



### 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 UL 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
Nbr. of units in pkg.	1
Package weight(Lbs)	13.40 oz (380 g)
Returnability	Yes
Country of origin	FR

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	2.17 in (5.5 cm)
Package 1 width	7.09 in (18 cm)
Package 1 Length	10.24 in (26 cm)
Unit Type of Package 2	S03
Number of Units in Package 2	8
Package 2 Weight	7.72 lb(US) (3.5 kg)
Package 2 Height	11.81 in (30 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)

## 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
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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