

Facts

General description

Article number	100-8021
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), 5 ~ 25 Hz: $\pm 1.6\text{mm}$, 25 ~ 300 Hz: 4G, Sweep rate: 1 octave/min., 20 cycles, Random vibration (based on IEC 60068-2-64), 10 ~ 40 Hz: $0.0125\text{g}^2/\text{Hz}$, 40 ~ 100 Hz: $0.0125 \rightarrow 0.002\text{g}^2/\text{Hz}$, 100 ~ 500 Hz: $0.002 \text{g}^2/\text{Hz}$, 500 ~ 2000 Hz: $0.002 \rightarrow 1.3 \times 10^{-4}\text{g}^2/\text{Hz}$, Test time: 1hrs for each test
Industrial emissions	EN 61000-6-4/A11: 2011
Industrial immunity	EN 61000-6-2: 2019
Product certifications	Horisontal, Vertical CE, UL, cUL, FCC, RoHS, China RoHS, Reach
Power dissipation	0mA @ 5 VDC, Max. 20 mA @ 24 VDC
Weight	60 g
Module size	12x99x70 mm

Environmental

Mounting	35mm DIN rail
Operating temperature	-20 ~ 60°C
Storage temperature	-40 ~ 85°C
UL temperature	-20 ~ 60°C
Relative humidity	5 ~ 90% non-condensing

Power module specifications

Bus output voltage	5 VDC, Operating temperature: -40 ~ 60°C: 1 A, 60 ~ 70°C: 0.4 A Operating temperature: -40 ~ 50°C: Max. 10 A, 50 ~ 70°C: Max. 7 A
Field power voltage	24 VDC
Indicator	3 LEDs, 1 green LED: system power status, 1 green LED: field power status, 1 green LED: internal bus status
Input voltage range	Nominal supply voltage: 24 VDC, Voltage range: 60°C: 18~32 VDC, 70°C: 18~26.4 VDC
Power input voltage	24 VDC

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