● Quick-connect Terminal (#187)

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

● Full-wave Rectifier

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

● For Ultrasonically Cleanable

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

■Ratings

● Coil

Classification	Item / Rated voltage	Rated current (mA) 50 Hz	Rated current (mA) 60 Hz	Coil resistance (Ω)	Must operate voltage (V)	Must release voltage (V)	Max. voltage (V)	Power consumption (VA, W)
					% of rated voltage			
• Standard • Quick-connect • Fully sealed • High-capacity	12 VAC	93	75	65	80% max.	30% min.	140% (at 23°C)	Approx. 0.9 (60 Hz)
	24 VAC	46.5	37.5	260				
	100/(110) VAC	11	9/(10.6)	4,600				
	200/(220) VAC	5.5	4.5/(5.3)	20,200				
• Standard • High-capacity • Bifurcated contact • Quick-connect • Fully sealed	5 VDC	106		47	70% max.	15% min.	170% (at 23°C)	Approx. 0.53
	6 VDC	88.2		68				
	12 VDC	43.6		275				
	24 VDC	21.8		1,100				
	48 VDC	11.5		4,170				
	100 VDC	5.3		18,870				
• High-sensitivity	5 VDC	71.4		70	70% max.	15% min.	170% (at 23°C)	Approx. 0.36
	6 VDC	60		100				
	12 VDC	30		400				
	24 VDC	15		1,600				
	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 / Rated voltage	Set Coil Rated current (mA)	Set Coil Coil resistance (Ω)	Reset coil Rated current (mA)	Reset coil Coil resistance (Ω)	Must set voltage (V)	Must reset voltage (V)	Max. voltage (V)	Power consumption Set Coil (mW)	Power consumption Reset coil (mW)
					% of rated voltage				
5 VDC	167	30	119	42	70% max.	70% max.	140% (at 23°C)	Approx. 850	Approx. 600
6 VDC	138	43.5	100	60					
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.