



GT-228F

16 digital outputs

24 VDC / 2 A

Transistor SOURCE

18pt removable terminal block

[Important life cycle dates, read more ->](#)

Facts

General description

Article number	100-8192
Warranty	Up to 2 years
Article status	EOL
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
Installation position	Horisontal, Vertical
Product certifications	CE, UL, cUL, FCC, RoHS, China RoHS, Reach
Power dissipation	Max. 50 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	48 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	16 green output status
Outputs per module	16 point SOURCE
Output current rating	Refer to Specification of network adapter GN-9xxx: Max 2 A per channel / Max 10 A per unit, and GL-9xxx: Max 2 A per channel / Max 8 A per unit.
Output signal delay	OFF to ON: Max. 0.1 ms, ON to OFF : Max. 0.9 ms
ON state min current	Min. 1 mA per channel
Output voltage range	Nominal supply voltage: 24 VDC, Voltage range: 60°C: 18~32 VDC, 70°C: 18~26.4 VDC
ON state voltage	0.15 VDC @ 0.3 A, 0.60 VDC @ 1 A, 1.20VDC @ 2 A
OFF state leakage current	Max. 5 uA
Common type	16 points / 2 COM (Single Common)
Protection	None

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