



Commercial status

End-of-Sale Notice :

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Main

Range of product	Modicon Quantum automation platform
Product or component type	Dc discrete output module
Discrete output number	96

Complementary

Group of channels	6 groups of 16
Discrete output logic	Negative logic (sink)
Addressing requirement	6 output words
Discrete output voltage	24 V DC
Output voltage limits	19.2...30 V
Maximum voltage drop	<0.4 V 0.5 A
Maximum load current	<= 0.5 A each point <= 19.2 A per module <= 3.2 A each group
Surge current	2 A
Response time	<= 0.1 ms at state 0 to state 1 <= 0.1 ms at state 1 to state 0
Maximum leakage current	1 mA 24 V
Short-circuit protection	With
Output overload protection	With
Load inductance	$\text{Inductance(H)} = 0.5 / ((\text{current(A)})^2 \times (\text{switching frequency(Hz)}))$ 0.5...4 Hz
Fault indication	Fault sensing Fault point Loss of field power Fault reporting
Isolation between channels and bus	500 Vrms DC for 1 minute
Power dissipation	7 W
Marking	CE
Local signalling	1 LED (green) for bus communication is present (Active) 1 LED (red) for external fault detected (F) 96 LEDs (green) for input status
Bus current requirement	250 mA
Module format	Standard
Net weight	0.45 Kg

Environment

Product certifications	C-Tick[RETURN]RMRS[RETURN]GOST[RETURN]FM Class 1 Division 2
Standards	CSA C22.2 No 142 UL 508
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	545.0 G
Unit Type of Package 2	S03
Number of Units in Package 2	7
Package 2 Height	30.0 Cm
Package 2 Width	30.0 Cm
Package 2 Length	40.0 Cm
Package 2 Weight	4.33 Kg

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**

140DDO36400 may be replaced by any of the following products:



BMXDDO6402K

discrete output module, Modicon X80, 64 transistor outputs, 24V DC positive

Qty 1

Substitution date: |