

Hongfa Solution for Electric Vehicle AC-Charger

- 2 Pole Relay - 40A - 277V AC
- SCCR 3kA Compliant to IEC 62955
- High Energy Efficiency $R_{th}=17k/W$



HF170F-S

2 POLE HIGH POWER RELAY 40A

36×30×40 mm Compact Size
Energy Saving with Low Coil Holding Voltage
UL/TUV/CQC/IEC62955



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Characteristics



Contact Arrangement

Main contact 2 Form A
Auxiliary contact 1 Form B*

* can be used in safety circuits due to contact welding detection according to IEC 61810-3



Contact Gap

Main contact: 3.6mm
Auxiliary contact: 1.0mm



Contact Rating

Main contact 40A / 440VAC
Auxiliary contact: 1A / 277VAC



Short Circuit Current Rating

3kA short-circuit current compatibility

APPLICATIONS



Designed for EV charging applications according to IEC/EN 61851-1