



# GUARDIAN ELECTRIC

Manufacturing Company

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### RELAY SERIES 1310H/1315H



#### FEATURES

4PDT, 3AMP, AC or DC  
Maximum endurance, ultimate reliability and unsurpassed versatility. Sturdy, heat resistant dust enclosure makes component fully capable of absorbing punishment in tough applications

SERIES 1310H/1315H Part Number		Nominal Volts	Coil Resistance (Ohms +/- 10%)	Attract Volts	Release Volts
4PDT N.O./N.C. SOLDER LUG	4PDT N.O./N.C. PC TERMINAL				
1310H-4C-6A	1310HP-4C-6A	6AC	13	4.8	1.8
<b>1310H-4C-12A</b>	<b>1310HP-4C-12A</b>	<b>12AC</b>	<b>45</b>	<b>9.6</b>	<b>3.6</b>
<b>1310H-4C-24A</b>	<b>1310HP-4C-24A</b>	<b>24AC</b>	<b>170</b>	<b>19.2</b>	<b>7.2</b>
1310H-4C-48A	1310HP-4C-48A	48AC	600	38.4	14.4
<b>1310H-4C-120A</b>	<b>1310HP-4C-120A</b>	<b>120AC</b>	<b>4500</b>	<b>96.0</b>	<b>36.0</b>
1310H-4C-240A	1310HP-4C-240A	240AC	15272	192.0	72.0
1315H-4C-6D	1315HP-4C-6D	6DC	40	4.8	0.6
<b>1315H-4C-12D</b>	<b>1315HP-4C-12D</b>	<b>12DC</b>	<b>160</b>	<b>9.6</b>	<b>1.2</b>

<b>1315H-4C-24D</b>	<b>1315HP-4C-24D</b>	<b>24DC</b>	<b>650</b>	<b>19.2</b>	<b>2.4</b>
1315H-4C-48D	1315HP-4C-48D	48DC	2600	38.4	4.8
<b>1315H-4C-110D</b>	<b>1315HP-4C-110D</b>	<b>110DC</b>	<b>11000</b>	<b>80.0</b>	<b>10.0</b>

Standard products are designated by bold type.



**Contact Data**

**Arrangement**

4C 4PDT N.O./N.C.

**Material**

Silver Cadmium Oxide

**Ratings**

3A 28VDC/220VAC Resistive Load.

**Resistance**

50 Milliohms

**Life Expectancy**

**Rated Load:** 100,000

**Mechanical:** 1,000,000

**Temperature Range:**

-40°C to 55°C

**Coil Data**

See Data Chart

**Range**

6 - 110VDC

6 - 240VAC

**Duty Cycle**

Continuous

**Max Coil Voltage**

120% Nominal

**Attract**

DC 80% Nominal

AC 80% Nominal

**Release**

DC 10% Nominal

AC 30% Nominal

**Timing**

Operate 13 Milliseconds

Release 10

Milliseconds

**General Data**

**Dielectric Strength:**

Between Contact Sets & Contacts

500 VAC

Between Coil &

Contacts 1500VAC

**Vibration**

10-55Hz.

1.0 mm Double

Amplitude

**Shock**

6G

**IR**

1500 Megohms min.

**Terminal Type**

PC & Solder Lug

**Weight**

40 gms.