

THREE PHASE VOLTAGE & CURRENT PROTECTOR
MODEL:JJTP1-63/100



OPERATING RANGE

| Technical parameter | Setting range | Factory setting | Step | Function description |
|--|---------------------------|-----------------|------|--|
| Power-on delay time | 1s-500s | 10s | 1s | After external power cut,the time needed for power-on when power recovery. |
| Over-voltage protection value | 230V-300V | 270V | 1V | When the voltage is higher than the set value, the protector will cut off the line. |
| Over-voltage recovery value | 225V-295V | 265V | 1V | When the voltage is lower than the set value, the protector will automatically reset, and the set value must be less than the over-voltage protection value by more than 5V. |
| Over-voltage recovery delay time | 1s-500s | 30s | 1s | After voltage recovery,the time needed for automatic reset. |
| Over-voltage protection action time | 0.1s-30s | 1.0s | 0.1s | When the voltage is higher than the set value,the time needed for protection action. |
| Under-voltage protection value | 140V-210V | 170V | 1V | When the voltage is lower the set value, the protector will cut off the line. |
| Under-voltage recovery value | 145V-215V | 175V | 1V | When the voltage is higher than the set value, the protector will automatically reset, and the set value must be more than the under-voltage protection value by more than 5V. |
| Under-voltage recovery delay time | 1s-500s | 30s | 1s | After voltage recovery,the time needed for automatic reset. |
| Under-voltage protection action time | 0.1s-30s | 1.0s | 0.1s | When the voltage is lower than the set value,the time needed for protection action. |
| Three phase voltage error value | -9.5%-9.5% | 0 | | Correct the three phase voltage error. |
| Three phase voltage unbalance value | 20V-99V | 30V | 1V | When the error among the three phase voltage is bigger than the set value,the protector will cut off the line. |
| Three phase voltage unbalance recovery value | 15V-94V | 25V | 1V | When three phase voltage unbalance value is lower than the set value,the protector will automatically reset. |
| Phase sequence protection switch | OFF/ON | ON | | Switch on or on the phase sequence protection function. |
| Over-current protection value | 3A-63A-OFF 3A-100A-OFF | 30A/60A | 1A | When the current is higher than the set value, the protector will cut off the line. |
| Over-current recovery delay time | 1s-500s | 30s | 1s | After current recovery,the time needed for automatic reset. |
| Over-current protection action time | 0.1s-30s | 1.0s | 0.1s | When the current is higher than the set value,the time needed for protection action. |
| Three phase current error value | -9.5%-9.5% | 0 | | Correct the three phase current error. |
| Times of continuous over current protection | OFF-1-20 | OFF | 1 | When the times of continuous over-current protection exceeds the set value,the protector will cut off the line,then it needs to be opened manually. |
| Phase-loss protection | ON | | | One of the three-phase voltages is losing,the protector will cut off the line. |

● Main menu setting

230 V • Voltage display
L1
63 A • Current display
M
P1 V • Power-on delay time S
L1
10 A 1→500
M
U1 V • Over-voltage protection value V
L1
270 A 230→300
M
U2 V • Over-voltage recovery value V
L1
265 A 225→295
M
U3 V • Over-voltage recovery delay time S
L1
30 A 1→500
M
U4 V • Over-voltage protection action time S
L1
1.0 A 0.1→30
M
U5 V • Under-voltage protection value V
L1
170 A 140→210
M
U6 V • Under-voltage recovery value V
L1
175 A 145→215
M
U7 V • Under-voltage recovery delay time S
L1
30 A 1→500
M
U8 V • Under-voltage protection action time S
L1
1.0 A 0.1→30
M

U9 V • Three phase voltage error value
L1
0 A -9.5→9.5%
M
U10 V • Three phase voltage unbalance value V
L1
30 A 20→99
M
U11 V • Three phase voltage unbalance recovery value V
L1
25 A 15→94
M
U12 V • Phase sequence protection switch
L1
on A off/on
M
C1 V • Over-current protection value A
L1
30/60 A 3→63/100→off
M
C2 V • Over-current recovery delay time S
L1
30 A 1→500
M
C3 V • Over-current protection action time S
L1
1.0 A 0.1→30
M
C4 V • Three phase current error value
L1
0 A -9.5→9.5%
M
C5 V • Continuous over current faults times setting
L1
off A off→1→20
M
End V • Save & Exit Setting
L1
A

- Long press ▲▼ can increase or decrease rapidly.
- Only L1 display when setting.L2 and L3 don't display.

DIMENSION



WIRING DIAGRAM

