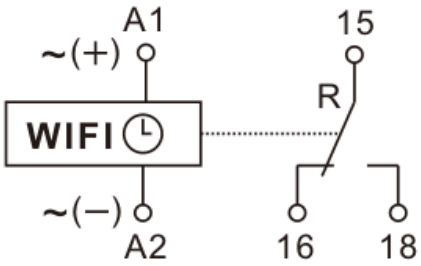
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RT8-WS Wi-Fi Time-Control Relay

NewTrend RT8-WS controls scheduled load switching through the Tuya Smart app and also provides a front ON/OFF button. Set regular on/off times and cyclic switching during an on period through the app. The 18mm DIN-rail relay has one SPDT output rated 16A AC-1 and uses an AC/DC 110-240V control supply.

Parameter	Specification
Model	RT8-WS
Function	App-scheduled and manual load switching
Supply terminals	A1-A2
Control supply	N240: AC/DC 110-240V; source manual specifies 50Hz
Supply burden	AC 0.09-3VA / DC 0.05-1.7W
Supply tolerance	-15% to +10%
Supply indication	Green LED
Time setting	Tuya Smart app
Time deviation	±30 seconds, as specified in the manual
Output contacts	1 SPDT
Contact rating	16A (AC-1)
Minimum DC breaking power	500mW
Output indication	Red LED
Mechanical life	10,000,000 operations
Electrical life (AC-1)	100,000 operations
Operating temperature	-20 to +55 degrees C
Storage temperature	-35 to +75 degrees C
Mounting	DIN rail to EN/IEC 60715
Protection	IP20
Operating position	Any
Overvoltage category	III
Pollution degree	2
Maximum conductor size	1 x 2.5mm2 or 2 x 1.5mm2
Terminal tightening torque	0.4Nm
Body dimensions	90 x 18 x 64mm
Weight	62g
Referenced standards	GB/T 14048.5; IEC 60947-5-1; EN 61812-1

Connections and operation

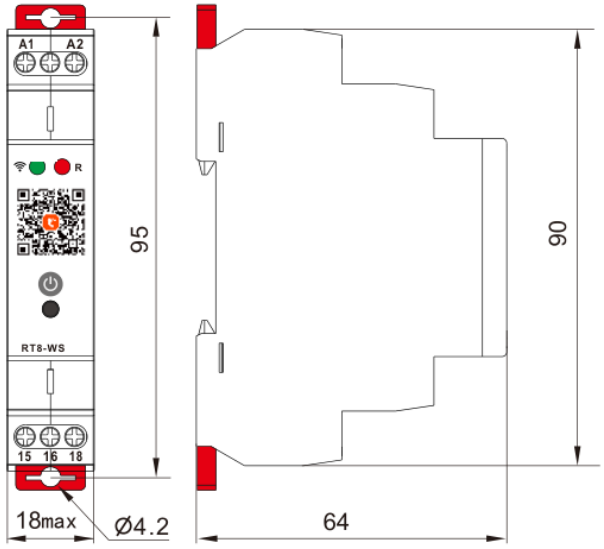




Set scheduled on/off times and cyclic switching within the on period through Tuya Smart. The manual does not specify an offline schedule-retention period or app-service guarantee.

The front button controls the output manually; holding it for 5 seconds starts Wi-Fi pairing. Select a suitable external contactor where the actual load requires one.

Dimensions and adjustment





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

RT8-WS housing dimensions.

Obtain Tuya Smart from the official app store. Hold the front power button for 5 seconds to enter Wi-Fi configuration; the Wi-Fi indicator flashes. Add the relay through the app prompts. The front button also provides manual ON/OFF control. Hold it for 5 seconds to reconfigure the Wi-Fi connection.

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.