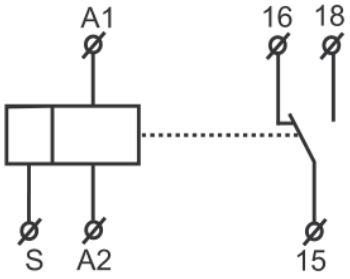
SHANGHAI NEWTREND ELECTRIC CO., LTD.
No. 618 North Huting Road | 201615 | Shanghai | China
Tel / WhatsApp: +86-18019187010 | sales@sntelec.com | www.sntelec.com

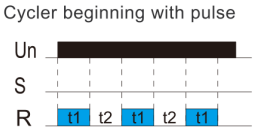
RT8-S1 Asymmetric Cycler Timer Relay

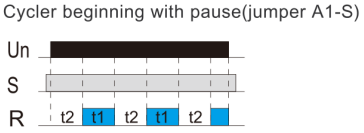
NewTrend RT8-S1 provides repeated ON/OFF cycles with independently adjustable t1 and t2 intervals. An external jumper between S and A1 selects a cycle beginning with a pulse or a pause. The 18mm DIN-rail housing has 1 SPDT output contacts and separate supply and output indicators. Choose AC/DC 12-240V (W240) or AC 230V (A230) control supply.

Parameter	Specification
Model	RT8-S1
Output contacts	1 SPDT
A230 power input	AC maximum 6VA / 1.3W
Weight	W240: 63g; A230: 62g
Function	Asymmetric cycler; pulse-start or pause-start
Supply terminals	A1-A2
Control supply options	W240: AC/DC 12-240V; A230: AC 230V; 50-60Hz
Supply tolerance	-15% to +10%
W240 burden	AC 0.09-3VA / DC 0.05-1.7W
Supply indication	Green LED
Time setting	Independent t1 and t2; range selector and 10%-100% potentiometer
Marked time ranges	1s, 10s, 1min, 10min, 1h, 10h, 1day, 10days, 30days, 100days
Time setting deviation	10% with mechanical adjustment
Repeat accuracy	0.2% of set value
Temperature coefficient	0.05%/degree C at 20 degrees C
Contact rating	16A, AC-1
Switching voltage	250VAC / 24VDC
Minimum DC breaking power	500mW
Output indication	Red LED
Mechanical life	10,000,000 operations
Electrical life (AC-1)	100,000 operations
Reset time	Maximum 200ms
Operating temperature	-20 to +55 degrees C
Storage temperature	-35 to +75 degrees C
Mounting	DIN rail to EN/IEC 60715
Protection	IP40 front panel; IP20 terminals
Operating position	Any
Overvoltage category	III
Pollution degree	2
Maximum conductor size	Solid: 1 x 2.5mm2 or 2 x 1.5mm2; with sleeve: 1 x 2.5mm2 (AWG 12)
Terminal tightening torque	0.4Nm
Body dimensions	90 x 18 x 64mm
Referenced standards	EN 61812-1; IEC 60947-5-1

Connections and operation

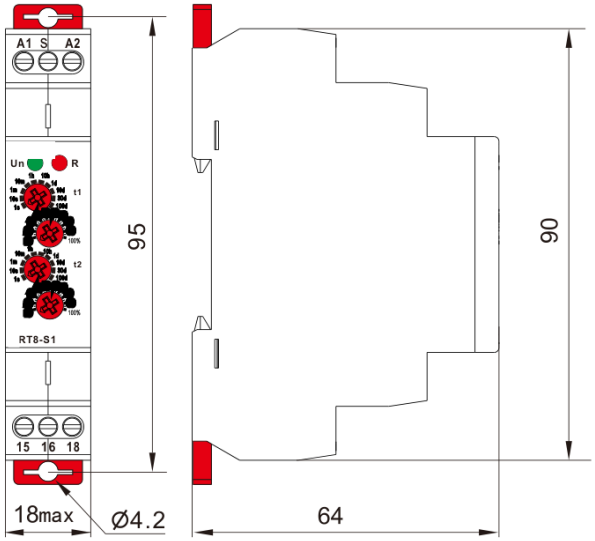


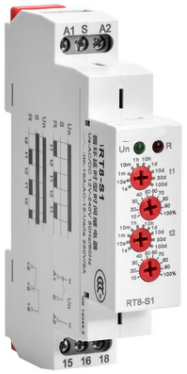




A1-A2: supply. S: function control. Without the A1-S jumper, cycling begins with a pulse. With the A1-S jumper, cycling begins with a pause. Contacts: 15 common, 16 normally closed, 18 normally open.

Dimensions and adjustment





Set t1 and t2 independently. Each interval equals its range setting multiplied by its fine-adjustment percentage. Example: 10s x 50% = 5s; 10min x 80% = 8min.

Housing: 90 x 18 x 64mm. Overall height: 95mm. Fixing holes: 4.2mm.

RT8-S1 housing dimensions.

Installation

Install and wire only by qualified electricians in accordance with applicable safety standards. Isolate the circuit before wiring. Use the appropriate electrical-waste collection and recycling route.