



Features

1. 100A ;
Continuous 100A load.
2. ;
It has one set of normally closed contact.
3. 6W;
Ec kn' rc ygt' ec puworh kc p' ® 8K 0
4. 100M (1000VDC) ; 3.5kV;
V\ g' kpuwnch kc p' tgukuh cpeg' tgce\ gu' 3220 ; fl 3222J 8 Et ; cpX
xc nh cig' dgh yggp' h \ g' ec ph ceh u' cpX' h \ g' ec kn' ku' 507mJ C
5. IP ;:IP50;
IP protection level: IP50.
6. IEC 60664-1 GB/T14048.1 GB/T14048.4 ;
Ec omkcph' ykh \ ' = GE' 82886/3.' ID1V3626:03' cpX' ID1V3626:06' tgs
7. RoHS 2015/863/EU REACH 1907/2006/EC ;
Ec omkcph' ykh \ ' Tc < U' fl 42371:851GEŁ' cpX' TGCE< ' fl 32914228
8. CE CCC RoHS
Uchgh m' egth khkech g. ' EG.' EEE.' Tc < UO

at23

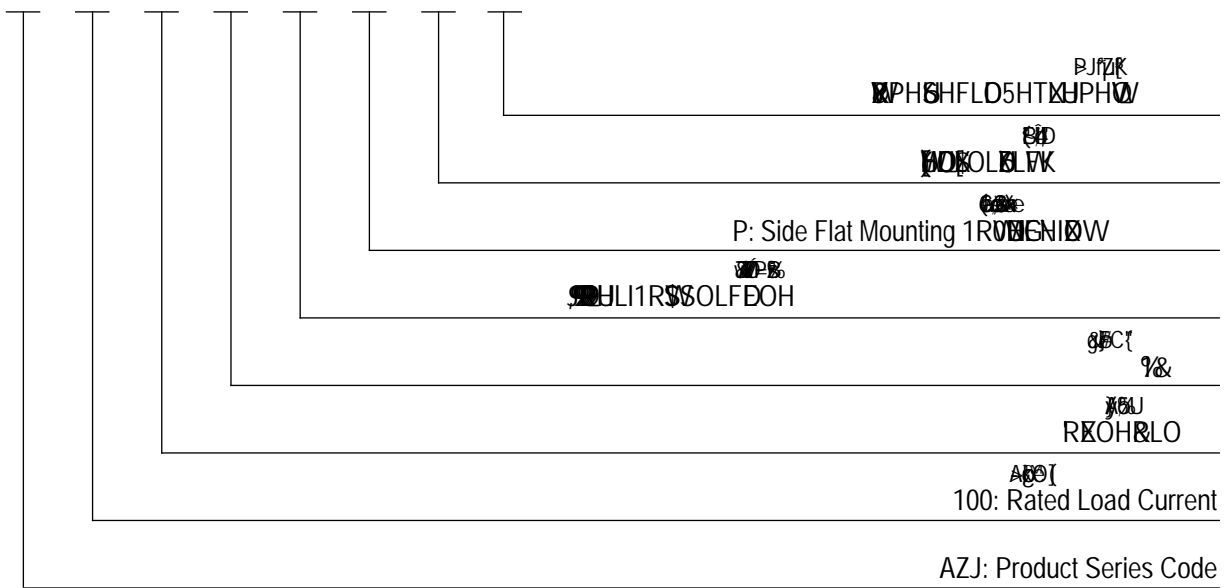
Performance Parameters

| | | | |
|---|----------------------------------|--|---|
| Contact Arrangement | 1B (1NC) | Rkemwr' J c nh cig | 70% Us |
| Contact Resistance | 0.5m | 8 tc rc wh' J c nh cig | 5% -40% Us |
| Ec ph ceh' J c nh cig' 8 tc r | 80mV (at 100A) | Ec ph ceh' Dc wpeg' Rgtkc X | 5ms |
| Overload Current | 7Ie, 1s | Pickup Time | 30ms |
| Temperature | -40 ~85 | 8 tc rc wh' vkog | 30ms |
| Load Terminal | M6 0.4mm | 8 kgngch tke' UH Dgh yggp' Ockp' Ec ph ceh u' | 50Hz/60Hz 1500VAC/1min |
| J kditch kc p | 3.5g,10~200Hz,1/2 Ja 0.03ZH20 | Dgh yggp' Ockp' Ec ph ceh u' cpX' Ec RH | 50Hz/60Hz 1500VAC/1min |
| Relative Humidity | 5 ~95 RH | Insulation Resistance | Initial State 100M 1min |
| 8 kogpukc p | 70x42x73mm | After Electrical Life | 50M 1min |
| C rgtch kpi' 8 wh m | Continuous | Shock | Stability 2.5g 407i' fl Rc ygt' C pŁ |
| () Gngch tkecn' 8 vtcdknkh m' y 20000 Nc cX' fl Tgukuh kxgl | | Strength | 5g |
| Nc cX' K ktkpi' Vc tswg | 6-8N.m | Oge\ cpkecn' 8 vtcdknkh m | 100000 PHV |
| / | / | Ec kn' K ktkpi' Vc tswg | 1.2-2.ON.m |

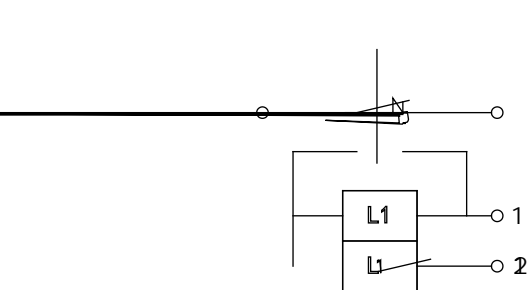
AZJ100DB Coil Parameter

| Voltage (V) | Coil Resistance (Ω) | Coil Resistance (mΩ) | Coil Resistance | | Starting Power | | Holding Power |
|-------------|---------------------|----------------------|-----------------|------------|----------------|-----------|---------------|
| | | | Starting | Holding | Power (W) | Time (ms) | |
| 12V | 70 ± 10% | 5% - 40% | 1.4 ± 10% | 24 ± 10% | 100W ± 10% | 100ms | 6W ± 10% |
| 24V | 70 ± 10% | 5% - 40% | 5.5 ± 10% | 94.5 ± 10% | 100W ± 10% | 100ms | 6W ± 10% |
| 36V | 70 ± 10% | 5% - 40% | 13 ± 10% | 216 ± 10% | 100W ± 10% | 100ms | 6W ± 10% |
| 48V | 70 ± 10% | 5% - 40% | 23 ± 10% | 384 ± 10% | 100W ± 10% | 100ms | 6W ± 10% |
| 60V | 70 ± 10% | 5% - 40% | 36 ± 10% | 600 ± 10% | 100W ± 10% | 100ms | 6W ± 10% |
| 72V | 70 ± 10% | 5% - 40% | 52 ± 10% | 864 ± 10% | 100W ± 10% | 100ms | 6W ± 10% |

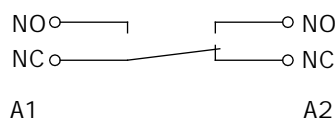
Model Coding



Wiring Diagram



Wiring Diagram Without Auxiliary Switch



Wiring Diagram with Auxiliary Switch

NC
NC Auxiliary Switch Normally Closed Contact

NO
NO Auxiliary Switch Normally Open Contact

A1, A2
A1, A2 Main Terminal Wiring

1, 2
1, 2 Coil Wiring 12-72V



