



Product availability: Stock - Normally stocked in distribution facility



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	16

Complementary

Group of channels	2
Addressing requirement	1 input word
Discrete input voltage	115 V AC
Input current	<= 13.2 mA 47...53 Hz <= 11.1 mA 57...63 Hz
Voltage state 1 guaranteed	85...132 V AC at 47...53 Hz 79...132 V AC at 57...63 Hz
Voltage state 0 guaranteed	0...20 V AC at 47...53 Hz 0...20 V AC at 57...63 Hz
Input impedance	14400 Ohm capacitive at 47...53 Hz 12000 Ohm capacitive at 57...63 Hz
Network frequency limits	47...63 Hz
Leakage current	<= 2.1 mA
Absolute maximum input	200 V 1 cycle 156 V 10 s 132 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	180 mA
Power dissipation in W	<= 5.5 W
Local signalling	16 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)

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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	00785901734802
Nbr. of units in pkg.	1
Package weight(Lbs)	0.94
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 0851 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available Download Product Environmental
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Period	18 months
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