

HHG1-3 Series Solid State Relay



Model and Description

HHG1-3 / 032 F - 38 40A

Rated load current
 Rated load voltage
 38: Output voltage 40-440VAC
 Sealed
 Input voltage:
 014: Input voltage DC3-14V
 032: Input voltage DC3-32V
 250: Input voltage 90-250VAC
 Output:
 3: Three phase AC output
 Model



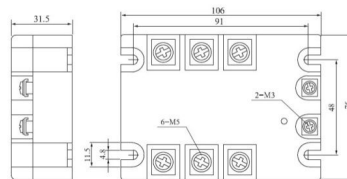
Specification

Dimension	106mm*75mm*31.5mm	
Model	HHG1-3/032F-38 40A	HHG1-3/250F-38 40A
Description	Three phase(Input DC, Output AC)	Three phase(Input AC, Output AC)
Control voltage	014: 3-14VDC 032: 3-32VDC	250: 90-250VAC
Control current	5-28mA	5-30mA
Turn-on voltage	3VDC	90VAC
Turn-off voltage	1VDC	10VAC
Reverse voltage	32VDC	/
Load voltage	38: 40-440VAC	
Load current	10A, 15A, 20A, 25A, 30A, 40A, 60A, 80A, 100A, 120A	
Instant voltage	38: 1000VAC	
On-state voltage drop	<1.6VAC	
On-off time	≤10mS	
Off-state leakage current	≤10mA	
Dielectric strength	≥2500VAC	
Insulation resistance	500mΩ(500VDC testing)	
Ambient temperature	-30~80℃	
Indicate methods	LED	
Installation	Screw	
Remarks	1. Load current > 10A , a radiator is necessary, Load current > 80A, fan is necessary. 2. When controlling inductive load, a varistor is necessary and its voltage could be 1.6-1.9 times of load voltage	

Packing	Inner box	1PCS/Paper box
	Outer box	30PCS/CTN
	CTN size	380mm*215mm*175mm
Weight	10A≈365g, 1CTN/30PCS G.W: 12KG, N.W: 11KG	
	40A≈460g, 1CTN/30PCS G.W: 15KG, N.W: 14KG 80A≈500g, 1CTN/30PCS G.W: 16KG, N.W: 15KG 120A≈500g, 1CTN/30PCS G.W: 17KG, N.W: 16KG	

Radiator (Optional)	HH034	HH035	HH036	HH037	HH038

Wiring Diagram



HHG1-3/032F-38 □A & HHG1-3/014F-38 □A

HHG1-3/250F-38 □A

