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Product data sheet
Characteristics

170ADO34000
discrete output module Modicon Momentum - 16 O solid state

Green Premium™

Main

Range of product	Modicon Momentum automation platform
Product or component type	Discrete output base DC
Group of channels	2 groups of 8 outputs
Discrete output number	16
Discrete output type	Solid state switch
Discrete output voltage	24 V DC
Current per channel	0.5 A
Short-circuit protection	Outputs electronically protected
Protective treatment	TC

Complementary

[Ue] rated operational voltage	24 V DC
Discrete output current	4 A per group 8 A per module
Maximum leakage current	1 mA 24 V DC
Surge current	5 A during 1 ms
Maximum voltage drop	<0.5 V 0.5 A at state 1
Output overload protection	Outputs electronically protected
Response time	0.1 ms from state 0 to state 1 0.1 ms from state 1 to state 0
Isolation between channels and bus	500 V AC
Power dissipation	3.5 W typical 4.5 W maximum
Marking	CE
Local signalling	16 LEDs for channel status
Current consumption	250 mA at 24 V DC
Terminals description PLC n°1	(14)OUT_DIS#14 (2L+)PW_POS (L+)PW_POS (5)OUT_DIS#5 (1)OUT_DIS#1 (15)OUT_DIS#15 (M-)PW_NEG (12)OUT_DIS#12 (8)OUT_DIS#8 (4)OUT_DIS#4 (16)OUT_DIS#16 (6)OUT_DIS#6 (2)OUT_DIS#2 (10)OUT_DIS#10 (11)OUT_DIS#11 TB (13)OUT_DIS#13 (7)OUT_DIS#7 (9)OUT_DIS#9 (3)OUT_DIS#3 (1L+)PW_POS
Depth	47.5 mm
Height	141.5 mm
Width	125 mm
Product weight	0.21 kg

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This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
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Environment

Product certifications	UL[RETURN]FM Class 1 Division 2[RETURN]CSA
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...1000 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	5.7 cm
Package 1 Width	18.2 cm
Package 1 Length	26.0 cm
Package 1 Weight	384.0 g
Unit Type of Package 2	S03
Number of Units in Package 2	10
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	3.84 kg
Unit Type of Package 3	P06
Number of Units in Package 3	80
Package 3 Height	75.0 cm
Package 3 Width	40.0 cm
Package 3 Length	80.0 cm
Package 3 Weight	43.9 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months