

Product availability: Non-Stock - Not 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	32

### Complementary

Group of channels	4
Addressing requirement	2 input words
Discrete input voltage	48 V AC
Input current	<= 9.8 mA 47...53 Hz <= 11.7 mA 57...63 Hz
Voltage state 1 guaranteed	34...56 V AC at 47...53 Hz 29...56 V AC at 57...63 Hz
Voltage state 0 guaranteed	0...10 V AC at 47...53 Hz 0...10 V AC at 57...63 Hz
Input impedance	6800 Ohm capacitive at 47...53 Hz 5600 Ohm capacitive at 57...63 Hz
Network frequency limits	47...63 Hz
Leakage current	<= 1.7 mA
Absolute maximum input	63 V 10 s 56 V continuous 100 V 1 cycle
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	250 mA
Power dissipation in W	<= 10.9 W
Local signalling	32 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)

### 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	00785901297000
Nbr. of units in pkg.	1
Package weight(Lbs)	1.07
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Returnability	N
Country of origin	CN

### Contractual warranty

Period	18 months
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