## Quick-connect Terminal (#187)

		Number of poles	1-pole		
Classification	Enclosure rating	Contact form	Model	Rated coil voltage	
Standard	Unsealed			12, 24, 100/(110) VAC	
		NO	G2R-1A-T	200/(220) VAC	
		140	GZN-TA-T	5, 6, 12, 24, 48 VDC	
				100 VDC	
				12, 24, 100/(110) VAC	
		NO/NC	G2R-1-T	200/(220) VAC	
		NO/NC	G2N-1-1	5, 6, 12, 24, 48 VDC	
				100 VDC	

### ● Full-wave Rectifier

		Number of poles	1	-pole	2-pole		
Classification	Enclosure rating	Contact form	Model	Rated coil voltage	Model	Rated coil voltage	
Standard	Flux protection	NO	G2R-1A-Z	5, 12, 24 VDC	G2R-2A-Z	5, 6, 12, 24, 48 VDC	
		NO	G2N-1A-2	100 VDC	GZN-ZA-Z	100 VDC	
		NO/NC	G2R-1-Z	5, 12, 24, 48 VDC	G2R-2-Z	12, 24, 48 VDC	
		NO/NO	G2H-1-2	100 VDC	G2N-2-2	100 VDC	
	Fully sealed	NO	G2R-1A4-Z	5, 12, 48 VDC	G2R-2A4-Z	24, 48 VDC	
		NO		100 VDC	G2N-2A4-2	100 VDC	
		NO/NC	G2R-14-Z	5, 12, 24, 48 VDC	G2R-24-Z	5, 12, 24 VDC	
		NO/NC	G2N-14-Z	100 VDC	G2N-24-2	100 VDC	
High-capacity	Flux protection	NO	G2R-1A-EZ	5, 12, 24 VDC			
		INO	GZN-TA-EZ	100 VDC		-	
		NO/NC	G2R-1-EZ	12, 24, 48 VDC			

# ● For Ultrasonically Cleanable

	Number of poles			1-pole	2-pole		
Classification	Enclosure rating	ure rating Contact form		Rated coil voltage	Model	Rated coil voltage	
			G2R-1A4-U	12, 24, 100/(110) VAC		100/(110) VAC	
Standard		NO		200/(220) VAC	G2R-2A4-U		
				5, 6, 12, 24, 48 VDC		5, 12, 24 VDC	
	Fully sealed	NO/NC	G2R-14-U	100/(110) VAC 200/(220) VAC		24, 100/(110) VAC 200/(220) VAC	
				5, 12, 24, 48 VDC	G2R-24-U	5, 12, 24, 48 VDC	
				100 VDC		100 VDC	

Note: When ordering, add the rated coil voltage to the model number.

Example: G2R-1A-T AC12

Rated coil voltage

However, the notation of the coil voltage on the product case as well as on the packing will be marked as  $\square\square$  VAC.

### **■**Ratings

### ● Coil

Item		Rated current (mA)		Coil resistance (Ω)	Must operate voltage (V)	Must release voltage (V)	Max. voltage (V)	Power consumption
Classification Rated voltage		50 Hz 60 Hz			% of rated voltage			(VA, W)
Standard	12 VAC	93	75	65		30% min.	140% (at 23°C)	Approx. 0.9
Quick-connect	24 VAC	46.5	37.5	260	80% max.			
Fully sealed     High senseits	100/(110) VAC	11	9/(10.6)	4,600				(60 Hz)
High-capacity	200/(220) VAC	5.5	4.5/(5.3)	20,200				
	5 VDC	106		47	- 70% max.	15% min.	170% (at 23°C)	Approx. 0.53
Standard	6 VDC	88.2		68				
High-capacity     Bifurcated contact	12 VDC	43.6		275				
Quick-connect	24 VDC	21.8		1,100				
Fully sealed	48 VDC	11.5		4,170				
	100 VDC	5.3		18,870				
	5 VDC	71.4		70		15% min.	170% (at 23°C)	
High-sensitivity	6 VDC	60		100				
	12 VDC	30		400	70% max.			Approx. 0.36
	24 VDC	15		1,600				1
	48 VDC		7.5	6,400				

- Note 1. The rated current and coil resistance are measured at a coil temperature of 23°C with a tolerance of+15%/-20% (AC rated current) or ±10% (DC coil resistance).
  - 2. AC coil resistances shown above are only reference values.
  - 3. The operating characteristics are measured at a coil temperature of 23°C.
  - 4. The "Max. voltage" is the maximum voltage that can be applied to the relay coil.

### ● Coil: Double-winding Latching Relays

Item	Set Coil		Reset coil		Must set voltage (V)	Must reset voltage (V)	Max. voltage (V)	Power consumption	
Rated voltage	Rated current (mA)	Coil resistance (Ω)	Rated current (mA)	Coil resistance (Ω)	% of rated voltage			Set Coil (mW)	Reset coil (mW)
5 VDC	167	30	119	42					
6 VDC	138	43.5	100	60	70% max.	70% max.	% max. 140% (at 23°C)	Approx. 850	Approx. 600
12 VDC	70.6	170	50	240					
24 VDC	34.6	694	25	960					

- Note 1. The rated current and coil resistance are measured at a coil temperature of 23°C with a tolerance of ±10%.
  - 2. The operating characteristics are measured at a coil temperature of 23°C.
  - 3. The "Max. voltage" is the maximum voltage that can be applied to the relay coil.