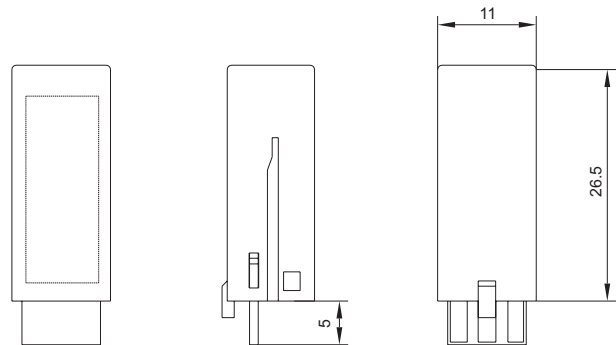


HFHAA to HFHHU

PLUG-IN MODULES



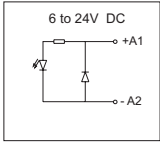
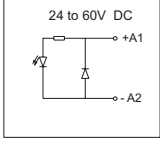
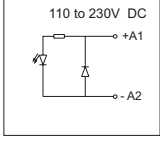
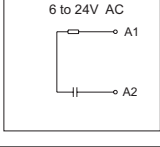
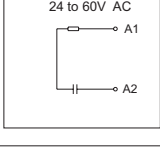
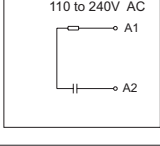
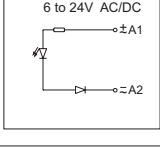
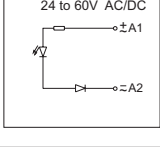
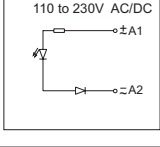
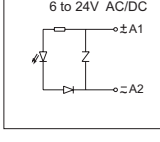
OUTLINE DIMENSIONS

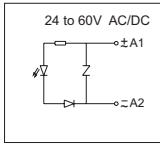
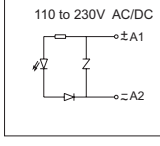
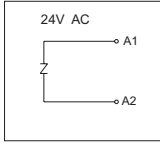
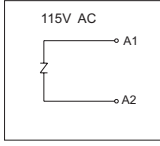
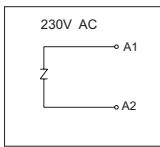
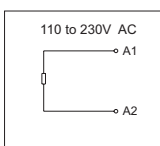


SPECIFICATIONS FOR MODULES

Ordering Code ¹⁾	Circuit Diagram	Voltage	Components	Functions
HFHAA		6 to 230VDC	Diode	<ul style="list-style-type: none"> ● With diode to protect the coil and to eliminate the converse current
HFHAB		6 to 230VDC	Diode	<ul style="list-style-type: none"> ● With diode to protect the coil and to eliminate the converse current
HFHBC (R) HFHBC (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
HFHBD (R) HFHBD (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
HFHBE (R) HFHBE (G)		110 to 230VDC	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
HFHCF (R) HFHCF (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
HFHCG (R) HFHCG (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
HFHCH (R) HFHCH (G)		110 to 230VDC	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
HFHDI		6 to 24VDC	Capacitor Resistor	<ul style="list-style-type: none"> ● With RC to protect the coil and to absorb instant starting surge current
HFHDJ		24 to 60VDC	Capacitor Resistor	<ul style="list-style-type: none"> ● With RC to protect the coil and to absorb instant starting surge current
HFHDK		110 to 230VDC	Capacitor Resistor	<ul style="list-style-type: none"> ● With RC to protect the coil and to absorb instant starting surge current
HFHEL (R) HFHEL (G)		6 to 24 VDC / VAC	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
HFHEM (R) HFHEM (G)		24 to 60 VDC / VAC	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
HFHEN (R) HFHEN (G)		110 to 230 VDC / VAC	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
HFHFO (R) HFHFO (G)		6 to 24 VDC / VAC	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
HFHFP (R) HFHFP (G)		24 to 60 VDC / VAC	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
HFHFQ (R) HFHFQ (G)		110 to 230 VDC / VAC	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
HFHGR		24VAC	Varistor	<ul style="list-style-type: none"> ● With varistor in parallel connection to absorb instant starting surge current
HFHGS		115VAC	Varistor	<ul style="list-style-type: none"> ● With varistor in parallel connection to absorb instant starting surge current
HFHGT		230VAC	Varistor	<ul style="list-style-type: none"> ● With varistor in parallel connection to absorb instant starting surge current
HFHHU		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.