



Applications

- Overvoltage ,undervoltage and overcurrent protection for household equipment.

Feature

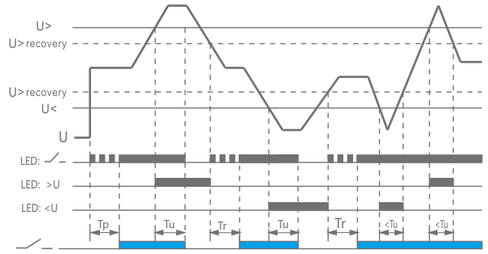
- Voltage / current(True RMS)monitoring and protection.
- Use true RMS measurement.
- Double bus wiring design stronger ability.
- Over / under voltage value and over-current value can be set.
- Self reset after fault.
- Digital display voltage, current value, fault status can be displayed by LED.
- 1-MODULE,DIN rail mounting.

Technical parameters

	PS8-03
Function	Over voltage, under voltage and over current
Rated supply voltage	AC220V(L1,L2,L3-N)
Rated supply frequency	45~65HZ
Operation voltage range	80V~400V(L1,L2,L3-N)
Rated operational current	63A(AC1)
Burden	AC max.3VA
Over voltage operation value	OFF,230V~300V
Under voltage operation value	140V~210V,OFF
Over/under voltage action delay	0.1s~10s
Over current operation value	1A~63A
Over current action delay	2s~600s
Voltage unbalance value	20V~99V
Voltage unbalance action time	10s
Power-up delay	2s~600s
Reset time	2s~900s
Measurement error	≤1%
Electrical life(AC1)	1×10^4
Mechanical life	1×10^6
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
Dimensions	82×72×68mm
weight	376g

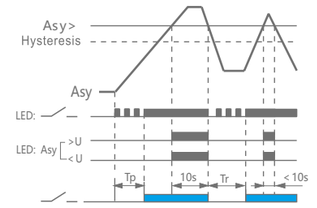
Functions Diagram

Overvoltage or undervoltage fault

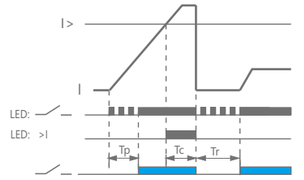


Tp: Power-up delay(2~600s)
Tr: Reset delay time(2~900s)
Tu: Over/under voltage fault action time(0.1~10s)
Tc: Overcurrent fault action time(2~600s)

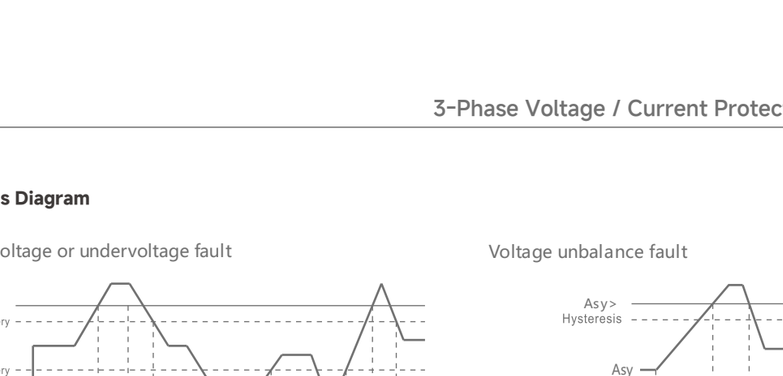
Voltage unbalance fault



Overcurrent fault

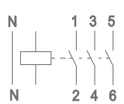


Example

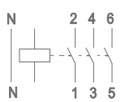


Wiring Diagram

PS8-03U



PS8-03D



Dimensions(mm)

