Asymmetric cycler time relay JART8-S
Instruction Manual

SAURÍ

General

■Applications

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

■Function Features

-2 time functions:

-Cycler beginning with pulse

-Cycler beginning with pause

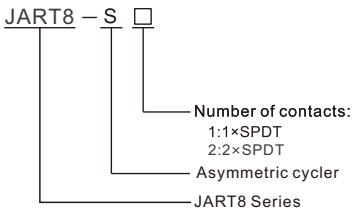
-Function choice is done by an external jumper of terminals S-A1.

-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.

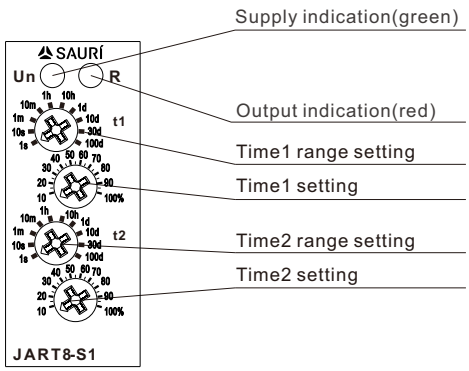
■Model and connotation



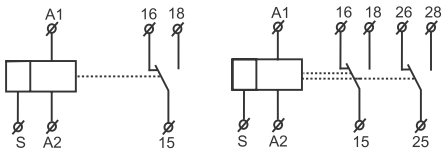
Technical parameters

Technical parameters	JART8-S1	JART8-S2
Function	Asymmetric cycler time relay	
Supply terminals	A1-A2	
Voltage range	AC/DC 12-240V(50-60Hz)	
Burden	AC 0.09-3VA/DC 0.05-1.7W	
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 coecient	0.05%/℃,at=20℃(0.05%℉, at=68℉)	
Output	1×SPDT	2×SPDT
Current rating	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℃ to +55℃ (-4℉ to 131℉)	
Storage temperature	-35℃ to +75℃ (-22℉ to 158℉)	
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)	
Tightening torque	0.4Nm	
Dimensions	90×18×64mm	
Weight	63g	83g
Standards	EN 61812-1,IEC60947-5-1	

Panel Diagram

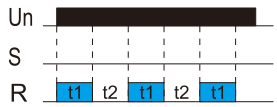


Wiring Diagram

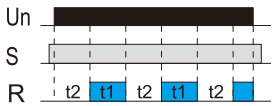


Functions Diagram

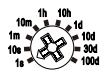
Cycler beginning with pulse



Cycler beginning with pause(jumper A1-S)

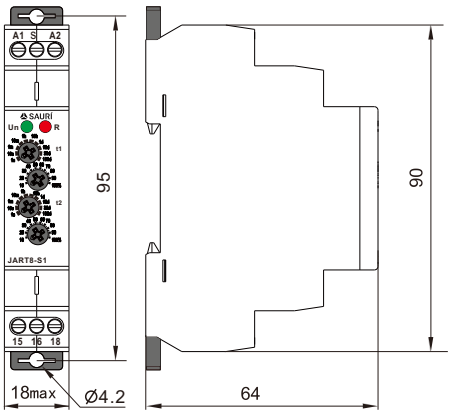


Setting instructions

	Knob 1: delay gear setting, “s” for second, “m” for minute, “h” for hour, “d” for day.
	Knob 2: fine adjustment of delay time, 10% ~ 100% adjustable.

Delay time = knob 1 × knob 2.
Example 1: it needs to be set for 5 seconds. You can set knob 1 to 10s, knob 2 to 50%, and delay time = 10s × 50% = 5s.
Example 2: it needs to be set for 8 minutes. You can set knob 1 to 10m, knob 2 to 80%, and delay time = 10m × 80% = 8m.

Dimensions(mm)



Disposal of Electrical Waste
All electrical waste should be disposed of in compliance with current WEEE regulations.

Caution
The products must be installed by qualified electricians. All and any electrical connections of the product shall comply with the appropriate safety standards.