

**Compact SSRs Ideal for Built-in Applications**

- Vertical, compact SSRs with an operation indicator offered in versatile variations.
- High dielectric strength of 2,500 VAC for 2-A models.
- High-voltage DC version also available.
- Approved by UL and CSA.



**Ordering Information**

Terminals	Isolation	Zero cross function	Indicator	Rated output load (Applicable output load)	Rated input voltage	Model
PCB	Phototriac	Yes		2 A at 100 to 120 VDC (2 A at 75 to 132 VDC) (see note 1)		G3R-102PN-US
		No				G3R-102PLN-US
		Yes		2 A at 100 to 240 VAC (2 A at 75 to 264 VAC) (see note 2)		G3R-202PN-US
		No				G3R-202PLN-US
	Photocoupler	---	Yes	1.5 A at 5 to 110 VDC (1.5 A at 3 to 125 VDC)		G3RD-101PN-US
				2 A at 4 to 48 VDC (2 A at 3 to 52.8 VDC) (see note 3)		G3RD-X02PN-US

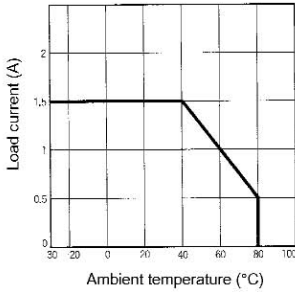
- Note:**
1. Product is labelled "125 VAC".
  2. Product is labelled "250 VAC".
  3. Product is labelled "50 VDC".

# Engineering Data

## Load Current vs. Ambient Temperature Characteristics

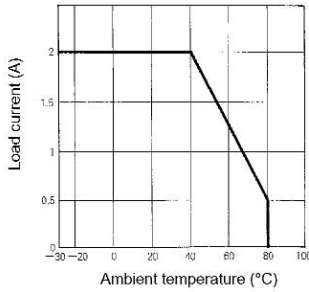
1-A Load Model

G3RD-101PN



2-A Load Model

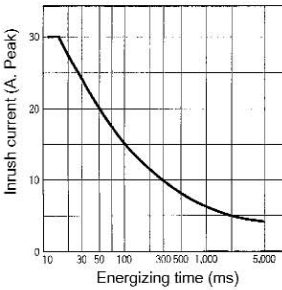
G3R-102□, G3RD-X02□, G3R-202□



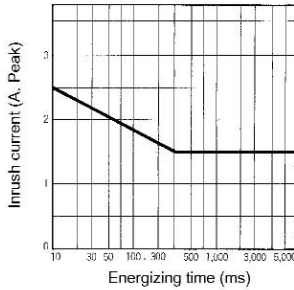
## Inrush Current Resistivity

Non-repetitive (Keep the inrush current to half the rated value if it occurs repetitively.)

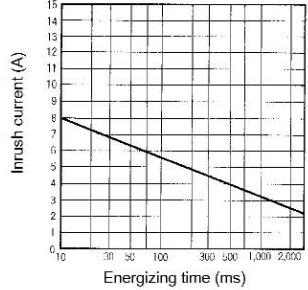
G3R-102□/-202□



G3RD-101PN



G3RD-X02□



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