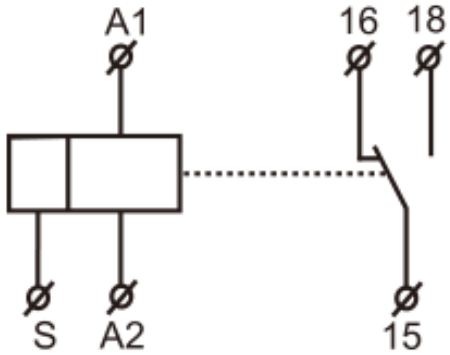
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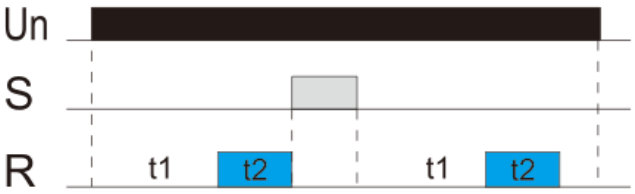
RT6-P1 Delayed Pulse-Output Timer Relay

NewTrend RT6-P1 generates a timed output pulse after an adjustable initial delay. Set the delay t1 and pulse duration t2 independently using their range selectors and fine-adjustment knobs. Linking S-A1 resets the delay sequence. The relay has 1 SPDT output contacts and an 18mm DIN-rail housing.

Parameter	Specification
Model	RT6-P1
Output contacts	1 SPDT
A230 power input	AC maximum 6VA / 1.3W
Weight	S240: 53g; A230: 65g
Function	Output pulse after an independently adjustable delay
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 t1/t2 range selectors and 10%-100% potentiometers
Timing scales	0.1s-100days; independent t1 and t2
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

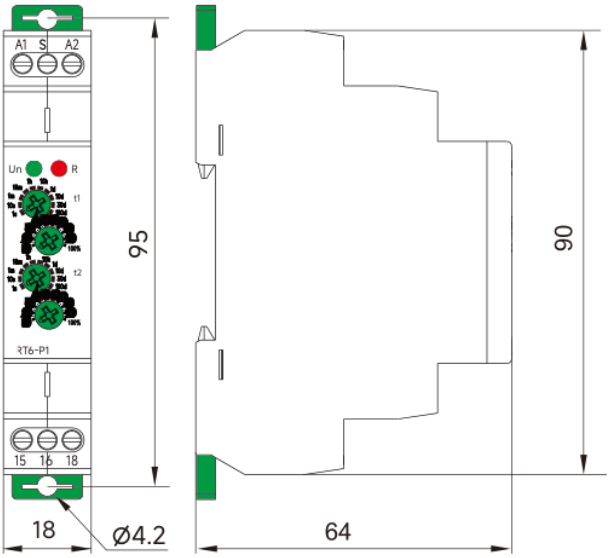


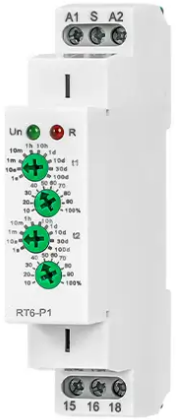


After the supply is applied, the relay waits for t1, then operates its output contacts for t2 before they return to their rest state.

Shorting S-A1 resets the delay sequence. Maintain the supply and use the control input as shown in the timing diagram.

Dimensions and adjustment





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

Common housing dimensions; RT6-P1 front view shown.

Set the initial delay t1 and the output pulse duration t2 separately. Use the S-A1 input to reset timing as shown in the connection and timing diagrams. Each interval equals its selected range multiplied by its 10%-100% 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.