

HHG1A-3 Series Solid State Relay



Model and Description

HHG1	A - 3	/	032	F -	38	80A
						Rated load current
						Rated load voltage
					38:	Output voltage 40-440VAC
					120:	Output voltage 60-1200VAC
						Sealed
						Input voltage:
					032:	Input voltage DC3-32V
						Output:
					3:	Three phase AC output
						Type:
					A:	Enhanced mode
						Model



Specification

Dimension	238mm*125mm*177mm	
Model	HHG1A-3/032F-38,120 60-350A	
Description	Three relay integrated three phase(Input DC, Output AC)	
Control voltage	032: 3-32VDC	
Control current	6-35mA	
Turn-on voltage	3VDC	
Turn-off voltage	1VDC	
Reverse voltage	32VDC	
Load voltage	38: 40-440VAC	
	120: 60-1200VAC	
Load current	60A, 80A, 100A, 120A, 150A, 200A, 250A, 300A, 350A	
Instant voltage	38: 1000VAC	
	120: 1600VAC	
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
	Outer box	1PCS
	CTN size	380mm*215mm*175mm
	Weight	1PCS≈4520g, 1CTN/1PCS G.W: 6KG, N.W: 5KG

Wiring Diagram

