

Product SPECIFICATION SHEET

HHG1F



CHARACTERISTICS

Controlling Voltage	005:5VDC, 024:12-32VDC
Controlling Current	8-20mA
Make-on Voltage	005:4.5~5.5V, 024: 12~32V
Break-off Voltage	1VDC
Reverse Voltage	$\geq 200\text{mS}$ (time between forward and reverse)
Load Voltage	38:40-440VAC,
Load Current	005:10 ~ 40A, 024:10 ~80A
Instant Voltage	38:1600VAC.
Voltage Drop in On	$\leq 1.6\text{VAC}$

On-off Time	$\leq 10\text{mS}$
Leakage Current in off	$\leq 10\text{mA}$
Dielectric Strength	$\geq 2500\text{VAC}$
Insulation Resistance	500M Ω (at 500VDC)
Ambient Temp.	-30~80°C
Weight	$\approx 370\text{g}$
Indicate Methods	Led
Dimensions	106x75x39(LxWxH)mm
Wirinig Diagram	See Page-2

ORDERING INFORMATION

e.g

HHG1F-3 / 005F-38 10A

① ② ③ ④

① Series: HHG1F-3 series(SSR-DA)

② Controlling Voltage: 005:5VDC, 024:12-32VDC

③ Load Voltage : 38:40-440VAC

④ Load current : 005:10A,15A,20A,25A, 30A, 40A.
024:10A,15A,20A,25A, 30A, 40A,60A,80A.

BRANCH CONTACT DETAILS

Johannesburg 010 202 3300
Germiston 011 418 9600
Cape Town 021 510 0710
Pinetown 031 700 4215
Riverhorse 031 492 4800

NATIONAL CALL CENTRE

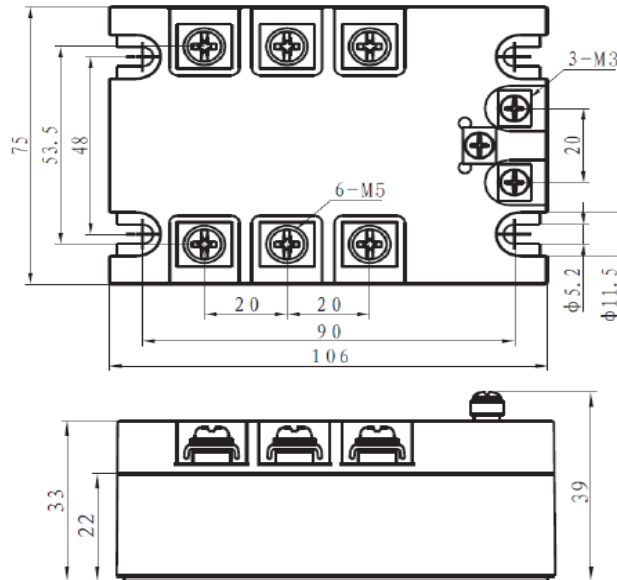
Sales 010 202 3400
Technical 010 202 3500

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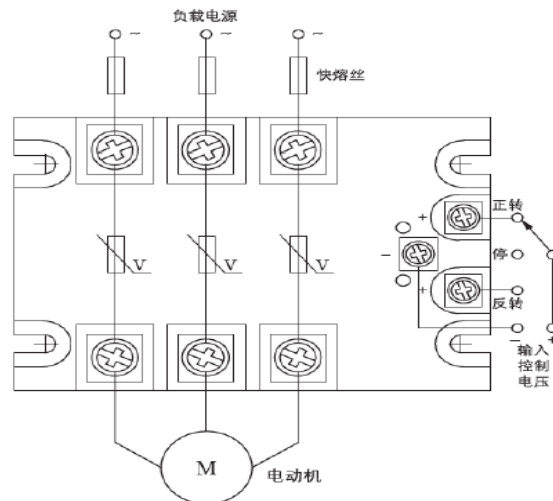
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DIMENSIONS (Unit: mm)



WIRING DIAGRAM:



Remarks:

1. Input power must be DC Voltage and Output power must be AC Voltage.
2. Please make correct polarity connection for input and output power.
3. If the SSR with load above 10Amps, it must be mounted onto heat sink. It should be mounted onto fan-cooling or water-cooling if the load above 80Amps.
4. It is zero-cross type.

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