

## HG30T HID Lighting Control Relay

- ▶ Permanent-magnet latching machinery
- ▶ HG9F easy to install mounting bracket
- ▶ Long life contact design
- ▶ Screw-nut embedding for easy wiring

### ■ Order Information

Model Number	Product Name	Rating	Packing
<b>HG30T25A1PX</b>	HID latching relay	25A @ 300VAC 25A @ 480VAC 1Pole Latching, HID  (Din-Rail: Available Bracket: HG9F Aux.Switch: Yes)	50PCS/Carton
<b>HG9F10P</b>	Bracket clip	-	50PCS/Carton

■ **Specification**

**Contact**

Arrangement	SPST, Latching
Contact	6mm dia.silver alloy * 4
Rating	<p>General use: 25A @ 300VAC; 25A @ 347VAC 25A @ 480VAC; 25A @ 347VAC</p> <p>Tungsten: 3,000W @ 120VAC 3,000W @ 220VAC</p> <p>Electric discharge lamp: 25A @ 300VAC; 25A @ 347VAC</p> <p>Motor Load: 25A, <math>\cos\phi = 0.4</math>, 110-277VAC</p>

**Auxiliary Contact**

Arrangement	SPST, latching
Contact material	Silver alloy
Rating	1A 125VAC

**Wiring Suggestion**

Main contact terminal	12#-14#AWG copper wire
Input terminal	16#-20#AWG copper wire
Terminals tightening torque	4.3-10.4inch-lbs(screw nut lock-clip)

**Characteristics**

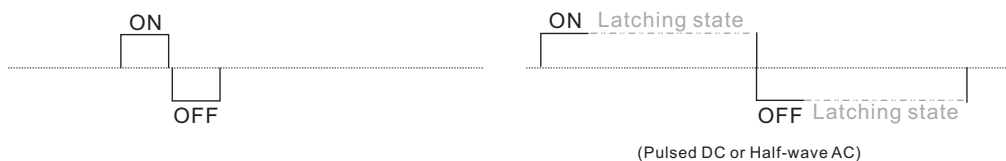
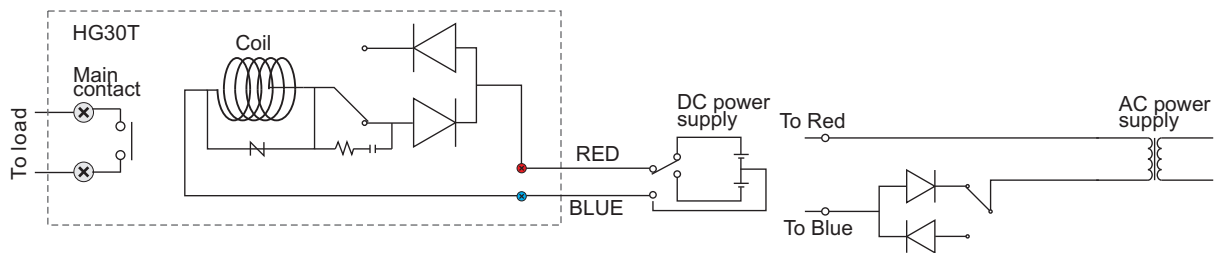
Electric life	200,000 operations at full load, at 20cpm
Mechanical life	1,000,000 operations at full load, at 20cpm
Inrush capacity	2,000A
SCCR	14,000A
Initial insulation resistance	More than 100MΩ@500VDC
Dielectric strength	2,500V for 1 minute
Ambient Temp.	-30 ~ +55°C
Temperature rise	Max. 65°C

**Coil**

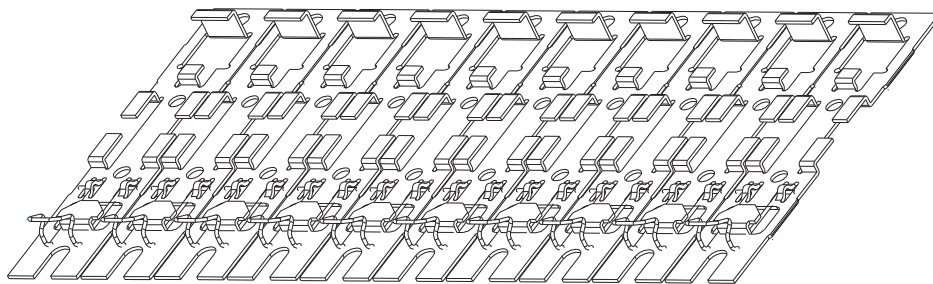
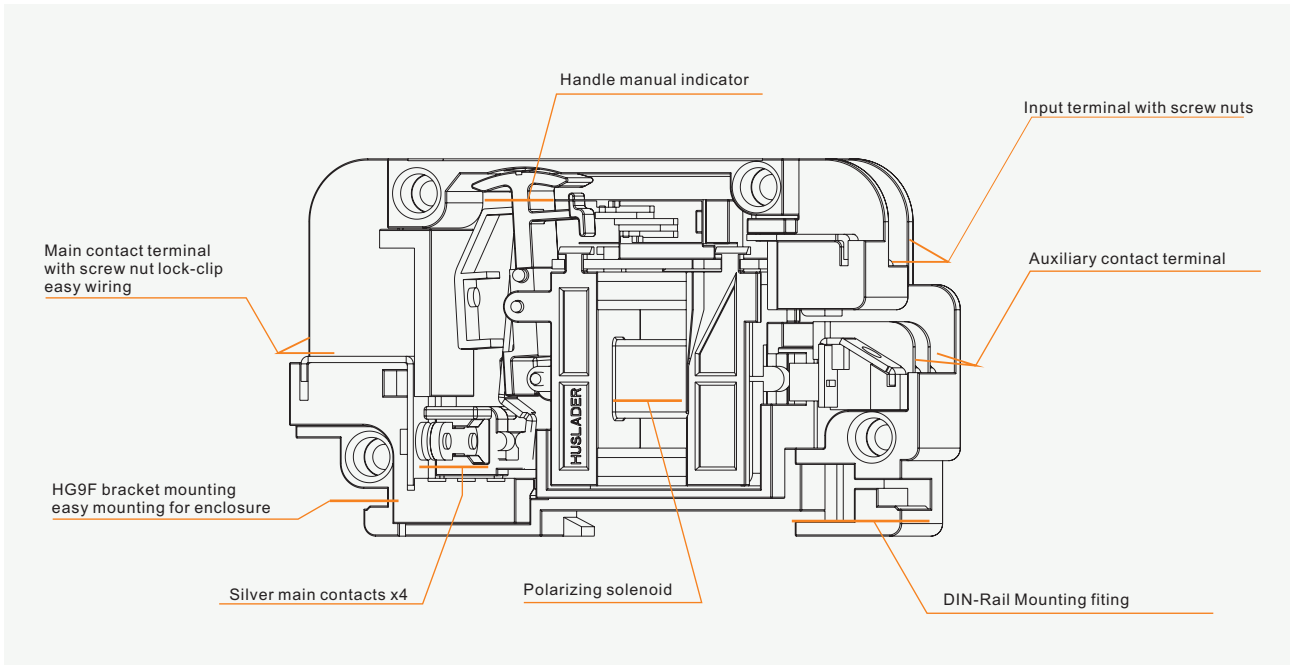
Operating voltage	18 - 30V pulsed DC	Reversible polarity
	18 - 30V half-wave rectified AC	
Min.input duration	8m sec	
Nominal operating current	350mA	

Notice:  
\* Continuous input power supply to relay coil prevents the operation lever from being switched manually.

■ **Drive Principle**



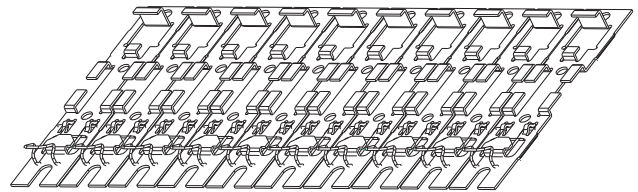
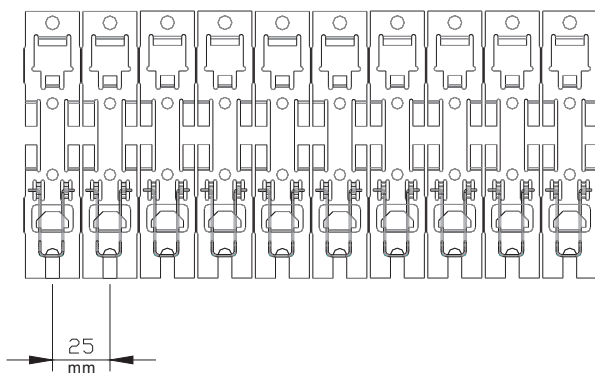
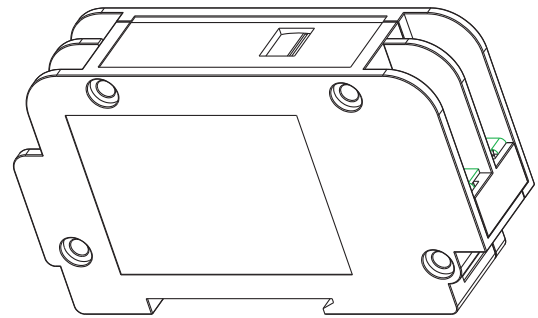
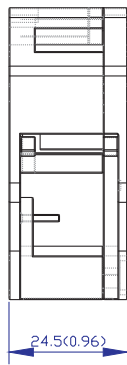
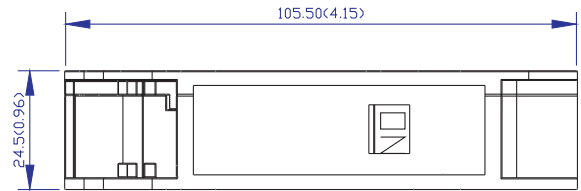
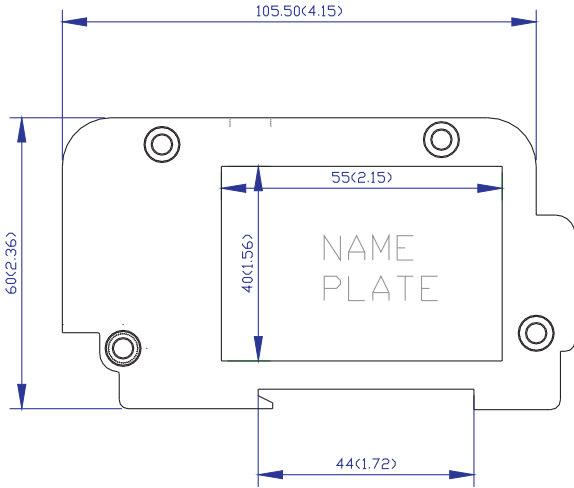
■ Inner Construction Overview



**HG9F bracket(10poles)**

■ Outline Dimension

Unit: mm(in)



**HUSLADER**  
Lighting controls

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