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DO NOT USE POWER TOOLS ON THESE PRODUCTS



## ECPF03, 05, 08

### Phase Failure Relay



Data	ECPF03	ECPF05	ECPF08
Function	Monitoring 3-phase voltage		
Monitoring terminals	L1-L2-L3		
Supply terminals	L1-L2		
Voltage range	220-230-240-380-400-415-440-460 (P-P)		
Rated supply frequency	45Hz-65Hz		
Measuring range	176V-552V		
Threshold adjustment voltage	-	2%-20% of Un selected	
Adjustment of asymmetry threshold	-	8%	
Hysteresis	2%		
Phase failiure value	70% of Un selected		
Time delay	-	Adjustable 0.1s-10s, 10%	2s
Measurement error	<1%		
Run up delay at power up	0.5s time delay		
Knob Setting Accuracy	-	1% of scale value	
Supply Indication	Green LED		
Output Indication	Red LED		
Reset time	1000ms		
Output	1 x SPDT		
Current rating	10A / AC1		
Switching voltage	250VAC/24VDC		
Min breaking capacity DC	500mW		
Temperature coecient	0.05%/°C,at=20°C (0.05%°F, at=68°F)		
Mechanical Life	1 x 10 <sup>7</sup>		
Electrical life (AC1)	1 x 10 <sup>6</sup>		
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		
Max Cable Size (mm²)	Solid wire max 1 x 2.5 or 2 x 1.5 / with sleeve max 1 x 2.5 (AWG 12)		
Dimensions	90 x 18 x 64mm		
Weight	64g		
Standards	IEC/EN 60255-6, IEC/EN61010-1		

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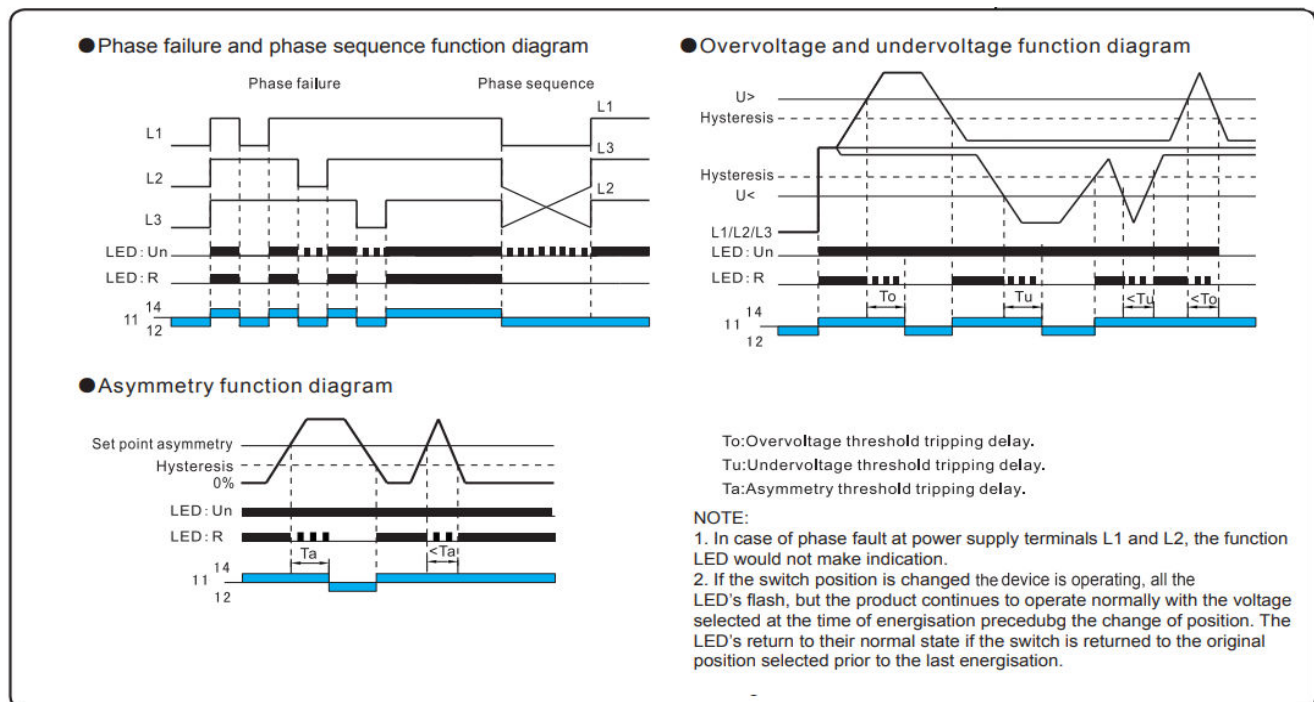
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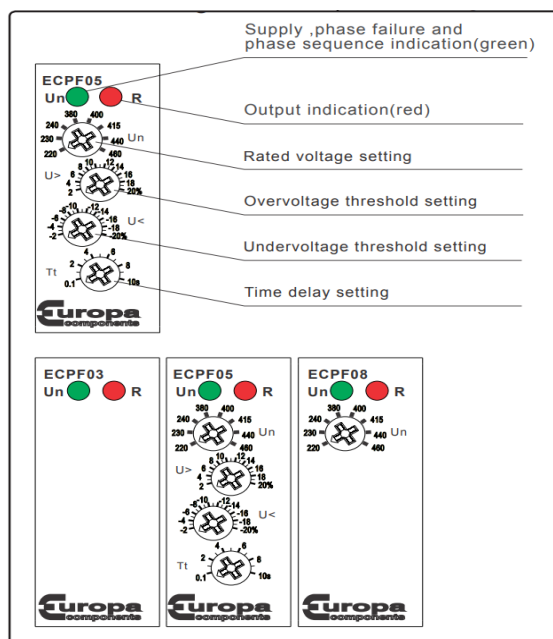
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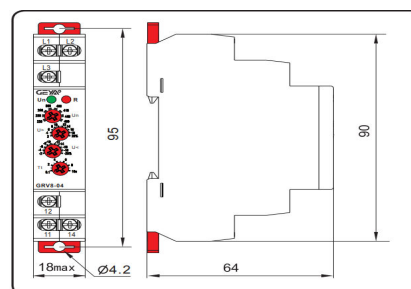
## Functions Diagram



## Panel Diagram



## Dimensions



## Wiring Diagram

