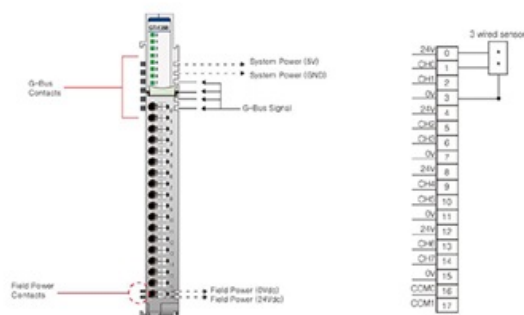


12/23/22, 12:00 AM

GT-1358 - Beijer Electronics



GT-1358

Digital input

8 digital inputs

24VDC

SINK

18pt removable terminal block

Facts

General description

Article number	100-8078
Warranty	2 year
Shock operating	IEC 60068-2-27 (15G)
Vibration resistance	Sine vibration (based on IEC 60068-2-6), 5 ~ 25Hz: $\pm 1.6\text{mm}$, 25 ~ 300Hz: 4G, Sweep rate: 1 octave/min., 20 cycles, Random vibration (based on IEC 60068-2-64), 10 ~ 40Hz: $0.0125\text{g}^2/\text{Hz}$, 40 ~ 100Hz: $0.0125 \rightarrow 0.002\text{g}^2/\text{Hz}$, 100 ~ 500Hz: $0.002 \rightarrow 1.3 \times 10^{-4}\text{g}^2/\text{Hz}$, 500 ~ 2000Hz: $0.002 \rightarrow 1.3 \times 10^{-4}\text{g}^2/\text{Hz}$, Test time: 1hrs for each test
Industrial emissions	EN 61000-6-4/A11: 2011
Industrial immunity	EN 61000-6-2:2005
Product certifications	Horizontal, Vertical CE, UL, FCC, RoHS, China RoHS, Reach
Power dissipation	Max. 35mA @ 5VDC
Isolation	I/O to Logic: Photocoupler isolation, I/O to Field Power: Non-Isolation
Field power	Nominal supply voltage: 24VDC, Voltage range: 60°C: 18~32VDC, 70°C: 18~26.4VDC
Weight	65g
Module size	12x109x70mm

Environmental

Mounting	35mm DIN rail
Operating temperature	-40 ~ 70°C, Degraded performance > 60°C
Storage temperature	-40 ~ 85°C
UL temperature	-20 ~ 60°C
Relative humidity	5 ~ 90% non-condensing

Digital input module specifications

Indicators	8 green input status
Inputs per module	8 point SINK
OFF state voltage	8.3VDC @ 25°C
ON state current	3.0mA / point @ 30VDC
ON state voltage	Nominal supply voltage: 24VDC, Voltage range: 60°C: 18~32VDC, 70°C: 18~26.4VDC
Input filter	Adjustable up to 10ms
Nominal input impedance	6.0kΩ typical
Input signal delay	OFF to ON: 0.3ms, ON to OFF: 0.3ms
Common type	8 point / 5 COM (sink)