 V at 2.5 mA for process input 48 V at 2.5 mA for process input 24 V at 6 mA for process input 125 V at 1 mA for process input
Power consumption in W	<= 7.5 W for process input
Insulation	By optocoupler for clock signal input
Insulation between group of channels	By optocoupler
Anti bounce filtering	Configurable from 0 to 255 ms
Input state	Inversion configurable
Acquisition time	1 ms for clock signal input
Input current	5 mA for clock signal input
Electrical connection	Unshielded cable cable, cable length: <= 1312.34 ft (400 m) for process input Shielded cable cable, cable length: <= 1968.5 ft (600 m) for process input
Connections - terminals	Screw terminal block
Local signalling	32 LEDs for status of inputs (1 to 32) 1 LED red for fault (F) 1 LED green for self test OK, module ready (R) 1 LED green for communication on the bus (Active)

Current consumption	20 mA at 24...125 V DC external power supply per group of channel 300 mA at 5 V DC bus
Module format	Standard
Product weight	0.99 lb(US) (0.45 kg)

Environment

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) at 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)
Protective treatment	TC
Standards	HazLoc UL 508
Product certifications	CSA Class 1 Division 2 C-Tick GOST LR UL Merchant Navy

Ordering and shipping details

Category	18155 - QUANTUM I/O & POWER SUPPLIES
Discount Schedule	PC21
GTIN	00785901491170
Nbr. of units in pkg.	1
Package weight(Lbs)	0.95
Product availability	Stock - Normally stocked in distribution facility
Returnability	Y
Country of origin	FR

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 1208 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available

Contractual warranty

Period	18 months
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