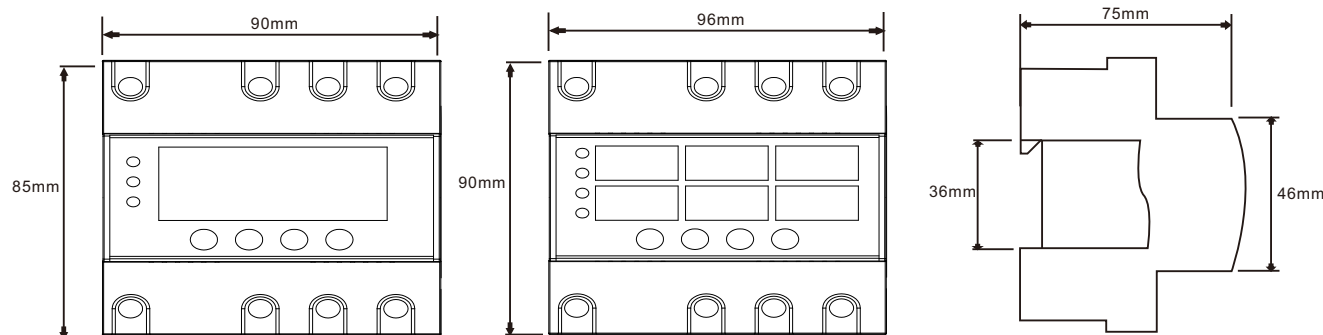


SIZE



DESCRIPTION OF USE

GDVA2-4 three-phase overcurrent and undervoltage self-healing protector is a new generation of electrical equipment protection device developed by our company according to the current situation of utility power.

The is a new generation of electric equipment protection device developed by our company according to the current condition of utility power. When the utility phase sequence is wrong or three-phase utility power is seriously unbalanced, the zero line is broken or any one phase of the fire line is broken, load overload, the voltage exceeds or is lower than the action voltage of the protector, the protector can quickly and reliably cut off the output power supply, in order to achieve the protection of the external power consumption product

PARAMETER DESCRIPTION

- Working power supply: three-phase four-wire, line voltage AC210-520V phase voltage 120-300V 50/60Hz
- Product Specifications: 32A, 40A, 50A, 63A, 80A, 100A
- Load power: 21KVA, 26KVA, 33KVA, 41KVA, 52KVA
- Over-voltage protection cut-off value: phase voltage AC260 $\pm$ 1V, action delay time 0.2 seconds, recovery value: AC250V. (230-270V free setting)
- Undervoltage protection cut-off value: phase voltage AC170 $\pm$ 1V, action delay time 0.3 seconds, recovery value: AC182V. (120-210V free setting)
- Delay time: turn on the power default start time 80 seconds, delay time (10-999 seconds free setting value fixed).
- Overcurrent protection value: Specification amperage (e.g.: 40A, 1-40A free setting)
- Overcurrent disconnection time: 6 sec. (1-60 seconds free setting)
- Overcurrent lock: default locked status. (can be freely released)
- The upper table shows the voltage indication, and the lower table shows the current indication. The ammeter displays the countdown time when the power is switched on. From left to right is A phase display, B phase display, C phase display. When the three-phase voltage display line voltage in order AB phase, BC phase, CA phase.
- Self-loss: $\leq$ 3W

CONDITIONS OF USE

- Ambient temperature: -20°C-40°C.
- Relative humidity: $\leq$ 85%
- Altitude: $\leq$ 2000m
- The installation environment should be free of corrosive gases and conductive dust.
- Installation: Vertical mounting with guide rails



Note: The zero line of this product is directly connected, no isolation function. Please switch off the upper isolation switch when repairing the line.

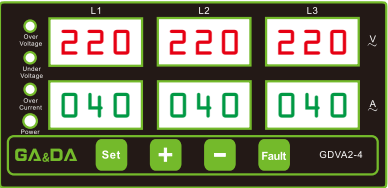
KEY DESCRIPTION

1. First button: Setting button. Press and hold the button for 5 seconds to enter the setting state, wait for 8 seconds to exit the setting state. After setting the parameters, you must press the setup button for one week to save the setup parameters, otherwise it is considered as invalid setting. After entering the setting state, each time you press the setting key, you can set different function parameters.
2. Two button: +Number key. Work with the Set key to increase the parameter value.
3. Three button: -Number key. Work with the Set key to increase the parameter value.
4. Four button: Fault display key. When pressed, it displays the last fault voltage or fault current. voltage or fault current, when overcurrent is locked click this button to unlock.

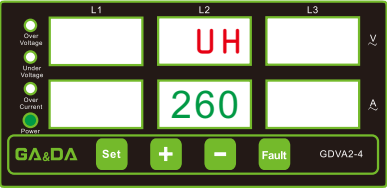
SCREEN TROUBLESHOOTING

- Wiring error message: the screen display CBA flashing, for the input of three-phase firewire phase sequence error, the input of any two of the firewire can be switched to solve the problem. It is strictly prohibited to connect the wrong zero wire and fire wire.
- Imbalance indication: any two phases of the three-phase firewire phase difference of 35% (i.e. more than 77V) display H-L. When less than 25% of its own back to normal operation.
- The screen does not light up when the input zero wire is disconnected. The corresponding voltmeter shows 0 when the input fire wire is disconnected.

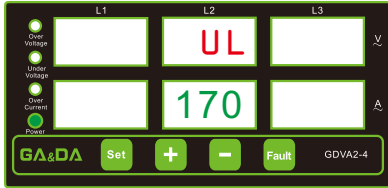
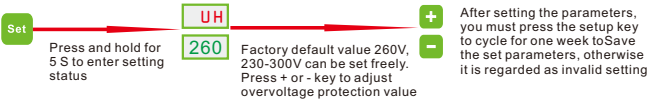
SETUP ICON



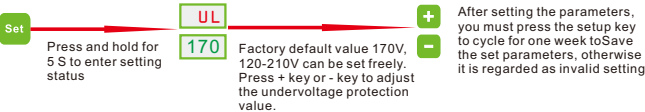
● Normal power-on state



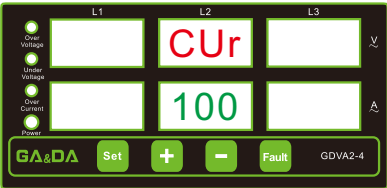
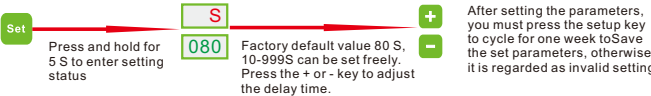
● Overvoltage protection regulation



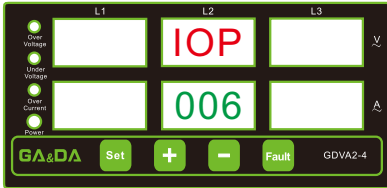
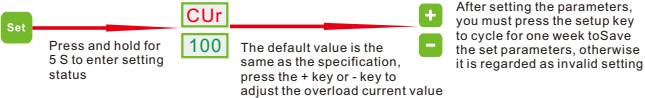
● Undervoltage protection value adjustment



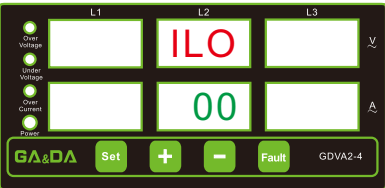
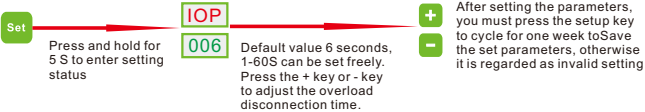
● Delayed protection time adjustment



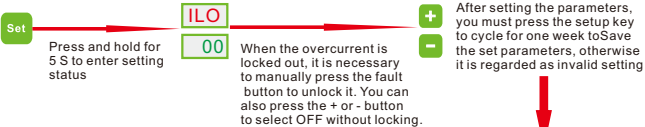
● Overcurrent protection value adjustment



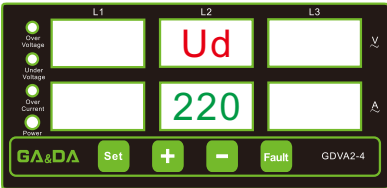
● Overcurrent disconnection time adjustment



● Overcurrent lock function



Fault display key. Displays the last fault voltage or fault current when pressed, click this button once to unlock when overcurrent is locked.



● Phase/line voltage switching display

