# **General Purpose Switching Relay** HCR-6 Series

3/4 Hp 125/250 V ac • 12 FLA 60 LRA 15 A Res. @ 125 V ac • 6 FLA 35 LRA 15 A Res. @ 250/277





### **Description**

The HCR-6 Series relay can be used in many HVAC applications along with general purpose switching applications involving appliances and fan controls. The relay is a single pole or double pole unit that can be provided in various contact forms with power or pilot duty ratings.

#### **Features & Benefits**

FEATURES	BENEFITS
SPNO, SPDT, DPNO & DPDT switching configurations	Meets multiple application needs
Single make/single make contacts	Ideal for single contact arrangements
.250" (6.35 mm) quick connect terminals	For easy installation
Multi-positional mounting options	For increased flexibility
Dual coil terminals	Simplfies coil resetting

### **Applications**

- HVAC/R
- Standby Power Supplies
- Telephone Exchanges

# **Specifications**

Unit Weight 6.08 oz

Power Pole Terminations0.250" quick connectsCoil Terminal Connections0.250" quick connectsOperating Temperature-55 °C to 125 °C

Arrangement SPST-NO; SPST-NC; SPDT; DPST-NO; DPST-NC; DPDT

**Specification Special Function**Class B insulation system

Mounting Method Chassis Mount

Contact Material Silver Cadmium Oxide Alloy

Power Rating 3/4 Hp 125/250 V ac; 12 FLA 60 LRA 15 A Res. @ 125 V ac; 6 FLA 35 LRA 15A Res. @ 250/277 V ac;

3 FLA 18 LRA 12.5A Res. @ 480 V ac; 3 FLA 14 LRA 600 V ac

**Pilot Duty Rating** 1/10 Hp 125/250 V ac; 125 Va @ 125/250/480 VAC; 3 A 277 V ac

Mechanical Life Expectancy1 million cyclesElectrical Life Expectancy Resistive250,000 cyclesElectrical Life Expectancy Inductive100,000 cyclesNominal Coil PowerAC 9.5 VA



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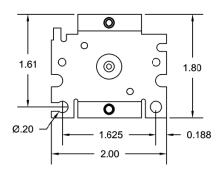
## **Certification & Compliance**

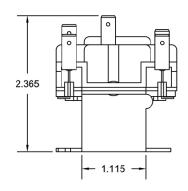
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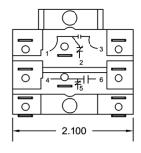
# **Ordering Information**

LITTELFUSE CATALOG NUMBER	SPECIFICATION CONTACTOR FORM PER CIRCUIT	FULL LOAD CURRENT INDUCTIVE	FULL LOAD CURRENT INDUCTIVE	FULL LOAD CURRENT RESISTIVE	LOCKED ROTOR CURRENT	SPECIFICATION LOCKED ROTOR CURRENT	SPECIFICATION PULL IN VOLTAGE	NOMINAL COIL VOLTAGE	WEIGHT
90340	DPDT	12 A @ 125 V ac	6 A @ 250/277 V ac	15 A	60 A @ 125 V ac	35 A @ 250/277 Vac	20.4 V	24 V	0.4 Lb
90341	DPDT	12 A @ 125 V ac	6 A @ 250/277 V ac	15 A	60 A @ 125 V ac	35 A @ 250/277 Vac	102 V	120 V	0.4 Lb
90342	DPDT	12 A @ 125 V ac	6 A @ 250/277 V ac	15 A	60 A @ 125 V ac	35 A @ 250/277 Vac	176 V	240 V	0.4 Lb

#### **Dimensions**







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