



PS8-05 example:40A,upper incoming

Applications

- Overvoltage and undervoltage protection for household equipment.

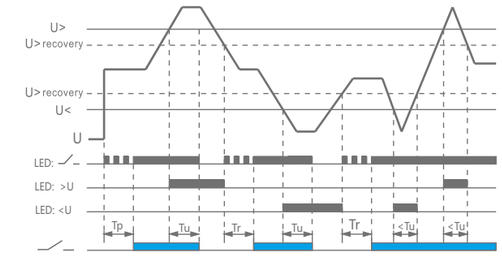
Feature

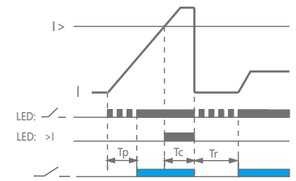
- Voltage / current monitoring and protection.
- Special metering chips are used to detect voltage, current, electricity, and power.
- Double bus wiring design stronger ability.
- Over / under voltage value and over-current value can be set.
- Self reset after fault.
- Digital display voltage, current value, fault status can be displayed by LED.
- DIN rail mounting.

Technical parameters

	PS8-05	PS8-06
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	
WIFI connectivity	-	802.11 b/g/n 2.4GHz
Over current action delay	2s~600s	
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	82×36×68mm	
weight		

Functions Diagram

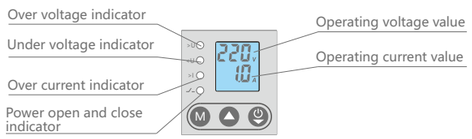




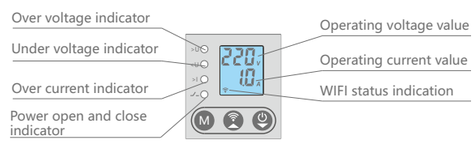
Tp：Power-up delay(2~600s)　Tu：Over/under voltage fault action time(0.1~10s)
Tr：Reset delay time(2~900s)　Tc：Overcurrent fault action time(2~600s)

Panel Diagram

PS8-05



PS8-06

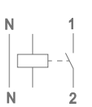


M	Press and hold the setting key for 3 seconds to enter the setting. After modifying the setting, press and hold for 3 seconds to save the setting.
▲	Used to increase the value when setting parameters.
⏻	1.Used to reduce the value when setting parameters.
	2.After exiting the setting, it can be used to manually turn on or off the load.
	3.If the automatic fault reset function is turned off, this button can be used for manual reset when the fault occurs.

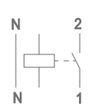
M	Press and hold the setting key for 3 seconds to enter the setting. After modifying the setting, press and hold for 3 seconds to save the setting.
📶	1.Used to increase the value when setting parameters.
	2.Press and hold for 5 seconds to reconfigure WIFI.
⏻	1.Used to reduce the value when setting parameters.
	2.After exiting the setting, it can be used to manually turn on or off the load.
	3.If the automatic fault reset function is turned off, this button can be used for manual reset when the fault occurs.

Wiring Diagram

PS8-□U



PS8-□D



Dimensions(mm)

PS8-05/06



