



Part No.

HSR

Single Phase Solid State Relay

ISO9001 ISO14001

Features:

- ⇒ Size :57.3×44.8×31.7 (mm)
- ⇒ Optoelectronic isolation
- ⇒ Dielectric Strength 2500VAC
- ⇒ LED Indicator
- ⇒ RC absorption circuit
- ⇒ RoHS compliant
- ⇒ CE Approval



Ordering Information

HSR - 1 - DA - 48 - 10 - R
 ① ② ③ ④ ⑤ ⑥

① **Part No.:**

HSR

② **Phase:**

1: Single phase 3 : Three Phase

③ **Control type :**

DA: DC -AC AA: AC-AC DD:DC-DC

④ **Load voltage:**

48: 24~480V

⑤ **Load current:**

10:10A 25:25A 40:40A 60:60A
 80:80A 100:100A 120:120A 150:150A

⑥ **Switching Model:**

Nil: Zero-cross R:Random

Specification

	AC to AC	DC to AC	DC to DC	Voltage Regulator
Model	HSR-1AA	HSR-1DA	HSR-1DD	HSR-1VD
Load voltage (V)	24~480	24~480	6~220	6~220
Load current (A)	10, 15, 20, 25, 40, 50, 60, 80, 90, 100,120,150			
Control Voltage	70~280(VAC)	3~32(VDC)	3~32(VDC)	
Control Current(mA)	8~40	8~40	8~40	
On Voltage Drop(V)	≤1.5	≤1.5	≤1.5	
Off Leakage Current(mA)	≤2	≤2	≤2	
Dielectric Strength(VAC)	≤2500			
Insulation Resistance(mΩ)	100			
On-Off time (mS)	≤10		≤10	
Action State Indication	LED			
Ambient Temperature	30°C+75°C			

Load Current Resistance Above 10A Must Be Set Radiator

Dimension (mm) and Wiring diagram

