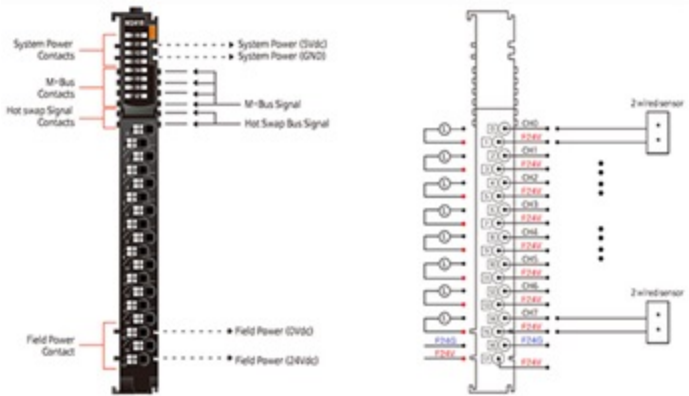




M2418

8 digital outputs

24 VDC (0,5 A)
Transistor SINK
Hotswap
18pt removable terminal block (RTB18C)

Facts

General description

Article number	100-8221
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
	Horisontal, Vertical
Power dissipation	50 mA maximum @ 5.0 VDC
Isolation	I/O to Logic : Photocoupler isolation
Field power	Supply voltage : 24 VDC nominal, Voltage range : 15V - 28.8V, Power dissipation: 30 mA @24 VDC
Weight	72g
Module size	12 x 110 x 75 mm

Certifications

General	CE, FCC, UL, cUL
Hazardous	UL C1D2, ATEX (Zone2)
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 output module specifications

Indicators	8 Green Output status, 8 Red diagnostic state
Outputs per module	8 Points, Sink type
Output current rating	Max. 0.5A per channel / Max. 4A per unit
Output signal delay	OFF to ON : 0.05ms maximum, ON to OFF : 0.4ms maximum
ON state min current	1mA per channel
Output voltage range	Nominal 24 VDC, Min. 15 VDC ~ Max. 28.8 VDC
ON state voltage	Max. 0.5 VDC @ -25°C~60°C
OFF state leakage current	Max. 25 uA
Common type	8 points / 8 COM(Single Common)
Protection	Over Current limit: Min. 2.8A@ 25°C per each channels, Thermal Shutdown : 175°C, Short circuit protection

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