



Commercial status

End-of-Sale Notice :

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Main

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	16
Addressing requirement	1 input word
Discrete input voltage	230 V AC
Input current	11.5 MA at 57...63 Hz 9.7 MA at 47...53 Hz
Voltage state 1 guaranteed	165...264 V AC at 57...63 Hz 175...264 V AC at 47...53 Hz
Voltage state 0 guaranteed	0...40 V AC at 57...63 Hz 0...40 V AC at 47...53 Hz
Input impedance	26500 Ohm capacitive at 57...63 Hz 31800 Ohm capacitive at 47...53 Hz
Network frequency limits	47...63 Hz
Maximum leakage current	2.6 MA
Absolute maximum input	264 V continuous 300 V 10 s 400 V 1 cycle
Response time	4.9...0.75 ms x line cycle Off-On 7.3...12.3 ms On-Off
Isolation between channels	1780 Vrms for 1 minute
Isolation between channels and bus	1780 Vrms for 1 minute
Bus current requirement	180 MA
Maximum power dissipation in W	5.5 W
Local signalling	1 LED (green) for bus communication is present (Active) 1 LED (red) for external fault detected (F) 16 LEDs (green) for input status
Marking	CE
Module format	Standard
Net weight	0.35 Kg

Environment

Standards	UL 508 CSA C22.2 No 142
Product certifications	FM Class 1 Division 2[RETURN]cUL
Resistance to electrostatic discharge	4 KV contact conforming to IEC 801-2 8 KV on air conforming to IEC 801-2
Resistance to electromagnetic fields	10 V/M 80...2000 MHz conforming to 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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	16.3 Cm
Package 1 Width	4.5 Cm
Package 1 Length	31.2 Cm
Package 1 Weight	450.0 G

Offer Sustainability

REACH free of SVHC	Yes
Mercury free	Yes
Sustainable packaging	No
EU RoHS Directive	Compliant 
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which

Contractual warranty

Warranty (in months)	18
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Product Life Status : **Post commercialisation**

140DAI74000 may be replaced by any of the following products:



BMXDAI1615

discrete input module, Modicon X80, 16 isolated inputs, 200 to 240V AC

Qty 1

Substitution date: |