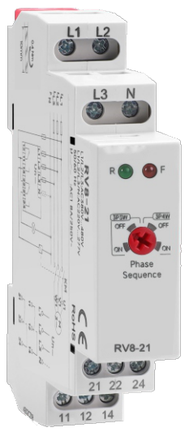
RV8 – □
Fuction mode:Table1
RV8 Series

Table1

Function code	Over-voltage	Under-voltage	Asymmetry	OFF delay Phase time	Phase sequence	Phase failure
21					○	●
22	5%...25%,OFF	OFF,-25%...-5%		0.1s...30s	●	●
23	5%...25%,OFF	OFF,-25%...-5%	8%	0.1s...30s	●	●
24	5%...25%,OFF	OFF,-25%...-5%	5%...20%,OFF	2s	●	●
25			5%...20%	0.1s...30s	●	●
26	15%	-15%	8%	2s	●	●

Note: ● the function is available
○ the function is adjustable



Applications

- Control for connection of moving equipment(site equipment, agricultural equipent,refrigerated trucks).
- Control for protection of persons and equipment against the consequences of reverse running.
- Normal/emergency power supply switching.
- Protection against the risk of a driving load(phase failure).

Feature

- Controls its own supply voltage(True RMS measurement).
- Set 8-level rated operating voltage through knob.
- Measuring frequency range:45Hz-65Hz.
- Voltage measurement accuracy<1%.
- Relay status is indicated by LED.
- 1-MODULE,DIN rail mounting.

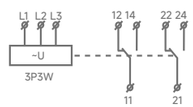
Technical parameters

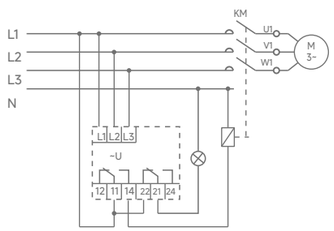
	3P3W	3P4W
Function	Monitoring 3-phase voltage	
Monitoring terminals	L1-L2-L3	L1-L2-L3-N
Supply terminals	L1-L2	
Voltage range	380-400-415-440-480(P-P)	220-230-240-254-277(P-N)
Rated supply frequency	45Hz-65Hz	
Measuring range	260V-576V	150V-332V
Threshold adjustment voltage	5%-25%of Un selected or OFF The Max "U>" for Un 277V or 480V shall not exceed 20%	
Adjustment threshold	5%-20% or OFF	
Hysteresis	2%	
Phase failure value	70% of Un selected	
OFF delay time(Tt)	Adjustable 0.1s-30s,10%	
Measurement error	≤1%	
Delay at power up(Tr)	0.5s	
Knob setting accuracy	10% of scale value	
Output indication	Green LED	
Fault indication	Red LED	
Reset time	1s	
Output	2×SPDT	
Current rating	8A/AC1	
Switching voltage	250VAC/24VDC	
Min.breaking capacity DC	500mW	
Temperature coefficient	0.05%/°C,at=20°C(0.05%°F,at=68°F)	
Mechanical life	$1x10^7$	
Electrical life(AC1)	$1x10^5$	

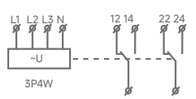
Functions Diagram

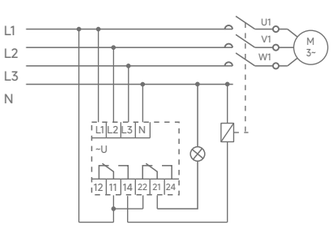
Operating temperature	-20°C to + 55°C (-4°F to 131°F)
Storage temperature	-35°C to + 75°C (-22°F to 158°F)
Mounting/DIN rail	Din rail EN/IEC 60715
Protection degree	IP40 for front panel/ IP20 terminals
Operating position	any
Overvoltage cathegory	III
Pollution degree	2
Max.cable size(mm^2)	solid wire max.1×2.5or 2×1.5/with sleeve max.1×2.5(AWG 12)
Tightening torque	0.4Nm
Dimensions	90x18x64mm
Weight	69-72g
Standards	EN 60255-1, IEC60947-5-1

Wiring Diagram

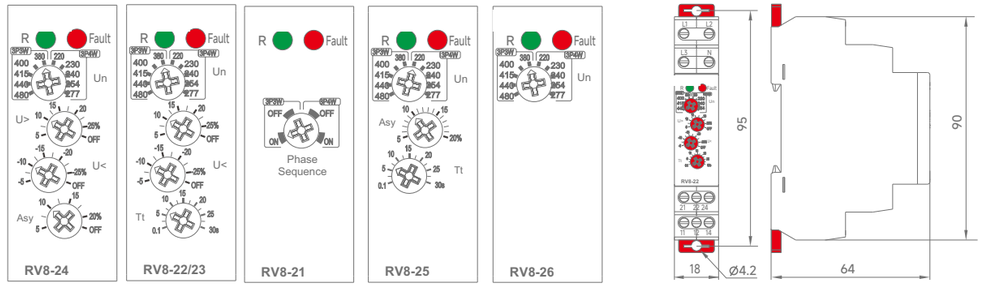






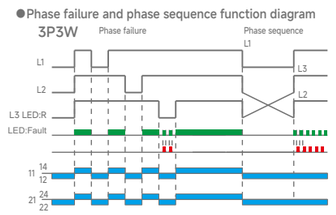


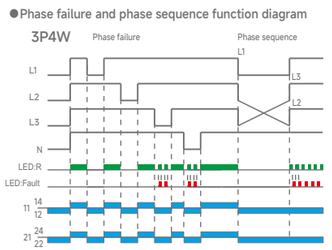
Panel Diagram

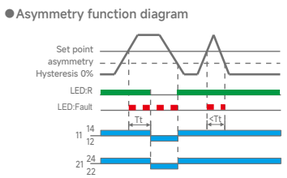


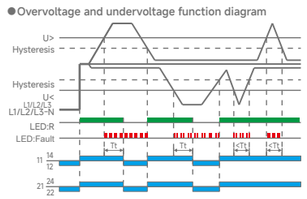
Dimensions(mm)

Functions Diagram









Tt: OFF time delay

NOTE:
1. In case of phase failure at power supply terminals (L1 and L2), the function LED would not make indication.
2. If the Un switch position is changed while the device is working, the two LEDs will flash, but the product continues to work normally with the voltage selected at the time of energization preceding the change of position. The LEDs will return to their normal state if the switch is returned to the original position selected prior to the last energization.