

170ADM39010

discrete I/O module Modicon Momentum - 16I /
12O solid state

Product availability : Stock - Normally stocked in distribution facility

Price* : 1107.00 USD



Main

Range of product	Modicon Momentum automation platform
Product or component type	Discrete solid state I/O base DC
Group of channels	1 group of 16 inputs 1 group of 8 outputs 1 group of 4 outputs
Discrete input number	16 IEC 1131-2 Type 1
Discrete input logic	Positive
Discrete input voltage	24 V DC
Discrete output number	12
Discrete output type	Solid state switch
Discrete output voltage	≤ 30 V DC 24 V DC
Discrete output logic	Positive
Protective treatment	TC

Complementary

[Us] rated supply voltage	24 V DC
Input voltage limits	- 3...30 V
Voltage state 0 guaranteed	-3...5 V
Voltage state 1 guaranteed	11...30 V
Current state 0 guaranteed	≤ 1.2 mA
Current state 1 guaranteed	≥ 2.5 mA 6 mA 24 V
Input resistance	4 kOhm
Discrete output current	4 A per group of 8 outputs 2 A per group of 4 outputs 8 A per module 0.5 A per point

Leakage current	< 1 mA 24 V output circuit
Fault type	Broken wire on input circuit Overload on output
Response time	< 0.1 ms from state 0 to state 1 on output < 0.1 ms from state 1 to state 0 on output 2.2 ms from state 0 to state 1 on input 3.3 ms from state 1 to state 0 on input
Isolation between channels and bus	500 V AC
Power dissipation	6.5 W <= 10 W
Marking	CE
Terminals description PLC n°1	(2)IN_DIS#2 (14)IN_DIS#14 (L+)PW_POS (1)IN_DIS#1 (15)IN_DIS#15 TB (13)IN_DIS#13 (5)IN_DIS#5 (12)IN_DIS#12 (8)IN_DIS#8 (7)IN_DIS#7 (3)IN_DIS#3 (6)IN_DIS#6 (10)IN_DIS#10 (11)IN_DIS#11 (9)IN_DIS#9 (M-)PW_NEG (16)IN_DIS#16 (4)IN_DIS#4
Terminals description PLC n°2	(1)OUT_DIS#1 (4)OUT_DIS#4 (7)OUT_DIS#7 (11)OUT_DIS#11 (10)OUT_DIS#10 (2L+)PW_POS (5)OUT_DIS#5 (2)OUT_DIS#2 (6)OUT_DIS#6 (3)OUT_DIS#3 (1L+)PW_POS TB_1 (9)OUT_DIS#9 (8)OUT_DIS#8 (12)OUT_DIS#12
Current consumption	180 mA 24 V DC
Depth	1.87 in (47.5 mm)
Height	5.57 in (141.5 mm)
Width	4.92 in (125 mm)
Product weight	0.57 lb(US) (0.26 kg)

Environment

Product certifications	UL FM Class 1 Division 2 CSA
Resistance to electrostatic discharge	4 kV contact IEC 801-2 8 kV on air IEC 801-2
Resistance to electromagnetic fields	9.14 V/yd (10 V/m) 80...1000 MHz 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	18206 - MOMENTUM PROCESSORS,I/O BASES,CONN.
Discount Schedule	PC31
GTIN	00785901162650
Nbr. of units in pkg.	1
Package weight(Lbs)	0.76000000000000001
Returnability	N
Country of origin	ID

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0901 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available

Contractual warranty

Warranty period	18 months
-----------------	-----------