

This document must be retained for future reference.

It is the responsibility of the person installing the electrical equipment to ensure that the installation meets the requirements of the IET wiring regulations and is therefore 'fit for purpose'. Factors such as correct selection of components, cable sizing, protective devices and Earth bonding are all critical and should be checked prior to full testing and power-up. Any other regulations applicable to the equipment being installed such as the Machinery Directive and current health and safety legislation must also be adhered to.

All connections (including factory made) must be checked for the correct tightness prior to commissioning of the electrical installation. All connections should also be inspected periodically to ensure correct tightness.

DO NOT USE POWER TOOLS ON THESE PRODUCTS

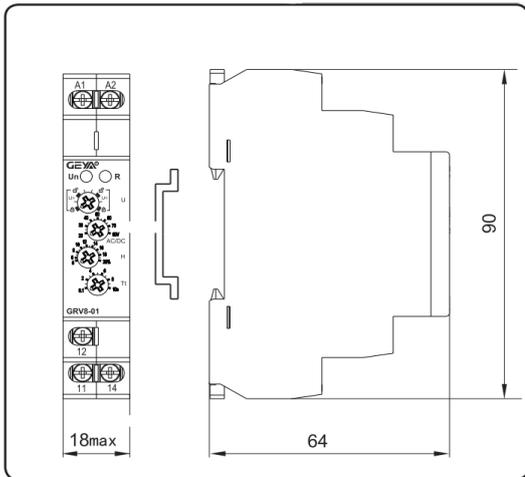


ECPF02 Single Phase Failure Relay

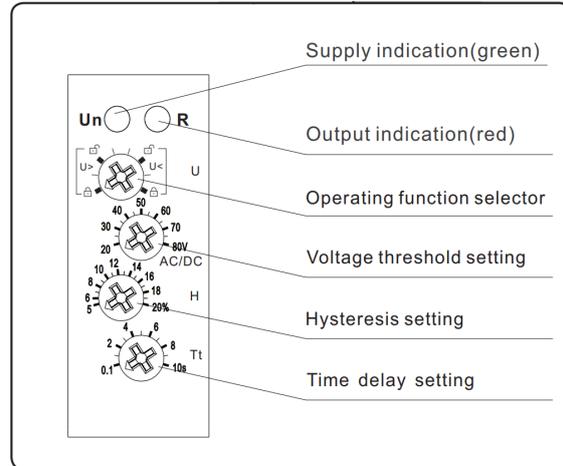


Data	ECPF02
Function	Monitoring voltage
Supply Terminals	A1-A2
Rated supply voltage	AC/DC110-240V
Rated supply frequency	45-65Hz
Hysteresis	5% - 20%
Supply Indication	Green LED
Time Delay	Adjustable 0.1-10s, 10%
Measurement error	≤ 1%
Run up delay at power up	0.5s time delay
Knob setting accuracy	1% of scale value
Reset time	1000ms
Temperature coeicient	0.05%/°C, at-20°C(0.05°F, at-68°F)
Output	1 x SPDT
Current Rating	10A / AC1
Switching voltage	250VAC / 24VDC
Minimum Breaking Capacity	500mW
Output Indication	Red LED
Mechanical Life	1 x 10 ⁷
Electrical Life (Ac1)	1 x 10 ⁶
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 Category	III.
Pollution Degree	2
Maximum Cable Size (mm ²)	Solid wire maximum 1x2.5 or 2x1.5 / With sleeve maximum 1x2.5 (AWG 12)
Dimensions	90 x 18 x 64mm
Weight	59g
Standards	IEC/EN 60255-6, IEC/EN61010-1

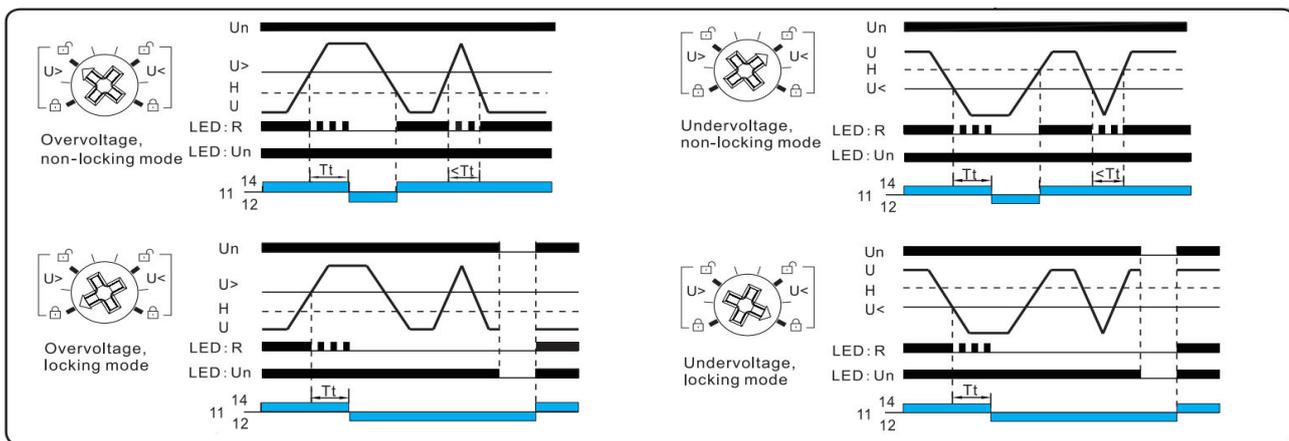
Dimensions



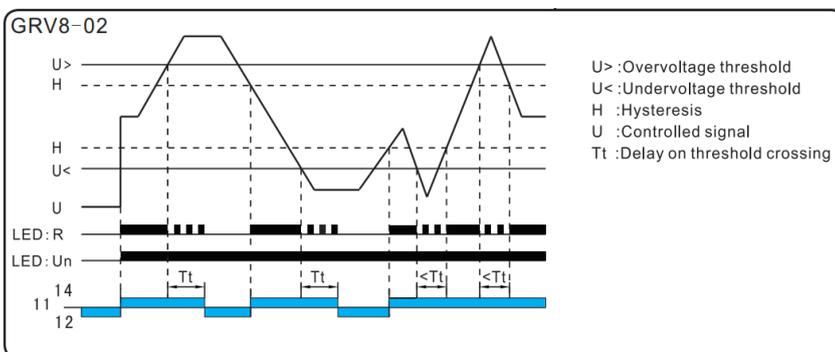
Panel Diagram



Locking Modes



Functions Diagram



Wiring Diagram

