



Main

Range of product	Modicon Quantum automation platform
Product or component type	Dc discrete input modules
Discrete input number	24
Group of channels	3
Logic input	Positive (sink)
Input voltage	125 V 2,5 mA DC

Complementary

Input voltage limits	88...150 V
Absolute maximum voltage	156.25 V including ripple
Addressing requirement	2 input words
Response time	0.7 ms from state 1 to state 0 0.7 ms from state 0 to state 1
Isolation between group and bus	1780 V rms AC for 1 minute
Isolation between group	2500 V AC for 1 minute
Power dissipation	1 W + (0.62 x number of points on)
Marking	CE
Local signalling	1 LED green bus communication is present (Active) 1 LED red external fault detected (F) 24 LEDs green input status
Bus current requirement	200 mA
Module format	Standard
Product weight	0,3 kg

Environment

Standards	CSA 22-2 No 142 UL 508
Product certifications	C-Tick FM Class 1 Division 2
Resistance to electrostatic discharge	4 kV contact IEC 801-2 8 kV on air IEC 801-2
Resistance to electromagnetic fields	10 V/m 80...2000 MHz IEC 801-3
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-40...85 °C
Relative humidity	95 % without condensation
Operating altitude	≤ 5000 m
RoHS EUR conformity date	3Q2009
RoHS EUR status	Will be compliant

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