



Main

Range of Product	Modicon Momentum automation platform
Product or Component Type	Discrete relay I/O base DC
Group of channels	1 group of 16 outputs 1 group of 16 inputs
Discrete input number	16 IEC 1131-2 Type 3
Discrete input logic	Positive
Discrete input voltage	24 V DC 12 V DC 48 V DC
Discrete output number	16
Discrete output type	Solid state switch
Discrete output voltage	<= 60 V DC 12 V DC 24 V DC 48 V DC
Discrete output logic	Positive
Protective treatment	TC

Complementary

[Us] rated supply voltage	12 V DC 24 V DC 48 V DC
Input voltage limits	10...60 V
Voltage state 0 guaranteed	< 10 V 48 V < 2.5 V 12 V < 5 V 24 V
Voltage state 1 guaranteed	> 11 V 24 V > 30 V 48 V > 7.5 V 12 V
Current state 1 guaranteed	2.3 mA 12 V 2.7 mA 24 V 2.9 mA 48 V
Discrete output current	0.5 A per point 7 A 140 °F (60 °C) per module 8 A 122 °F (50 °C) per group
Maximum leakage current	1 mA 60 V output circuit)
Peak output current	5 A
Maximum voltage drop	<1 V 0.5 A at state 1 output circuit
Fault type	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 group of I/O channels	707 V DC
Isolation between channels and bus	707 V DC
Power dissipation	6.0 + (0.144 x number of input points) + (0.25 x number of output points)
Current consumption	250 mA 24 V DC 125 mA 48 V DC 500 mA 12 V DC
Depth	1.87 in (47.5 mm)
Height	5.57 in (141.5 mm)
Width	4.92 in (125 mm)

Environment

Product Certifications	FM Class 1 Division 2[RETURN]UL[RETURN]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/m (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	3595862070133
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.17 in (5.5 cm)
Package 1 Width	7.09 in (18.0 cm)
Package 1 Length	10.24 in (26.0 cm)
Package 1 Weight	13.40 oz (380.0 g)
Unit Type of Package 2	S03
Number of Units in Package 2	8
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	7.66 lb(US) (3.476 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
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
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