

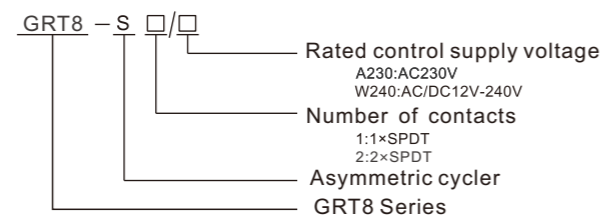
Applications

-It is used for regular room ventilation, cyclic dehumidification, light control, circulating pumps, noon signs, etc.

Feature

- 2 time functions:
 - Cycler beginning with pulse
 - Cycler beginning with pause
- Function choice is done by an external jumper of terminals S-A1.
- Time scale 0.1 s - 100 days divided into 10 time ranges:
(0.1 s - 1 s / 1 s - 10 s / 0.1 min - 1 min / 1 min - 10 min / 0.1 hrs - 1 h / 1 hrs - 10 hrs / 0.1 day - 1 day / 1 day - 10 days / 3 days - 30 days / 10 days - 100 days).
- Relay status is indicated by LED.
- 1-MODULE, DIN rail mounting.

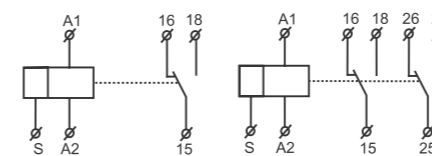
Model and connotation



Technical parameters

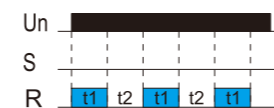
	GRT8-S1	GRT8-S2
Function	Asymmetric cycler time relay	
Supply terminals	A1-A2	
Voltage range	W240	AC/DC 12-240V(50-60Hz)
Burden	AC 0.09-3VA/DC 0.05-1.7W	
Voltage range	A230	AC 230V(50-60Hz)
Power input	AC max.6VA/1.3W	AC max.6VA/1.9W
Supply voltage tolerance	-15%;+10%	
Supply indication	green LED	
Time ranges	0.1s-10days	
Time setting	potentionmeter	
Time deviation	10%-mechanical setting	
Repeat accuracy	0.2%-set value stability	
Temperature coefficient	0.05%/°C, at=20°C(0.05°F, at=68°F)	
Output	1×SPDT	2×SPDT
Current rating	1×16A(AC1)	2×16A(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.1×2.5 or 2×1.5 / with sleeve max.1×2.5 (AWG 12)	
Dimensions	90×18×64mm	
Weight	1×SPDT: W240-62g, A230-61g 2×SPDT: W240-82g, A230-82g	
Standards	EN 61812-1, IEC60947-5-1	

Wiring Diagram

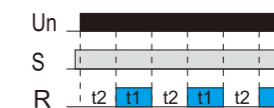


Functions Diagram

Cycler beginning with pulse



Cycler beginning with pause(jumper A1-S)



Dimensions(mm)

