



GT-2428

8 digital outputs

24 VDC / 0.5 A

Transistor SOURCE

Diagnostics

Short circuit protection

Over current limit & Thermal shutdown

18pt removable terminal block

Facts

General description

Article number	100-8129
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	Max. 35 mA @ 5 VDC
Isolation	I/O to Logic: Photocoupler isolation, I/O to Field Power: Non-Isolation
Field power	Nominal supply voltage: 24 VDC, Voltage range: 60°C: 18~32 VDC, 70°C: 18~26.4 VDC
Weight	65 g
Module size	12x109x70 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

Digital output module specifications

Indicators	8 green output status
Outputs per module	8 point SOURCE
Output current rating	Max. 0.5 A per channel, Max. 4 A per unit
Output signal delay	OFF to ON: Max. 0.3 ms, ON to OFF: Max. 0.5 ms
ON state min current	Min. 1 mA
Output voltage range	Nominal supply voltage: 24 VDC, Voltage range: 60°C: 18~32 VDC, 70°C: 18~26.4 VDC
ON state voltage	Max. 0.3 VDC @ 25°C, , Max. 0.5 VDC @ 60°C
OFF state leakage current	Max. 20 uA
Common type	8 point / 2 COM
Protection	Over current limit: 3.5 A@ 25°C per channel, Thermal Shutdown: 175°C, Short circuit protection

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