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MZJ25A-11

DC contactor



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

Model	MZJ25A-11
Contact arrangement	1NO+1NC
Rated contact current	25A
Rated contact voltage	27V DC
Coil voltage	27V DC

MZJ25A-11 DC Contactor

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

Model	MZJ25A-11
Contact arrangement	1NO+1NC
Rated contact current	25A
Rated contact voltage	27V DC
Coil voltage	27V DC
Coil power	Start ≤142W; hold ≤9W
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	≥15,000 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

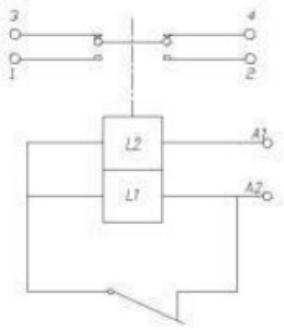
Model selection, wiring and mounting

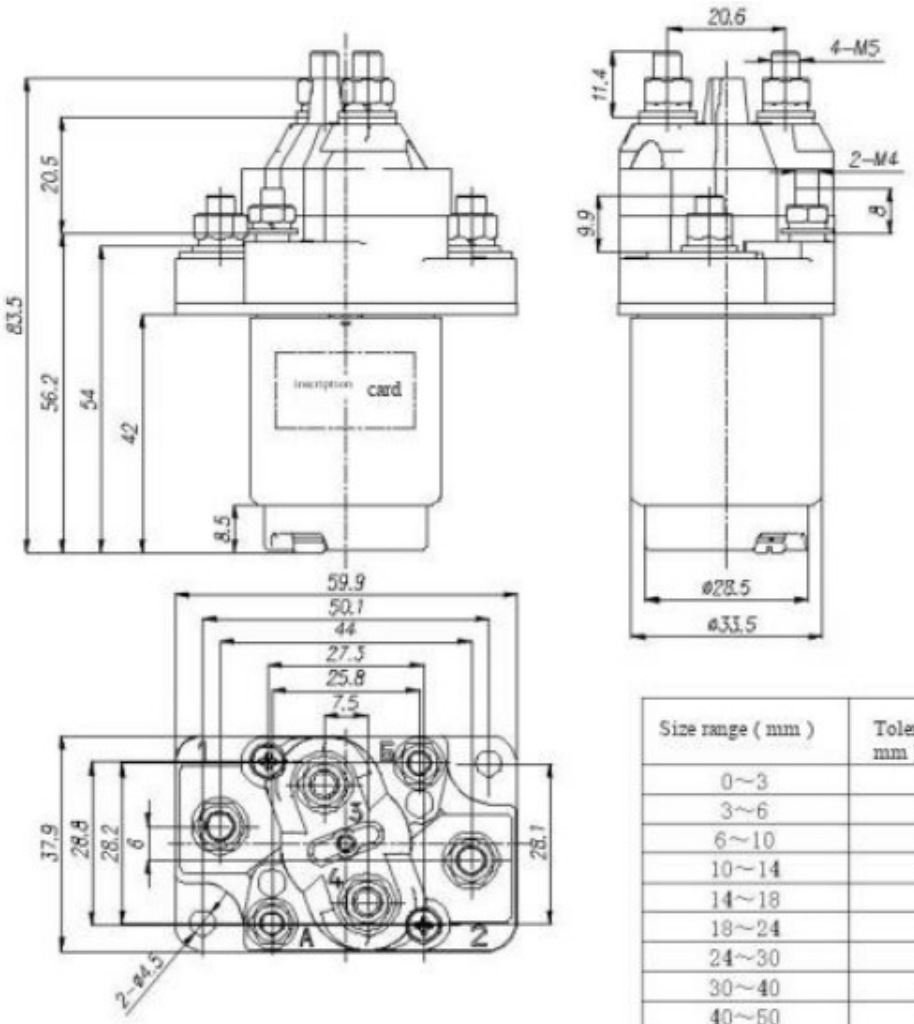
◎ Model meaning

MZJ 25A – 11/□

- MZJ: product model
- 25A: main contacts, rated current (A)
- 11: one set of normally open and one set of normally closed
- □: Rated voltage of coil (VDC)

◎ Electrical schematic diagram





Size range (mm)	Tolerance range (mm)
0~3	Shi 0.2
3~6	Shi 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	Shi 0.56
40~50	±0.64
50~65	Shi 0.74
65~80	±0.86
80~100	±1