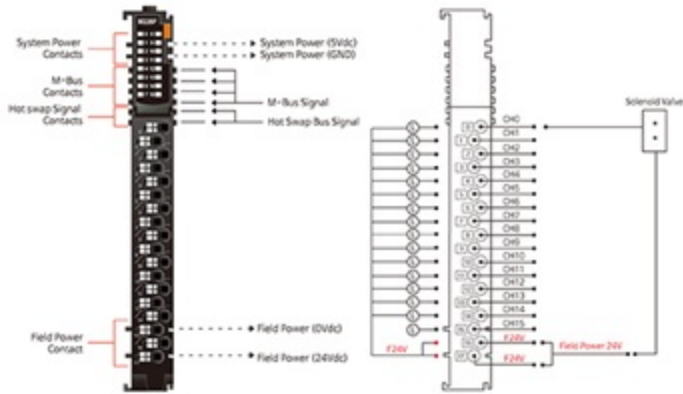




M225F

16 digital outputs

24 VDC (0,3 A)

Transistor SINK

Hotswap

18pt removable terminal block (RTB18C)

Facts

General description

Article number	100-8217
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
Power dissipation	Horizontal, Vertical 40 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: 50 mA maximum @ 28.8 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	16 Green output state
Outputs per module	16 channels Sink type
Output current rating	Max. 0.3A per channel / Max. 4.8A per unit
Output signal delay	OFF to ON : 0.5ms maximum, ON to OFF : 0.5ms 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. 0.3 VDC @ 25°C / 0.5 VDC@ 60°C
OFF state leakage current	Max. 20 uA
Common type	16 channels / 2COM (Single Common)
Protection	Over Current limit: Min. 3.5A@ 25°C per each channels, (VNS3NV04D-E), Thermal Shutdown : Min 3A@ 25°C per each channels, (VNS3NV04D-E, Min 150°C), Short circuit protection

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