



### Main

Range of Product	Modicon Momentum automation platform
Product or Component Type	Discrete relay I/O base AC
Group of channels	2 groups of 4 outputs 1 group of 10 inputs
Discrete input number	10 IEC 1131-2 Type 1
Discrete input logic	Positive
Discrete input voltage	24...230 V AC
Discrete output number	8
Discrete output type	Relay normally open
Discrete output voltage	24...230 V AC
Protective treatment	TC

### Complementary

[Us] rated supply voltage	120 V AC
Input voltage limits	-3...30 V
Voltage state 0 guaranteed	-3...5 V
Voltage state 1 guaranteed	11...30 V
Current state 0 guaranteed	$\leq 1.2$ mA
Current state 1 guaranteed	$\geq 2.5$ mA
Input resistance	4 kOhm
Discrete output current	$\leq 0.15$ mA 115 V inductive $\leq 0.5$ mA 115 V resistive $\leq 1$ mA 24 V inductive $\leq 2$ mA 24 V resistive $\geq 0.005$ A 24 V
Output overload protection	External by varistor in parallel with each contact
Output short-circuit protection	External by varistor in parallel with each contact
Mechanical durability	30000000 cycles
Electrical durability	100000 cycles inductive
Response time	10 ms 60 Hz from state 0 to state 1 on output 10 ms 60 Hz 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 output channels group	1780 V AC
Isolation between group of I/O channels	1780 V AC
Isolation between channels and bus	500 V AC
Power dissipation	5.5 W $\leq 8.5$ W
Protection Type	Without protection
Associated fuse rating	4 A fast blow operating voltage
Marking	CE

Terminals description PLC n°1	(8)IN_DIS#8 (4)IN_DIS#4 TB (9)IN_DIS#9 (3)IN_DIS#3 (7)IN_DIS#7 (L1)PW (6)IN_DIS#6 (1)IN_DIS#1 (10)IN_DIS#10 (5)IN_DIS#5 (N)PW (2)IN_DIS#2
Terminals description PLC n°2	(1)OUT_DIS#1 (1L+)PW (8)OUT_DIS#8 (7)OUT_DIS#7 (5)OUT_DIS#5 (6)OUT_DIS#6 (3)OUT_DIS#3 (4)OUT_DIS#4 (2)OUT_DIS#2 (2L1)PW TB_1
Current consumption	5 mA 120 V AC
Depth	1.87 in (47.5 mm)
Height	5.57 in (141.5 mm)
Width	4.92 in (125 mm)
Net 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/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	3595860033710
Nbr. of units in pkg.	1
Package weight(Lbs)	18.48 oz (524.0 g)
Returnability	No
Country of origin	ID

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	3.54 in (9 cm)
Package 1 width	7.09 in (18 cm)
Package 1 Length	10.24 in (26 cm)
Unit Type of Package 2	S04
Number of Units in Package 2	12
Package 2 Weight	14.90 lb(US) (6.76 kg)
Package 2 Height	11.81 in (30 cm)
Package 2 width	15.75 in (40 cm)
Package 2 Length	23.62 in (60 cm)
Unit Type of Package 3	PAL

Number of Units in Package 3	48
Package 3 Weight	55.45 lb(US) (25.152 kg)
Package 3 Height	23.62 in (60 cm)
Package 3 width	31.50 in (80 cm)
Package 3 Length	18.90 in (48 cm)

### Offer Sustainability

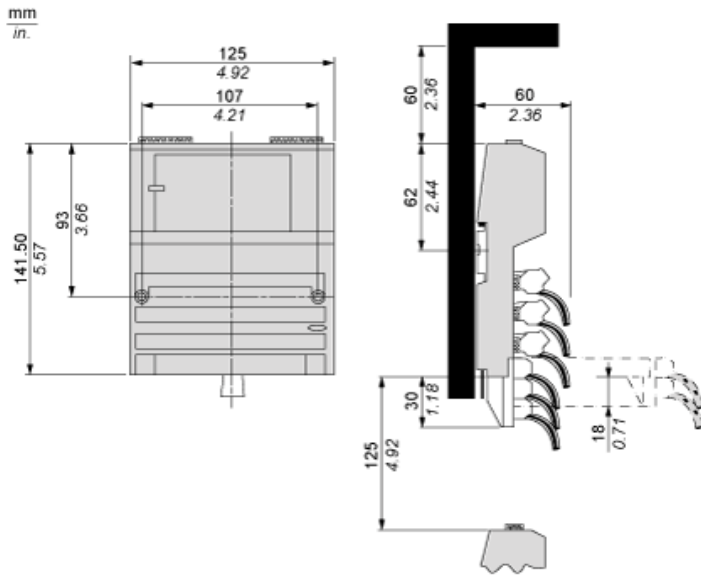
Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</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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Standard Adapter on a Typical Base

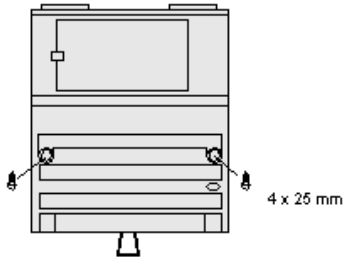
Dimensions



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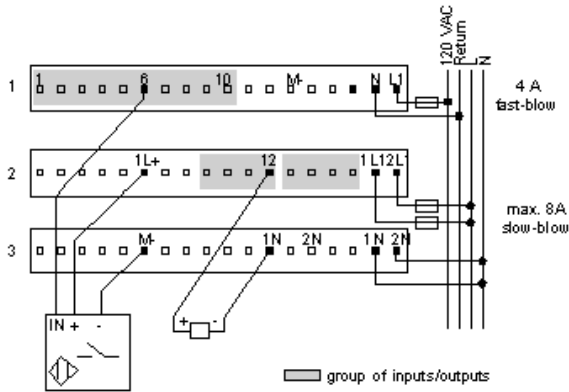
Mounting on a Wall

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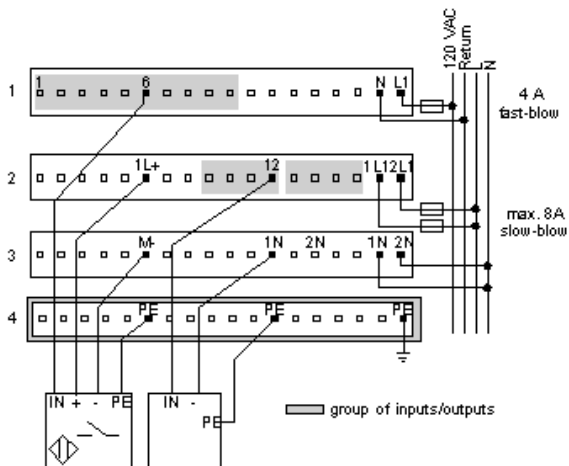


External Wiring Diagrams

3-Wire Sensor with a 2-Wire Actuator



4-Wire Sensor with a 3-Wire Actuator



Internal Pin Connections

Rows 1 through 3 show the internal connections between terminals on the I/O base. Row 4 shows the internal connections on the optional busbar.

