



GT-2744

4 digital outputs

24/48/110 VDC, 240 VAC

Relay Normally open (NO), Form A, SPST

Max 2 A (load dependent)

10pt removable terminal block

Facts

General description

Article number	100-8010
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
Installation position	Horisontal, Vertical
Product certifications	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	Not used. Field power bypassed to next expansion module.
Weight	40 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

Digital output module specifications

Indicators	4 green output status
Outputs per module	4 point relay
Output current rating	2.0A @ 0 ~ 32 VDC, 0.8 A @ 48VDC, 0.5 A @ 110 VDC, 2.0A @ 240 VAC, -40 ~ 70°C (2 A load 2ch), -40 ~ 60°C (2 A load 4ch)
Output signal delay	OFF to ON: Max. 5 ms @ 24 VDC, ON to OFF: Max. 8 ms @ 24 VDC / OFF to ON: Max. 5 ms @ 220VAC, ON to OFF: Max. 15 ms @ 220VAC
Output voltage range	0 ~ 32 VDC @ 2.0 A resistive load, 48 VDC @ 0.8 A resistive load, 110 VDC @ 0.5 A resistive load, 240 VAC @ 2.0 A resistive load
Relay type	1 pole NO (SPST)
Frequency range	47 ~ 63 Hz
Expected contact life	20 M cycles (resistive load)
Common type	4 points / 2 COM

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