

REPORT

68 Series Power relay 100 A



Charging
Stations



Inverter



Battery
Charger

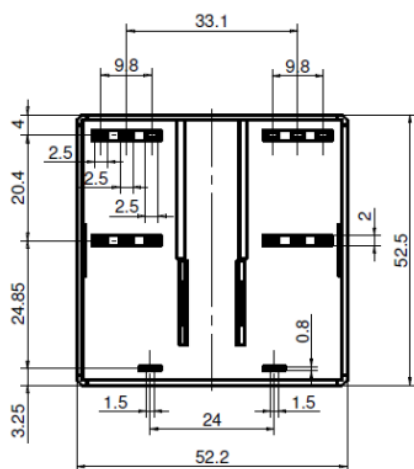
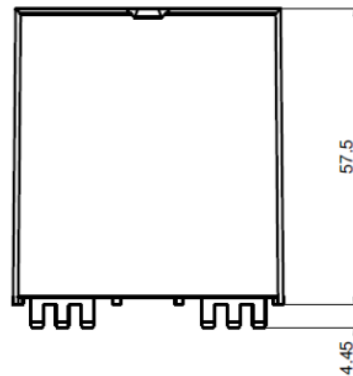
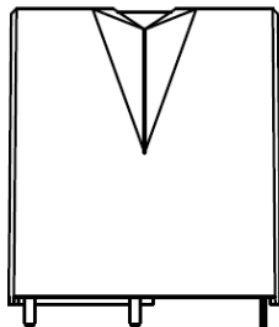


Power
applications

Power relay for printed circuit with 2 NO contacts 100 A Type 68.22.9.xxx.4300 Rated load AC1 40000 VA

Ideal for EV charging stations up to 55 kW (three-phase) and for applications where high power is required.

- Nominal voltage 12 - 24 V DC
- AgSnO₂ contacts
- Ambient temperature range -40...+85 °C



Contact specifications

Contact configuration	2 NO (DPST-NO)
Contact gap	mm 3.6
Rated current	A 100
Maximum switching voltage	V 400/690
Terminals	PCB terminals, pin length 4.45 mm
Contact material	AgSnO ₂

Coil specifications

Nominal voltage (U _N)	V DC 12 - 24
Rated power	W 2.9
Holding power	W 0.7
Operating range	U _N 0.9...1.1

Technical data

Electrical life at 100 A AC7a	cycles 30 000
Clearance and creepage distance	mm 8
Insulation between coil and contacts (1.2/50 μs)	kV 6 (4000 V AC)
Dielectric open contacts	V AC 2000
Ambient temperature range	°C -40...+85

