

General

■ Applications

-It turns on and o the load periodically and regularly, and usually controls household equipment such as lights and appliances.

■ Function Features

-Support access to Tuya's App Tuya smart.
-The on and o time of the load can be conveniently set through the App.
-On and o can be controlled manually.
-The cycle on / o can be set during the on time.
-DIN rail mounting.

■ Model and connotation

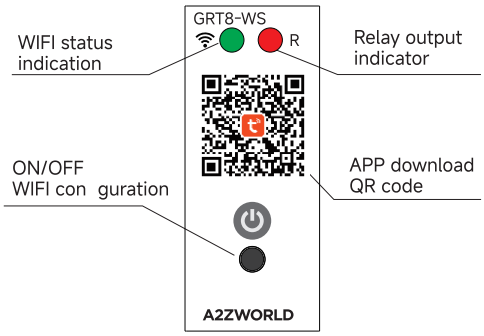
GRT8 — WS / □

- Rated control supply voltage: N240:AC/DC110V-240V
- WiFi time-control relay
- GRT8 Series

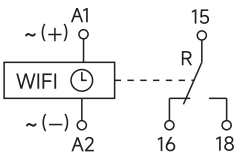
Technical parameters

	GRT8-WS
Function	WiFi time-control relay
Supply terminals	A1-A2
Voltage range	AC/DC 110-240V 50Hz
Burden	AC 0.7-3VA/DC 0.5-1.7W
Supply voltage tolerance	-15%;+10%
Supply indication	green LED
Time setting	APP
Time deviation	±30s
WIFI connectivity	802.11 b/g/n 2.4GHz
Output	1× SPDT
Current rating	16A/AC1
Min.breaking capacity DC	500mW
Output indication	red LED
Mechanical life	1×10^{7}
Electrical life(AC1)	1×10^{5}
Operating temperature	-20°C ~ +55°C
Storage temperature	-35°C ~ +75°C
Mounting/DIN rail	Din rail EN/IEC 60715
Protection degree	IP20
Operating position	any
Overvoltage cathegory	III.
Pollution degree	2
Max.cable size(mm^2)	$1\times2.5mm^2$ or $2\times1.5mm^2$ 0.4N·m
Dimensions	90mm×18mm×64mm
Weight	62g
Standards	GB/T14048.5,IEC60947-5-1,EN 61812-1

Panel Diagram



Wiring Diagram



Networking settings

1.Install App

You can scan this QR code to download Tuya Smart, or search for Tuya Smart in the App store to download this App.

2.Add device

First use, or if you need to restore the factory condition,You need to press and hold the power button for 5 seconds, and the device will enter the distribution network state. At this time, the WiFi indicator is ashing.



3.Connect WiFi

Please ensure that the phone is connected to WIFI normally, and note that WIFI must be 2.4G.If the router is set to 2.4G/5G intelligent switching mode, please turn o the 5G signal. Otherwise, it may cause the product to not function properly.Open the app and click the add device button to complete the device addition according to the prompts.When the device is added, the main interface of the App will display the device icon, and the WiFi indicator of the device will be on. You can control the device through prompts.

4.Other setting

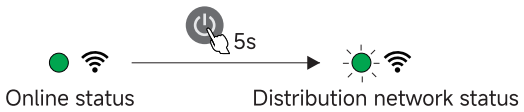
You can change the name of the device in the App to facilitate management.The load can be turned on and o regularly through the mobile phone App, and the load can also be controlled remotely through the mobile phone.

You can control the on / o of the load through the buttons on the equipment, and the ON / OFF indicator shows the on status of the equipment.



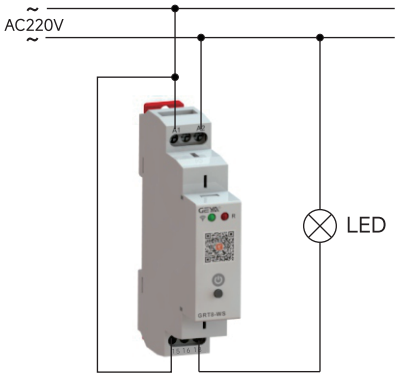
5.Recon gure WIFI

1. If you don't use this device, you can delete it in the app and it will restore its factory settings. At this point, you can add this device again through the App.
2. You can press and hold the button for 5 seconds at any time, and the device will re-enter the WIFI con guration state. At this point, you can add this device again through the App.

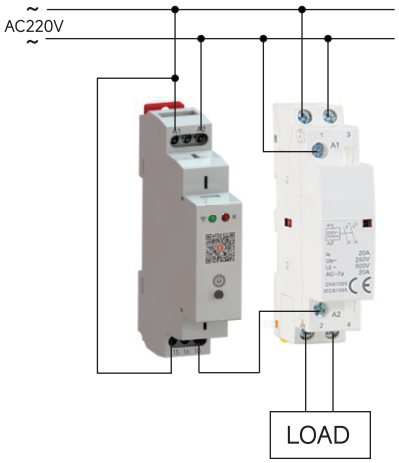


Wiring diagram

Load≤16A（AC-1）。



Load＞16A（AC-15）。



Dimensions(mm)

