

Hongfa Solution for Energy mangament



HFE82P/85P/88P series

HVDC RELAY

Fully compliant to IEC60947-4-1



Characteristics of HFE82P Series



Contact arrangement

Main contact 1 Form A+Auxiliary contact 1 Form B*

* Detection of main contact welding makes it possible to construct a safety circuit(according to IEC 61810-3)



Contact rating

Main contact : 20A-1000A,
750VDC/1000VDC/1500VDC
Auxiliary contact : $\geq 10\text{mA}/5\text{VDC}$



Impulse voltage

Rated impulse voltage : $U_{imp}=8\text{kV}$
Overvoltage level : III



Short circuit current rating

Meeting the requirements of 8kA short circuit current test

HFE82P Series



HFE82P-20



HFE82P-250W



HFE82P-1000



Characteristics of HFE85P Series



Contact arrangement

Main contact 1 Form A+Auxiliary contact 1 Form B*

* Detection of main contact welding makes it possible to construct a safety circuit(according to IEC 61810-3)



Contact rating

Main contact : 150A-300A

Auxiliary contact : $\geq 10\text{mA}/5\text{VDC}$



Contact gap

Overvoltage level III, rated impulse withstand voltage $U_{imp}=8\text{kV}$



Short circuit current rating

Meeting the requirements of 6kA short circuit current test

HFE85P Series



HFE85P-250



HFE85P-300



HFE85P-300M



Characteristics of HFE88P Series



Contact arrangement

Main contact 1 Form A+Auxiliary contact 1 Form B*

* Detection of main contact welding makes it possible to construct a safety circuit(according to IEC 61810-3)



Contact rating

Main contact :150-750A, 1500VDC

Auxiliary contact : $\geq 10\text{mA}/5\text{VDC}$



Impulse voltage

Rated impulse voltage: $U_{imp}=8\text{kV}$

Overvoltage level: III



Short circuit current rating

Meeting the requirements of 10kA short circuit current test

HFE88P Series



HFE88P-350



HFE88P-400



HFE88P-600