finder
SWITCH TO THE FUTURE

REPORT

67 SERIES
High Power relay

High Power relay 50 A
67 Series

For photovoltaic inverters, welding equipment, machinery and elevator controls.
Compact, energy efficient and powerful.

- 2 and 3 pole versions, 50 A (100 A *) / 400 V AC
- Maximum peak current 150 A (5 ms)
- Contact gap ≥ 3 mm or ≥ 5.2 mm
- "Energy saving" mode: Rated power 1.7W or 2.7 W with 170mW holding power
- Dimensions (w x h x d): 51.5 x 57.5 x 33 mm
- Suitable for use at ambient temperatures up to 85°C
- Meets the EN 60335-1 requirements of resistance to heat and fire (GWIT 775 °C and GWFI 850 °C)

* Only for type 67.23....430xS breaking capacity 100 A with 3 contacts in parallel

EAC 03 cULus (according to types)

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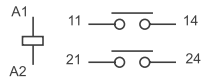
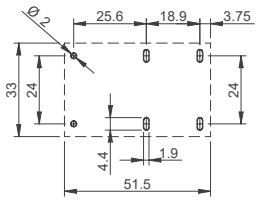


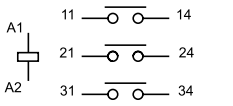


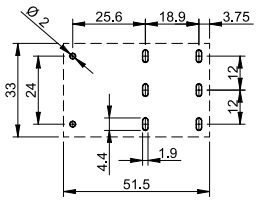
Copper side view

Printed circuit mount - 3 mm contact gap
50 A Power relay for photovoltaic inverters

Type 67.22.9.xxx.x300 - 2 NO (DPST-NO)
Type 67.23.9.xxx.x300 - 3 NO (3PST-NO)

- Contact gap ≥ 3 mm (according to VDE 0126-1-1, EN 62109-1, EN 62109-2)
- DC coils, with only 170 mW holding power
- Reinforced insulation between coil and contacts
- 1.5 mm gap between PCB and relay base
- Suitable for use at ambient temperatures up to 85 °C (with energy-saving coil energization) or 70 °C (with standard coil energization)
- Cadmium free contact materials:
  - AgNi version (for applications where lower contact resistance is needed)
  - $AgSnO_2$ version (for applications where higher inrush current values are expected)



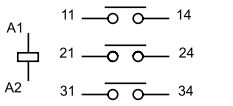


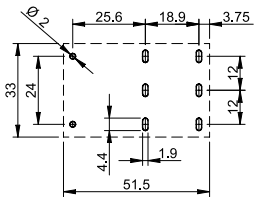
Copper side view

Printed circuit mount - 3 mm contact gap
50 A Power relay for photovoltaic inverters

Type 67.22.9.xxx.x500 - 2 NO (DPST-NO)
Type 67.23.9.xxx.x500 - 3 NO (3PST-NO)

- Contact gap ≥ 5.2 mm (according to VDE 0126-1-1, EN 62109-1, EN 62109-2)
- DC coils, with only 170 mW holding power
- Reinforced insulation between coil and contacts
- 1.5 mm gap between PCB and relay base
- Suitable for use at ambient temperatures up to 85 °C (with energy-saving coil energization) or 60 °C (with standard coil energization)
- Cadmium free contact materials:
  - AgNi version (for applications where lower contact resistance is needed)
  - $AgSnO_2$ version (for applications where higher inrush current values are expected)





Copper side view

Printed circuit mount - 3 mm contact gap
100 A High Power relays*

Type 67.23.9.xxx.4300 S - 3 NO (3PST-NO)
***Breaking capacity up to 100 A with parallel connection of contacts**

- 3 NO double break contacts with >3 mm contact gap
- DC coils, with only 170 mW holding power
- Nominal coil voltage 5 - 6 - 8 - 12 - 24 - 48 - 60 - 110 V DC
- Suitable for use at ambient temperatures up to 85 °C (with energy-saving coil energization) or 70 °C (with standard coil energization)
- Cadmium free contact materials:
  - AgNi version (for applications where lower contact resistance is needed)
  - $AgSnO_2$ version (for applications where higher inrush current values are expected)