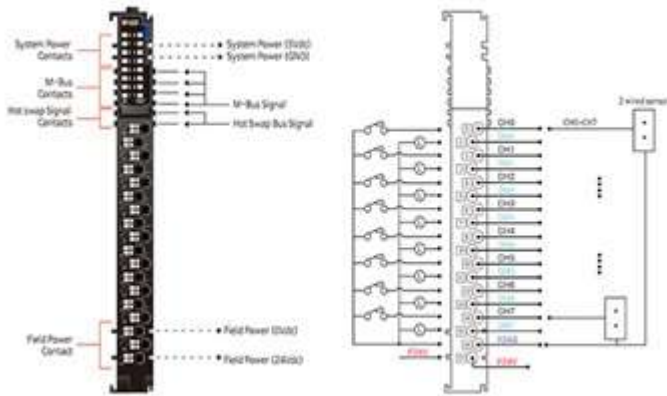




M1428

8 digital input/output

- 24 VDC
- Input (source) and Output (source)
- Combo module
- Diagnostic
- Hotswap
- 18pt removable terminal block (RTB18C)

Facts

General description

Article number	100-8214
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	Horizontal, Vertical
Power dissipation	45 mA maximum @ 5.0 VDC
Isolation	I/O to Logic : Photocoupler isolation
Field power	Supply voltage : 24 VDC nominal, Voltage range : 15~28.8 VDC, Power dissipation : 40 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 input module specifications

Indicators	8 Green input state
Inputs per module	8 Digital input (source)
OFF state voltage	5.0 VDC @ 25°C
ON state current	1mA per channel
ON state voltage	24 VDC nominal, Min. 9 VDC to Max. 28.8 VDC
Input filter	Adjustable, up to 10ms
Nominal input impedance	14.8 kΩ typical
Input signal delay	OFF to ON : 0.2ms Max, ON to OFF : 0.4ms Max

Digital output module specifications

Indicators	8 Green output state
Outputs per module	8 Digital output (source)
Output current rating	Max. 0.5A per channel / Max. 4A per unit
Output signal delay	OFF to ON : 0.1ms maximum ON to OFF : 0.3ms maximum
ON state min current	1mA per channel
Output voltage range	Nominal 24 VDC, Min. 15 VDC to Max. 28.8 VDC
ON state voltage	Max. 0.5 VDC @ -25°C~ 60°C
OFF state leakage current	Max. 10 uA
Field power OFF state voltage	5.0 VDC @ 25°C
Protection	Over Current limit : 1.9A@ 25°C per each channels, Thermal Shutdown : 175°C, Short circuit protection

People & Technology. Connected.

We are a people company. Our experienced, skilled and passionate people empower you to meet your challenges through best-in-class, user-friendly solutions. We are a technology company. We help you optimize processes through our software, hardware and services, and through our support. Connecting people and technologies gives you the means to accomplish your goals and ambitions, and gain a competitive edge in today's digitalized world.

Visiting address HQ: Stora Varvsgatan 13a

SE - 211 75 Malmö, SWEDEN

+46 40 35 86 00 (tel:+46 40 35 86 00).

info@bejerelectronics.com (mailto:info@bejerelectronics.com).