



Product availability: Stock - Normally stocked in distribution facility

Price*: 2846.00 USD



Main

Commercial Status	Commercialised
Range of product	Modicon Quantum automation platform
Product or component type	Analogue input module
Type of filter	Single pole low pass - 3 dB at 15 Hz +/- 20 %

Complementary

Analogue input number	8
Input type	Differential
Addressing requirement	9 input words
Analogue input resolution	12 bits
Linear measuring range	1...5 V 4...20 mA
Absolute maximum input	50 V DC 25 mA
Input impedance	250 Ohm current +/- 0.01 % > 20 MOhm voltage
Absolute accuracy error	+/- 0.1 % of full scale maximum +/- 0.05 % of full scale
Linearity error	+/- 0.04 %
Accuracy drift according to temperature	<= 0.005 % of full scale/°C +/- 0.0025 % of full scale/°C
Common mode rejection	> -72 dB 60 Hz
Isolation between channels and bus	3000 V DC for 60 s 1000 V DC
Isolation between channels	30 V DC
Update time	5 ms
Fault type	Undervoltage range 1...5 V Broken wire 4...20 mA
Marking	CE
Local signalling	8 LEDs red channel fault 8 LEDs green channel is turned on 1 LED red external fault 1 LED green bus communication is present (Active)
Bus current requirement	240 mA
Power dissipation in W	2 W

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...1000 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	00785901792185
Nbr. of units in pkg.	1
Package weight(Lbs)	0.98
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 0852 - 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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