

68 Series  
Power relays



Design by MINELLI | FOSSATI



## Power relays for printed circuit

- Type 68.22.9.xxx.4300 - 2 contacts NO, 100 A
- Type 68.23.9.xxx.4300 - 2 contacts NO, 100 A + 1 NC 3 A
- Type 68.24.9.xxx.4300 - 4 contacts NO, 40 A
- Type 68.25.9.xxx.4300 - 4 contacts NO, 40 A + 1 NC 3 A

Ideal for EV charging stations and for applications where high power is required.

- Nominal voltage 12 - 24 V DC
- Low coil power
- AgSnO<sub>2</sub> contacts
- Ambient temperature range -40...+85 °C



Charging Stations



Inverter



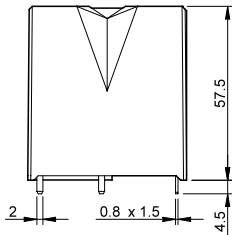
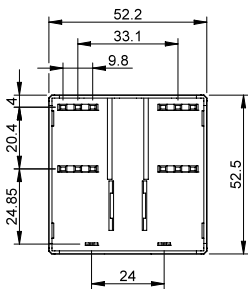
Battery Charger



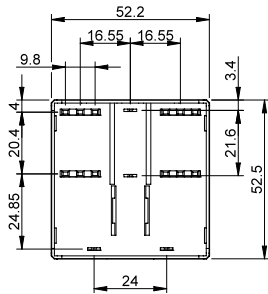
Power applications

### Power relays for printed circuit

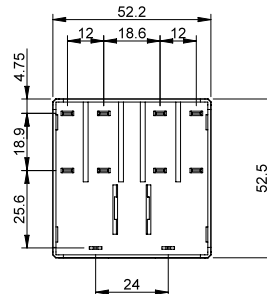
Type 68.22.9.xxx.4300  
100 A



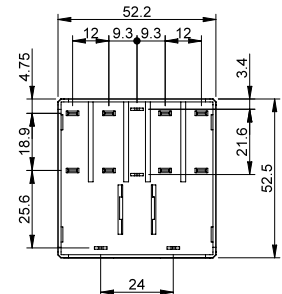
Type 68.23.9.xxx.4300  
100 A



Type 68.24.9.xxx.4300  
40 A



Type 68.25.9.xxx.4300  
40 A



**Low coil power**

Contact specifications		68.22	68.23	68.24	68.25
Contact configuration		2 NO (DPST-NO)	2 NO + 1 NC (DPST-NO + SPST-NC)	4 NO (4PST-NO)	4 NO + 1 NC (4PST-NO + SPST-NC)
Contact gap	mm	3.6			
Rated current	A	100	100	40	40
Rated current NC contact	A	—	3	—	3
Nominal/Maximum switching voltage	V	400/690			
Terminals		PCB terminals, pin length 4.45 mm			
Contact material		AgSnO <sub>2</sub>			
Coil specifications					
Nominal voltage (U <sub>N</sub> )	V DC	12 - 24			
Rated power	W	2.9			
Technical data					
Clearance and creepage distance	mm	8			
Insulation between coil and contacts (1.2/50 μs)	kV	6			
Dielectric open contacts	V AC	2500			
Ambient temperature range	°C	-40...+85			