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# MZJ25A-30

## DC contactor



Series product photograph. Nameplate and configuration depend on the selected model.

| | |
|---|---|
| Model | MZJ25A-30 |
| Contact arrangement | 3NO |
| Rated contact current | 25A |
| Rated contact voltage | 27V DC |
| Coil voltage | 27V DC |

# MZJ25A-30 DC Contactor

Technical reference compiled from the exact-model manufacturer website. Ratings follow the technical table; this is a website-source supplement.

| | |
|---|---|
| Model | MZJ25A-30 |
| Contact arrangement | 3NO |
| Rated contact current | 25A |
| Rated contact voltage | 27V DC |
| Coil voltage | 27V DC |
| Coil power | ≤11W |
| Contact voltage drop | ≤80mV |
| Pickup / release voltage | ≤75% Us / ≥5% Us and ≤40% Us |
| Pickup / release time | ≤50ms / ≤30ms |
| Momentary maximum current | 4 × rated current, ≤1 second |
| Electrical life at 25A, 27V | ≥6,000 cycles |
| Mechanical life | ≥100,000 cycles |
| Insulation resistance | ≥100 MΩ at 500V DC |
| Dielectric withstand | 1000V AC, 1 minute, no breakdown |
| Coil insulation | Class F (155°C) |
| Contact material | Silver alloy |
| Operating duty | Continuous |
| Ambient temperature | –40 to +70°C |
| Terminal / coil temperature rise | ≤65K / ≤85K |
| Vibration | Sine, 2.5g, 5–50Hz |
| Shock | 50g, 11ms, half-sine |

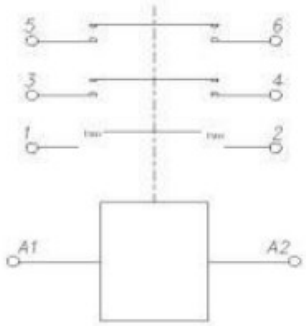
# Model selection, wiring and mounting

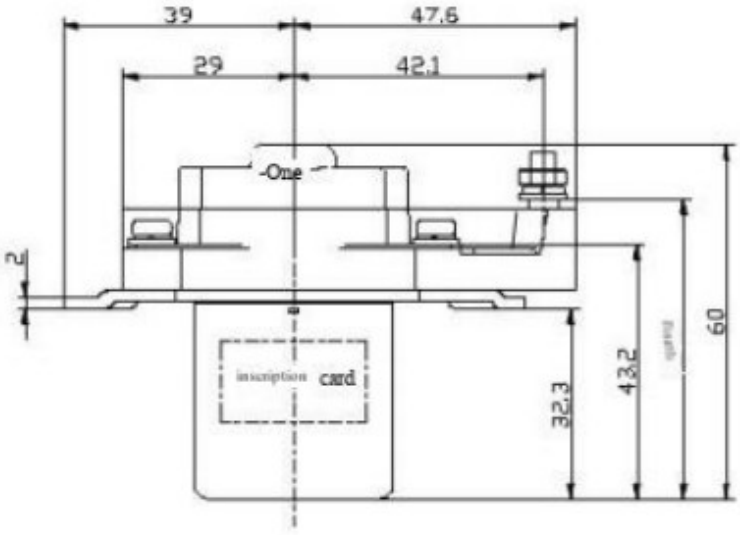
◎ Model meaning

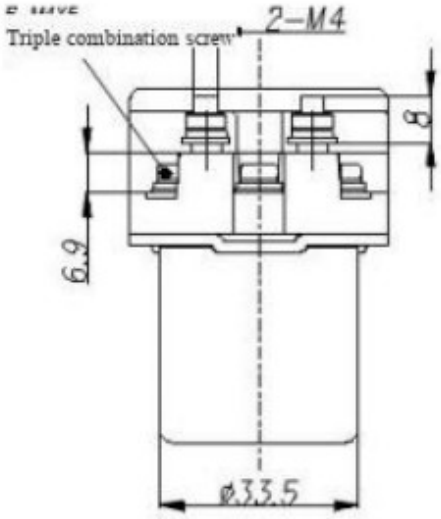
MZJ 25A −30 /□

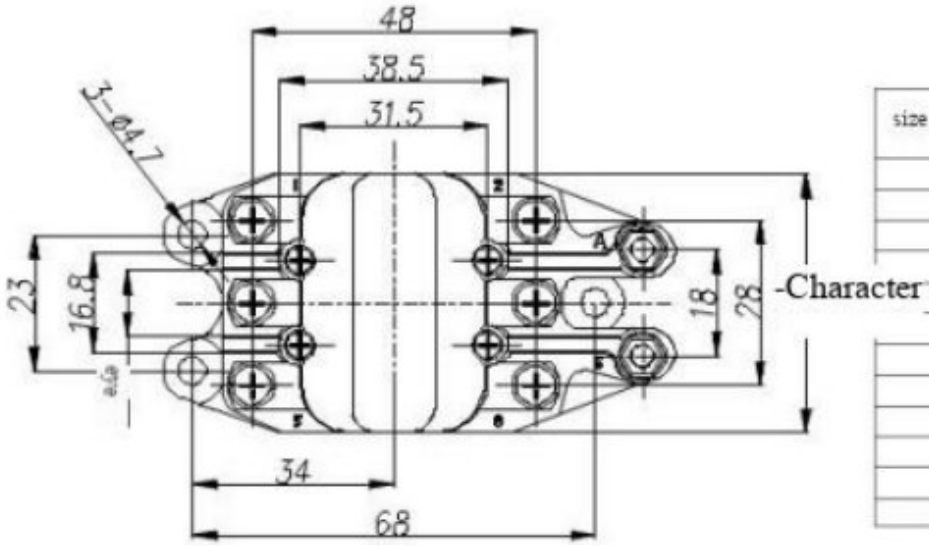
- Rated voltage of coil ( VDC )
- 3 sets of normally open
- Rated current of main contact ( A )
- Product Model

◎ Electrical schematic diagram




| size range (mm) | Tolerance range ( mm ) |
|---|---|
| 0~3 | Shi 0.2 |
| 3~6 | ±0.25 |
| 6~10 | ±0.28 |
| 10~14 | ±0.32 |
| 14~18 | ±0.38 |
| 18~24 | ±0.45 |
| 24~30 | Shi 0.5 |
| 30~40 | ±0.56 |
| 40~50 | ±0.64 |
| 50~65 | Shi 0.74 |
| 65~80 | ±0.86 |
| 80~100 | Shi 1 |