



M1808

8 digital inputs

120 VAC
Hotswap
18pt removable terminal block (RTB18C)

Facts

General description

Article number	100-8215
Warranty	Up to 2 years
Article status	Active
Shock operating	IEC 60068-2-27 (15G)
Vibration resistance	Sine vibration (based on IEC 60068-2-6), DNVGL-CG-0339 (Vibration Class B, 4G)
Industrial emissions	EN 61000-6-4/2019
Industrial immunity	EN 61000-6-2 : 2019
Installation position	Horisontal, Vertical
Power dissipation	35 mA maximum @ 5.0 VDC
Isolation	I/O to Logic : Photocoupler isolation
Field power	Field Power passes through to the next module.(AC Power Not used)
Weight	72g
Module size	12 x 110 x 75 mm

Certifications

General	CE, FCC, UL, cUL
Hazardous	UL C1D2
Marine	DNV GL
Safety	UL508, CAN/CSA C22.2 No.142-M1987

Environmental

Mounting	35mm DIN rail
Operating temperature	-25 ~ 60°C
Storage temperature	-40 ~ 85°C
UL temperature	-25 ~ 60°C
Relative humidity	5 ~ 90% non-condensing

Digital input module specifications

Indicators	8 Green input state
Inputs per module	8 digital inputs
OFF state voltage	45 VAC maximum
ON state current	7.5 mA maximum/point @120 VAC
ON state voltage	120 VAC nominal Min. 85 VAC to Max. 132Vac
Nominal input impedance	17.5 kΩ typical
Input signal delay	23ms @ 120 VAC, 123ms @ 120 VAC
Frequency range	60Hz
Common type	1Common per point (Total 8 Commons)

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