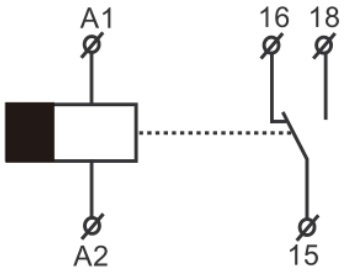
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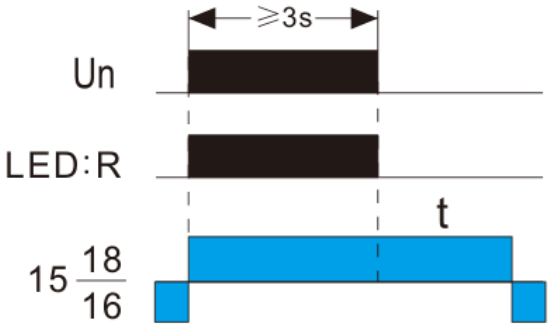
RT8-D Power-Off Delay Timer Relay

The NewTrend RT8-D maintains its output for an adjustable interval after the control supply is removed. It provides a 0.1-second to 10-minute power-off delay, one changeover contact and a universal AC/DC 12-240V supply in an 18mm DIN-rail housing. Apply power for at least 3 seconds before a power-off timing cycle.

Parameter	Specification
Model	RT8-D
Function	Power-off delay without an external supply during the delay interval
Control supply	AC/DC 12-240V; 50/60Hz for AC; terminals A1-A2
Control-supply code	W240
Supply tolerance	-15% to +10%
Timing range	0.1s-10min
Range settings	1s, 10s, 100s and 10min; fine adjustment 10%-100%
Minimum energization	3s before supply removal
Output contacts	1 SPDT (1 changeover): common 15, NC 16, NO 18
Contact current	16A, AC-1
Switching voltage	250VAC / 24VDC
Minimum DC switching power	500mW
Power consumption	AC 0.09-3VA; DC 0.05-1.5W
Supply / output indication	Green / red LED
Time setting	Rotary range selector and fine-adjustment potentiometer
Time-setting deviation	10% (mechanical setting)
Repeat accuracy	0.2% set-value stability
Temperature coefficient	0.05% per degree C at 20 degrees C
Mechanical / electrical life	1 x 10^6 / 5 x 10^4 operations (electrical life at AC-1)
Reset time	Maximum 200ms
Operating temperature	-20 to +55 degrees C
Storage temperature	-35 to +75 degrees C
Mounting	35mm DIN rail; EN/IEC 60715; any operating position
Ingress protection	IP40 front panel; IP20 terminals
Overvoltage category / pollution degree	III / 2
Conductors	Solid: maximum 1 x 2.5mm2 or 2 x 1.5mm2; ferruled: maximum 1 x 2.5mm2 (AWG12)
Terminal torque	0.8Nm
Dimensions	90 x 18 x 64mm body; 95mm overall mounting height; 4.2mm fixing holes
Mass	69g
Reference standards	EN 61812-1; IEC 60947-5-1

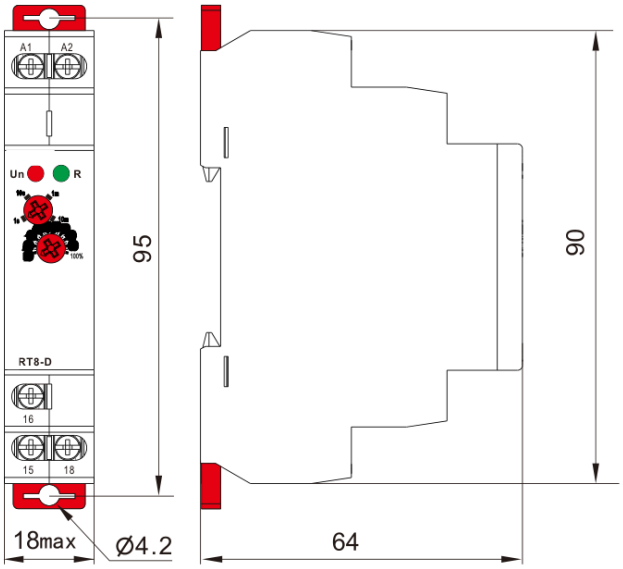
Connections and operation





A1-A2: control supply. 15: common; 16: normally closed; 18: normally open. Energize the relay for at least 3 seconds. After the supply is removed, the energized output is retained for the adjusted delay t.

Dimensions and setting





Use only the four marked range positions: 1s, 10s, 100s and 10min. Fine-adjust the second knob from 10% to 100%. Delay = range setting x percentage setting. For 5s, select 10s and 50%; for 8min, select 10min and 80%. If a range selector is set between marked positions, the red LED flashes. Remove power for 30 seconds before resetting the range. Body: 90 x 18 x 64mm. Overall mounting height: 95mm. Fixing holes: 4.2mm.

Installation

Installation and electrical connections must be carried out by qualified electricians in accordance with the applicable safety standards. Isolate the circuit before wiring. Dispose of electrical waste through the applicable collection and recycling route.