



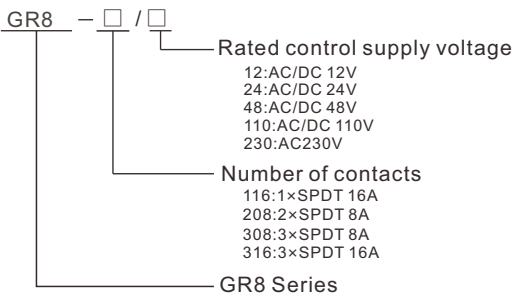
Applications

-intermediate relay used for switching larger load output, strengthen or multiplying contacts of the existing device.

Feature

- Voltage range: AC/DC 12V, 24V, 48V, 110V, AC230V.
- relays GR8-316 enable connection to a 3-phase circuit.
- Relay status is indicated by LED.
- 1-MODULE, DIN rail mounting.

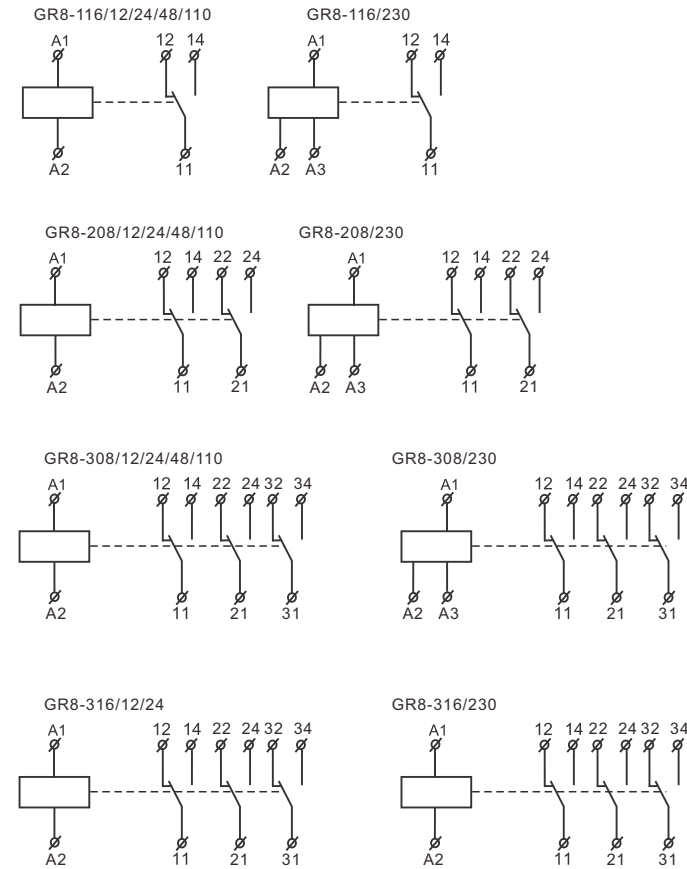
Model and connotation



Technical parameters

	GR8-116		GR8-208	GR8-308	GR8-316
Supply terminals			A1-A2		A1-A2
Voltage range	AC/DC 12V、24V、48V、110V				AC/DC 12V、24V
Burden	AC.max 12VA/DC.max1.9W				
Supply terminals	A1-A2-A3				A1-A2
Voltage range	AC230V(A1-A2),AC/DC24V(A1-A3)				AC230V
Burden	AC.max 12VA/DC.max1.9W				AC.max 6VA
Supply voltage tolerance	-15%;+10%				
Max.chargeover time	40ms				
Output					
Number of contact	1×SPDT	2×SPDT	3×SPDT		3×SPDT
Current rating	16A/AC1	8A/AC1			16A/AC1
Switching voltage	250VAC/24VDC				
Min.breaking capacity DC	500mW				
Output indication	Red LED				
Mechanical life	1×10 ⁷				
Electrical life(AC1)	1×10 ⁵				
Reset time	max.200ms				
Operating temperature	-20°C to +55°C (-4°F to 131°F)				
Storage temperature	-35°C to +75°C (-22°F to 158°F)				
Mounting/DIN rail	Din rail EN/IEC 60715				
Protection degree	IP40 for front panel/IP20 terminals				
Operating position	any				
Overvoltage cathegory	III.				
Pollution degree	2				
Max.cable size(mm ²)	solid wire max.1×2.5or 2×1.5/with sleeve max.1×2.5(AWG 12)				
Dimensions	90×18×64mm				
Weight	44g/54g	50g/60g	72g/82g	86g/96g	

Wiring Diagram



Dimensions(mm)

