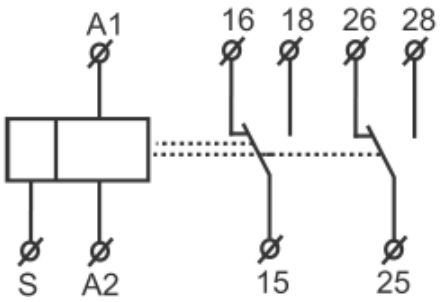
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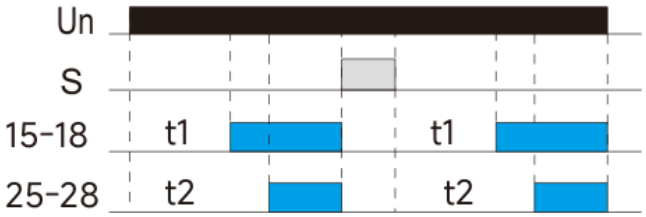
RT6-2T Double On-Delay Timer Relay

NewTrend RT6-2T combines two independently adjustable on-delay outputs in one 18mm DIN-rail module. Each interval t1 and t2 can be set from 0.1 seconds to 10 days, with ON and OFF settings. The two SPDT outputs support staged switching in control circuits.

Parameter	Specification
Model	RT6-2T
Output contacts	2 SPDT
AC power input	AC maximum 6VA / 1.9W
Weight	S240: 67g; A230: 70g
Function	Two independently adjustable on-delay outputs
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 0.7-3VA / DC 0.5-1.7W
Supply indication	Green LED
Time setting	Independent range selectors and potentiometers
Timing range	t1 and t2: 0.1s-10days; ON; OFF
Marked time ranges	1s, 10s, 1min, 10min, 1h, 10h, 1day, 10days; ON; OFF
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

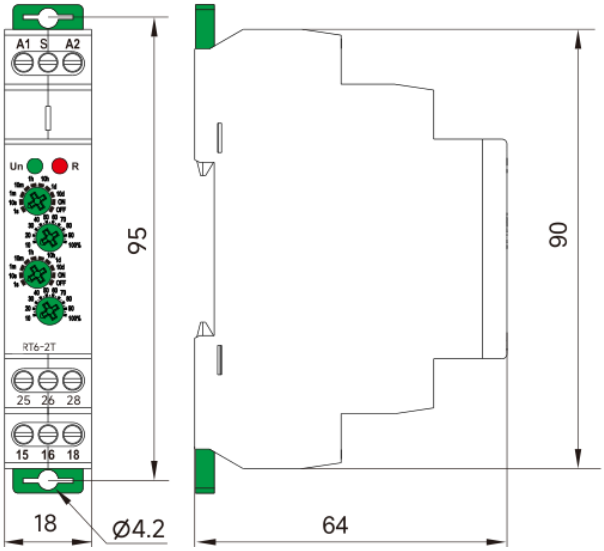
Connections and operation

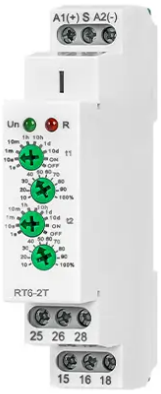




The two outputs start timing together after supply connection. Output 15-18 transfers after t1; output 25-28 transfers after t2. The S input restarts both timing sequences as shown in the timing chart.

Dimensions and adjustment





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

RT6-2T housing dimensions.

Set t1 and t2 independently using each range selector and its 10%-100% fine-adjustment knob. Each delay equals range multiplied by percentage. ON holds the applicable output on; OFF holds it off. Refer to the timing chart for control-input operation.

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.