

Applications

- Control for connection of moving equipment(site equipment, agricultural equipent,refrigerated trucks).
- Normal/emergency power supply switching.

Feature

- Controls its own supply voltage(True RMS measurement).
- LCD display.
- Measuring frequency range:45Hz-65Hz.
- Voltage measurement accuracy<1%.
- 2-MODULE,DIN rail mounting.

Model and connotation

RV8 — SV

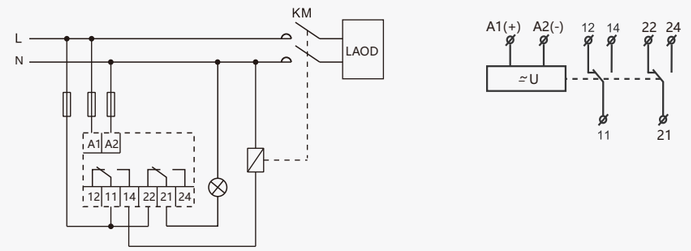
SV: LCD display

RV8: RV8 Series

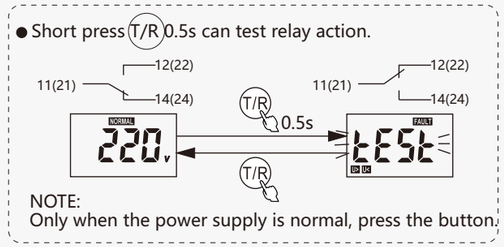
Technical parameters

	RV8-SV
Function	Over voltage, under voltage
Rated supply voltage	AC/DC110V..240V
Rated supply frequency	45~65Hz0Hz
Operation voltage range	50V~350V
Burden	AC max.3VA
Over voltage operation value	65V~300VOFF
Under voltage operation value	OFF.65V~300V
Over/under voltage action delay	0.1s~20s
Power-up delay	0.5s~300s
Reset time	0.5s~300s
Measurement error	≤1%
Output	2xSPDT
Current rating	8A/AC1
Switching voltage	250VAC/24VDC
Electrical life(AC1)	$1x10^7$
Mechanical life	$1x10^5$
Operating temperature	-20°C~+60%°C
Storage temperature	-35°C~+75°C
Mounting/DIN rail	Din rail EN/IEC 60715
Protection degree	IP40 for front panel/IP20 terminals
Operating position	any
Overvoltage category	III
Pollution degree	2
Max.cable size(mm^2)	solid wire max.1x2,5or 2x1,5/with sleeve max.1x2.5(AWG 12)
Tightening torque	0.4Nm
Dimensions	90x 36x 68mm
Weight	100g
Standards	EN 60255-1 IEC60947-5-1

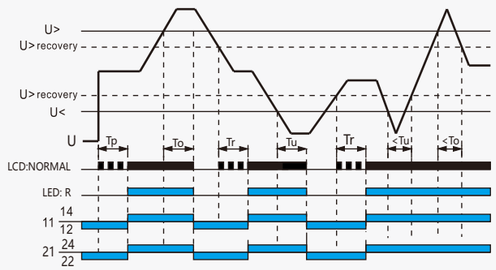
Wiring Diagram



Operation description



Functions Diagram



To: Overvoltage tripping delay.
Tu: Undervoltage tripping delay.
Ta: Reset delay.
Tr: Power up delay

Dimensions(mm)

