



Applications

- Overvoltage, undervoltage, overcurrent and leakage protection for household equipment, while displaying frequency, power factor, power, and electricity consumption.

Feature

- Overvoltage, undervoltage, overcurrent, and leakage protection.
- Special metering chips are used to detect voltage, current, electricity consumption and power.
- Double bus wiring design stronger ability.
- Over / under voltage value and over-current value can be set.
- Self reset after fault.
- Large color screen display.
- DIN rail mounting.

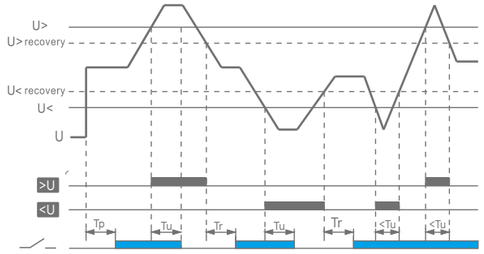
Technical parameters

	PS8-10
Function	Over voltage, under voltage and over current
Rated supply voltage	AC220V(L-N)
Rated supply frequency	45~65HZ
Operation voltage range	80V~400V(L-N)
Rated operational current	32A,40A,50A,63A,80A（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	1~32A,40A,50A,63A,80A
Over current action delay	2s~600s,802.11 b/g/n 2.4GHz
Leakage current value	OFF,10mA~400mA
Leakage reclosing count	OFF,1~20,ON
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	82×54×68mm
weight	205g

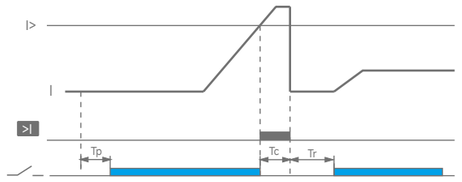
Wiring Diagram



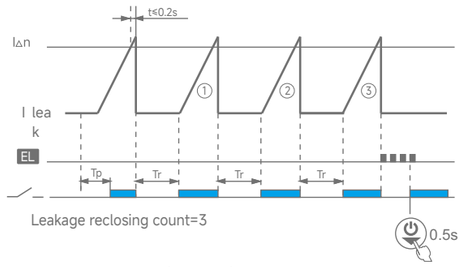
Functions Diagram



When an overvoltage/undervoltage fault occurs, the protector will turn off, When the voltage returns to normal, the protector will return on after the reset timeand the overvoltage/undervoltage value can be set.



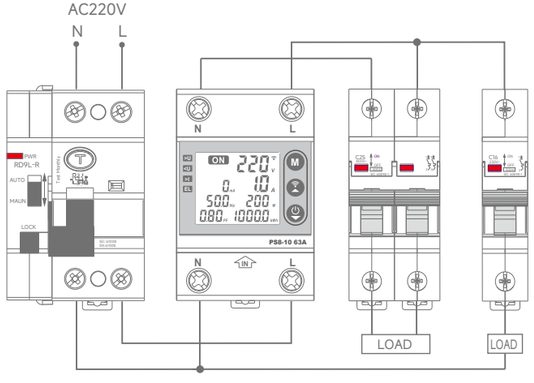
When the leakage current of the circuit exceeds the set leakage current, the protector will turn off. You can turn off the leakage protection function by setting it. The protector will reset according to the set reclosing count. If the count is exceeded, the protector will not reclose and will be indicated by the leakage current indicator light. You can reset it by pressing the ON/OFF button.



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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)

Wiring Diagram



Dimensions(mm)

