



Main

Range of product	Modicon Momentum automation platform
Product or component type	Discrete inputs base AC
Group of channels	2 groups of 8 inputs
Discrete input number	16 IEC 1131-2 Type 2
Discrete input voltage	230 V AC
Protective treatment	TC

Complementary

Discrete input logic	Positive
Input voltage limits	164...253 V
Network frequency	47...63 Hz
Voltage range	163...253 V
Voltage state 0 guaranteed	≤ 40 V
Voltage state 1 guaranteed	≥ 164 V
Current state 0 guaranteed	≤ 2 mA
Current state 1 guaranteed	≥ 10 mA
Input resistance	7.5 KOhm 60 Hz 9 kOhm 50 Hz
Response time	13.3 ms 60 Hz from state 0 to state 1 13.3 ms 60 Hz from state 1 to state 0
Isolation between group	1780 V AC
Isolation between channels and bus	1780 V AC
Terminals description PLC n°1	(8)IN_DIS#8 (7)IN_DIS#7 (5)IN_DIS#5 (16)IN_DIS#16 (12)IN_DIS#12 (2)IN_DIS#2 (14)IN_DIS#14 (15)IN_DIS#15 (N)PW (11)IN_DIS#11 (4)IN_DIS#4 (9)IN_DIS#9 (L1)PW (3)IN_DIS#3 (6)IN_DIS#6 TB (13)IN_DIS#13 (1)IN_DIS#1 (10)IN_DIS#10
Marking	CE
Local signalling	Channel status 16 LEDs
Current consumption	≤ 125 mA 230 V AC
Depth	1.87 in (47.5 mm)
Height	5.57 in (141.5 mm)
Maximum Width	4.92 in (125 mm)
Net Weight	0.63 lb(US) (0.284 kg)

Environment

Product certifications	CSA UL
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	00785901189916
Nbr. of units in pkg.	1
Package weight(Lbs)	1.01 lb(US) (0.46 kg)
Returnability	No
Country of origin	ID

Packing Units

Package 1 Height	3.54 in (90.000 mm)
Package 1 width	7.09 in (180.000 mm)
Package 1 Length	10.24 in (260.000 mm)

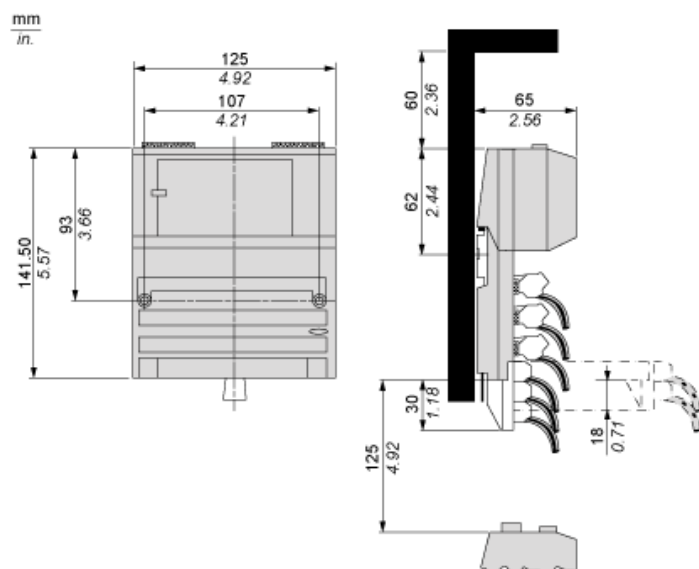
Offer Sustainability

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) EU RoHS Declaration
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.

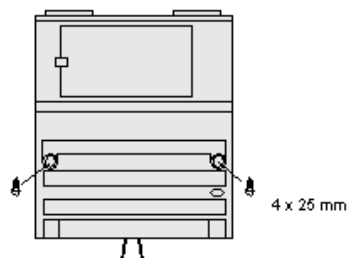
Contractual warranty

Warranty	18 months
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Standard Adapter on a Discrete VAC Base

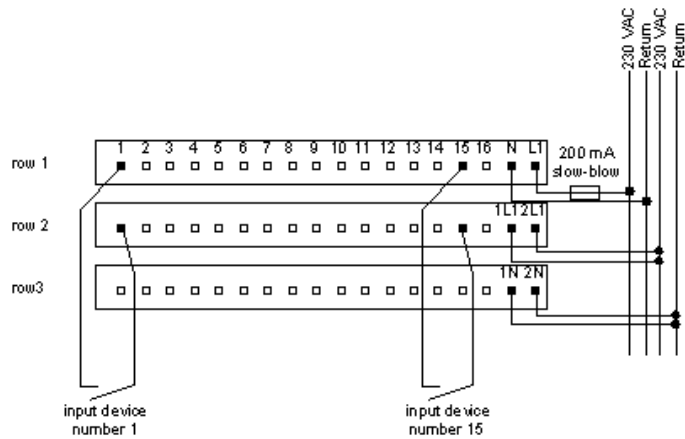


Mounting on a Wall

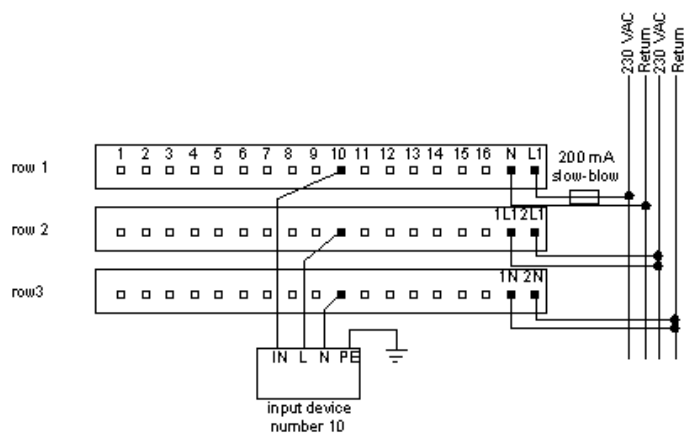


External Wiring Diagrams

2-Wire Devices



3-Wire Device



Internal Pin Connections

