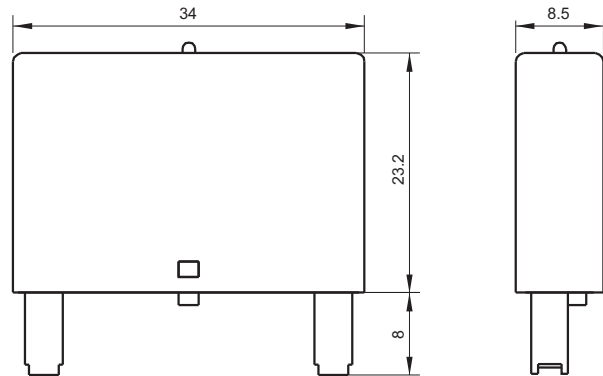


OUTLINE DIMENSIONS

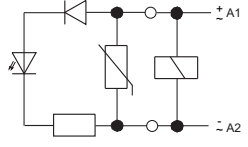
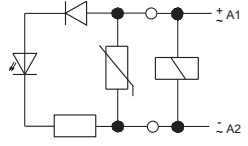
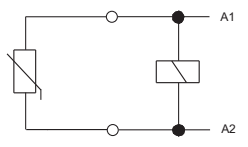
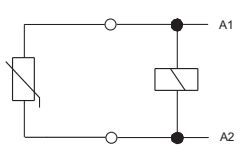
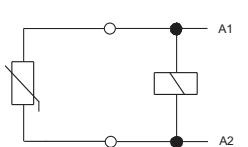
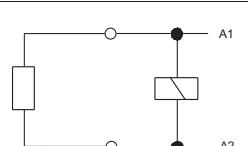


SPECIFICATIONS FOR MODULES

Ordering Code ¹⁾	Circuit Diagram	Voltage	Components	Functions
HFFAA		6 to 220VDC	Diode	<ul style="list-style-type: none"> ● With diode to protect the coil and to eliminate the converse current
HFFAB		6 to 220VDC	Diode	<ul style="list-style-type: none"> ● With diode to protect the coil and to eliminate the converse current
HFFBC (R) HFFBC (G)		6 to 24VDC	Diode LED Resistor	<ul style="list-style-type: none"> ● With diode to protect the coil and to eliminate the converse current ● With LED to show the coil in voltage
HFFBD (R) HFFBD (G)		24 to 60VDC	Diode LED Resistor	<ul style="list-style-type: none"> ● With diode to protect the coil and to eliminate the converse current ● With LED to show the coil in voltage
HFFBE (R) HFFBE (G)		110VDC	Diode LED Resistor	<ul style="list-style-type: none"> ● With diode to protect the coil and to eliminate the converse current ● With LED to show the coil in voltage



Ordering Code ¹⁾	Circuit Diagram	Voltage	Components	Functions
HFFCF (R) HFFCF (G)		6 to 24VDC	Diode LED Resistor	<ul style="list-style-type: none"> ● With diode to protect the coil and to eliminate the converse current ● With LED to show the coil in voltage
HFFCG (R) HFFCG (G)		24 to 60VDC	Diode LED Resistor	<ul style="list-style-type: none"> ● With diode to protect the coil and to eliminate the converse current ● With LED to show the coil in voltage
HFFCH (R) HFFCH (G)		110VDC	Diode LED Resistor	<ul style="list-style-type: none"> ● With diode to protect the coil and to eliminate the converse current ● With LED to show the coil in voltage
HFFDI		6 to 24V AC / DC	Capacitor Resistor	<ul style="list-style-type: none"> ● With RC to protect the coil and to absorb instant starting surge current
HFFDJ		24 to 60V AC / DC	Capacitor Resistor	<ul style="list-style-type: none"> ● With RC to protect the coil and to absorb instant starting surge current
HFFDK		110 to 230V AC / DC	Capacitor Resistor	<ul style="list-style-type: none"> ● With RC to protect the coil and to absorb instant starting surge current
HFFEL (R) HFFEL (G)		6 to 24V AC / DC	Diode LED Resistor	<ul style="list-style-type: none"> ● With diode to protect the coil and to eliminate the converse current ● With LED to show the coil in voltage
HFFEM (R) HFFEM (G)		24 to 60V AC / DC	Diode LED Resistor	<ul style="list-style-type: none"> ● With diode to protect the coil and to eliminate the converse current ● With LED to show the coil in voltage
HFFEN (R) HFFEN (G)		110 to 230VAC 110VDC	Diode LED Resistor	<ul style="list-style-type: none"> ● With diode to protect the coil and to eliminate the converse current ● With LED to show the coil in voltage
HFFFO (R) HFFFO (G)		6 to 24V AC / DC	Diode LED Resistor Varistor	<ul style="list-style-type: none"> ● With diode to protect the coil and to eliminate the converse current ● With LED to show the coil in voltage ● With varistor in parallel connection to absorb instant starting surge current

Ordering Code ¹⁾	Circuit Diagram	Voltage	Components	Functions
HFFFP (R) HFFFP (G)		24 to 60V AC / DC	Diode LED Resistor Varistor	<ul style="list-style-type: none"> ● With diode to protect the coil and to eliminate the converse current ● With LED to show the coil in voltage ● With varistor in parallel connection to absorb instant starting surge current
HFFFQ (R) HFFFQ (G)		110 to 230VAC 110VDC	Diode LED Resistor Varistor	<ul style="list-style-type: none"> ● With diode to protect the coil and to eliminate the converse current ● With LED to show the coil in voltage ● With varistor in parallel connection to absorb instant starting surge current
HFFGR		24VAC	Varistor	<ul style="list-style-type: none"> ● With varistor in parallel connection to absorb instant starting surge current
HFFGS		115VAC	Varistor	<ul style="list-style-type: none"> ● With varistor in parallel connection to absorb instant starting surge current
HFFGT		230VAC	Varistor	<ul style="list-style-type: none"> ● With varistor in parallel connection to absorb instant starting surge current
HFFHU		110 to 230VAC	Resistor	<ul style="list-style-type: none"> ● With resistor to protect the coil and to spread around current

1) When there is LED in the module, please indicate (R) or (G) to show the color of the light, for example HFBC(R) or HFBC (G). (R) means red light while (G) means green light.

Disclaimer

This datasheet is for the customers' reference. All the specifications are subject to change without notice.

We could not evaluate all the performance and all the parameters for every possible application. Thus the user should be in a right position to choose the suitable product for their own application. If there is any query, please contact Hongfa for the technical service. However, it is the user's responsibility to determine which product should be used only.

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