Pre-charge Relay Model:HA **Dimensions** Contact **Basic Performance** Max. DC400V Operating voltage **Wiring Diagram** Contact current (Fig.1) 0.1~15A 30 Voltage drop loss Max. 0.5V (at15A) between contacts 35.5 DC12V Rated voltage Rated coil current 0.057±0.011A (at 20°C) (Between terminal ①and②) Coil resistance 210Ω Operating temp. and voltage range (Fig.2) Operating voltage 6.8~16V (at20°C) Pull-in voltage Max. 6.8V (at20°C) Drop-out voltage 1.0~3.5V (at20°C) Time rating Continuous operation With 1000V megger Insulation resistance Min. 100MΩ under normal temp. and normal humidity Installation position Cabin Pre-charge, Charge Application

Note

Fig.1 Operating temp. and current range

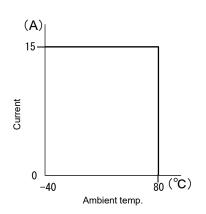


Fig.2 Operating temp. and voltage range

The specifications are initial value

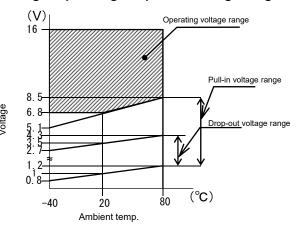


Table 1. Durability Performance (Coil voltage : $at14\pm0.5V$)

Operation time	100,000
Maximum contact current	15A @ DC360V ,(1time)