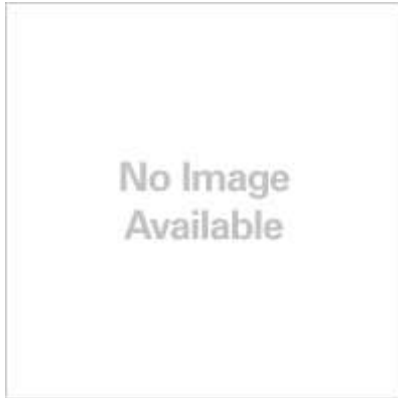


I/O Terminal Socket

G3RZ-201SLN DC24



Image

Input: 24 VDC, Output: 5 to 100 VDC/Output: 5 to 240 VAC, Load current: 100 μ A to 1 A, Plug-in terminal

Product classification	Relay compatible
Zero cross function	Not equipped
Operating indicator	Equipped
Rated voltage	24 VDC
Rated load voltage	5 to 100 VDC 5 to 240 VAC
Load current	100 μ A to 1 A
Terminal structure	Plug-in terminal

Ratings / Performance

As of April 14, 2021

Ratings

Product classification		Relay compatible
Isolation method		Photo volt coupler
Zero cross function		Not equipped
Operating indicator		Equipped
Terminal structure		Plug-in terminal
Mounting		Socket
Input	Rated voltage	24 VDC
	Operating voltage range	19.2 to 28.8 VDC
	Input impedance	2.2 k Ω \pm 20%
	Operate voltage	19.2 VDC max.
	Release voltage	1 VDC min.
Output	Rated load voltage	5 to 100 VDC 5 to 240 VAC
	Load voltage range	3 to 125 VDC 3 to 264 VAC
	Load current	100 μ A to 1 A
	Inrush current resistivity	10 A (10 ms)

Performance

Operate time	6 ms max.
Release time	10 ms max.
Leakage current	10 μ A max. (at 125 VDC)

	100 μ A max. (at 200 VAC)
Insulation resistance	100 M Ω min. (at 500 VDC)
Dielectric strength	Between input and output: 2500 VAC 50/60 Hz 1 min
Vibration resistance	10 to 55 to 10 Hz, 0.75 mm single amplitude (1.5 mm double amplitude)
Shock resistance	1000 m/s ²
Ambient temperature (Operating)	-30 to 85 °C (with no freezing or condensation)
Ambient temperature (Storage)	-30 to 100 °C (with no freezing or condensation)
Ambient humidity (Operating)	45 to 85% RH
Weight	Approx. 20 g

As of April 14, 2021

Outline drawing

As of April 14, 2021

As of April 14, 2021

Connection diagram

As of April 14, 2021

Terminal arrangement and internal connection

As of April 14, 2021

Characteristic chart

As of April 14, 2021

Load current-ambient temperature

Inrush current resistivity (Non-repetitive)

As of April 14, 2021