



Main

Range of product	Modicon Momentum automation platform
Product or component type	Discrete triac I/O base AC
Group of channels	1 group of 10 inputs 1 group of 8 outputs
Discrete input number	10 IEC 1131-2 Type 2
Discrete input logic	Positive
Discrete input voltage	120 V AC
Discrete output number	8
Discrete output type	Triac
Discrete output voltage	120...132 V DC
Discrete output logic	Positive
Protective treatment	Conformal coating Humiseal 1A33

Complementary

[Us] rated supply voltage	120 V AC
Input voltage limits	74...132 V
Network frequency	47...63 Hz
Voltage state 0 guaranteed	< 20 V
Voltage state 1 guaranteed	> 74 V
Current state 0 guaranteed	<= 2.6 mA
Current state 1 guaranteed	>= 6 mA
Input resistance	4 kOhm
Discrete output current	2 A per group 4 A per module 30 mA...0.5 A per point
Leakage current	< 1.3 mA 120 V output circuit
Voltage drop	< 1.5 V 0.5 A at state 1 output circuit
Operating rate	3000 cyc/h 0.5 A inductive

Response time	1/2 x 1/f from state 0 to state 1 on input 1/2 x 1/f from state 0 to state 1 on output 1/2 x 1/f from state 1 to state 0 on input 1/2 x 1/f from state 1 to state 0 on output
Isolation between channels and bus	1780 V AC
Power dissipation	6 W <= 8 W
Protection type	Internal 2 x 2.5 A slow-blow fuses
Marking	CE
Terminals description PLC n°1	(1)IN_DIS#1 (7)IN_DIS#7 (5)IN_DIS#5 (4)IN_DIS#4 (10)IN_DIS#10 (8)IN_DIS#8 (9)IN_DIS#9 (3)IN_DIS#3 (2)IN_DIS#2 (6)IN_DIS#6 (N)PW TB (L1)PW
Terminals description PLC n°2	(6)OUT_DIS#6 TB_1 (1L1)PW (3)OUT_DIS#3 (5)OUT_DIS#5 (8)OUT_DIS#8 (2)OUT_DIS#2 (1N)PW (7)OUT_DIS#7 (4)OUT_DIS#4 (1)OUT_DIS#1
Current consumption	160 mA 120 V AC
Depth	47.5 mm
Height	141.5 mm
Width	125 mm
Product weight	0.22 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	10 V/m 80...1000 MHz IEC 801-3
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-40...85 °C
Relative humidity	95 % without condensation
Operating altitude	<= 5000 m

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1350 - 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
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