



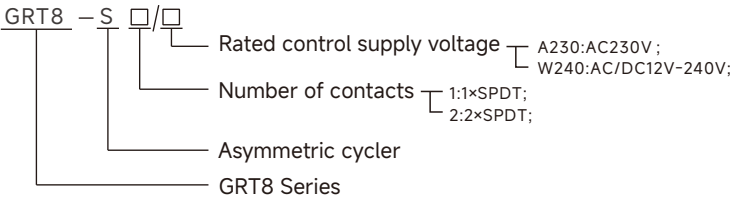
Applications

- 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 devided 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.

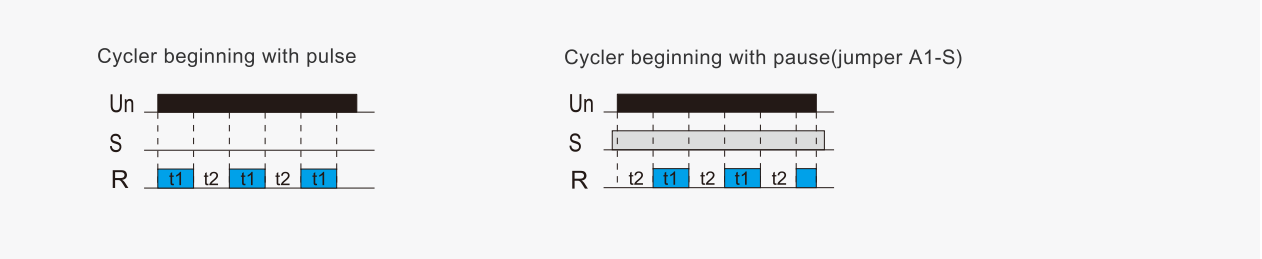
Model and connotation



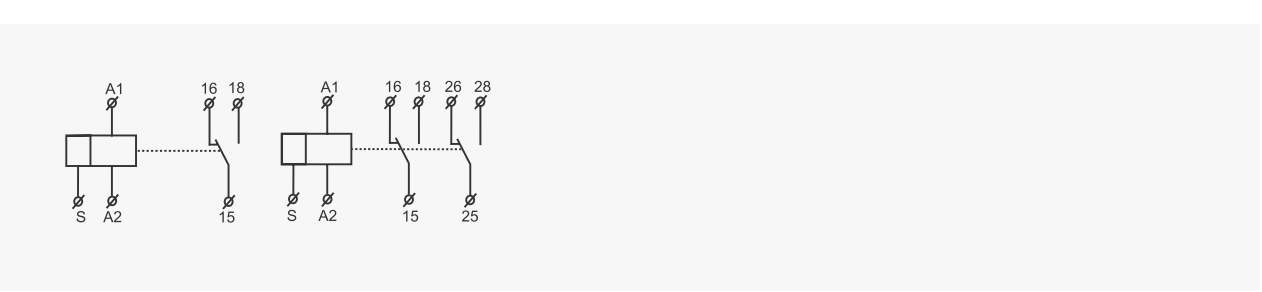
Technical parameters

		GRT8-S1	GRT8-S2
Function		Asymmetric cycler time relay	
Supply terminals		A1-A2	
Voltage range	W240	AC/DC 12-240V(50-60Hz)	
Burden		AC 0.7-3VA/DC 0.5-1.7W	
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-100days	
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 X SPDT	2 X SPDT
Current rating		1 X 16A(AC1)	2 X 16A(AC1)
Switching voltage		250VAC/24VDC	
Min.breaking capacity DC		500mW	
Output indication		Red LED	
Mechanical life		1x10 ⁷	
Electrical life(AC1)		1x10 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 category		III	
Pollution degree		2	
Max.cable size(mm ²)		solid wire max.1x2.5 or 2x1.5/with sleeve max.1x2.5(AWG 12)	
Dimensions		90x18x64mm	
Weight		1XSPDT:W240-62g, A230-61g	
		2XSPDT:W240-82g, A230-82g	
Standards		EN 61812-1,IEC6947-5-1	

Functions Diagram



Wiring Diagram



Dimensions(mm)

