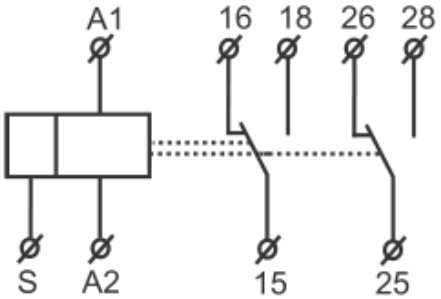
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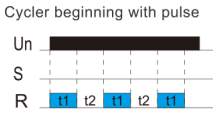
RT6-S2 Asymmetric Cycler Timer Relay

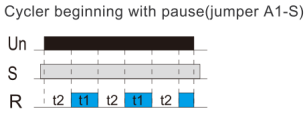
NewTrend RT6-S2 provides repeated ON/OFF cycles with independently adjustable t1 and t2 intervals. An external jumper between S and A1 selects a cycle beginning with a pulse or a pause. The 18mm DIN-rail housing has 2 SPDT output contacts and separate supply and output indicators. Choose AC/DC 24-240V (S240) or AC 230V (A230) control supply.

Parameter	Specification
Model	RT6-S2
Output contacts	2 SPDT
A230 power input	AC maximum 6VA / 1.9W
Weight	S240: 83g; A230: 82g
Function	Asymmetric cycler; pulse-start or pause-start
Supply terminals	A1-A2
Control supply options	S240: AC/DC 24-240V; A230: AC 230V; 50-60Hz
Supply tolerance	-15% to +10%
S240 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	10A (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



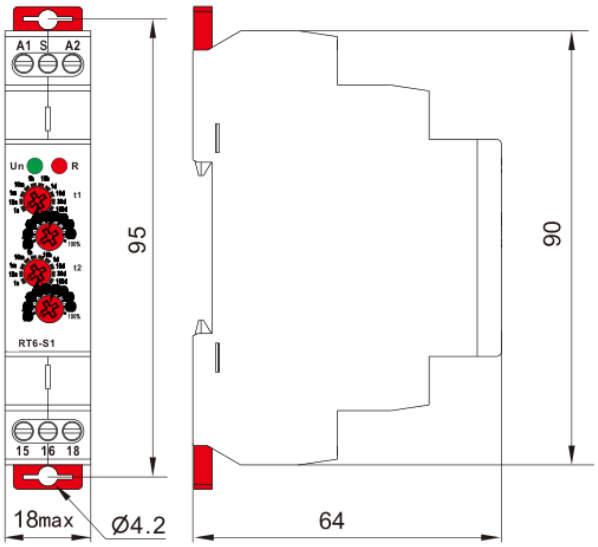


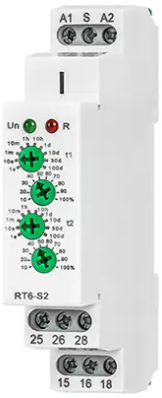


With S-A1 open, the cycle starts with an output pulse t1, followed by the pause t2. The sequence repeats while supply remains applied.

With S-A1 linked, the cycle starts with pause t2, followed by pulse t1. The two intervals remain independently adjustable.

Dimensions and adjustment





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

Common housing dimensions; RT6-S1 front view shown.

Set t1 and t2 independently using their range selectors and 10%-100% fine adjustment. Leave S-A1 open for pulse-first cycling or link S-A1 for pause-first cycling. Each interval equals its selected range multiplied by its fine adjustment.

Installation

Installation and wiring must be performed by qualified electricians in accordance with applicable safety standards. Isolate the circuit before wiring and use the appropriate electrical-waste collection route.