

Product SPECIFICATION SHEET



- High load voltage - up to 480VAC
- 4 - 32VDC or 90 - 250VAC control voltage
- Zero cross-over or Random switching
- LED input indicator
- Finger protected terminals
- RoHS Compliant
- UL approved

Output (load)

Load type		3PST-NO (3 N/O) Resistive
Load current		10A, 20A, 25A, 30A, 40A, 60A, 80A, 100A or 120A
Load switching voltage	AC V _{rms}	24 - 240V, 40 - 480V
Maximum peak voltage	AC V _{pk}	900V
Switch type		Zero Cross (std) or Random
On voltage drop	V AC	1.5V
Leakage current (off state)	mA	≤ 7mA

Input (control)

Control voltage	V	D: 4 - 32VDC or A: 90 - 250VAC
Control current	mA	< 20mA
Turn-on voltage	V _{min}	D: 3VDC / A: 90VAC
Turn-off voltage	V	D: 1VDC / A: 10VAC

Insulation

Insulation resistance		≤ 500MΩ at 500VDC, 50%RH
Dielectric strength	V AC	≥ 2500V

General Data

Operating time	mS	approx 1/2 cycle of load frequency + ≤1ms (zero x-over)
Release time	mS	approx 1/2 cycle of load frequency + ≤1ms (zero x-over)
Dimensions	L x W x H	106 x 75 x 38mm
Weight		various 365g 10A ~ 500g 80A
Ambient temperature	storage	-30 to 80°C
	operating	-30 to 80°C (with derating). A heat sink may be required.

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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Ordering Code

HHG1-3 / 032 F - 22 - 40 Z

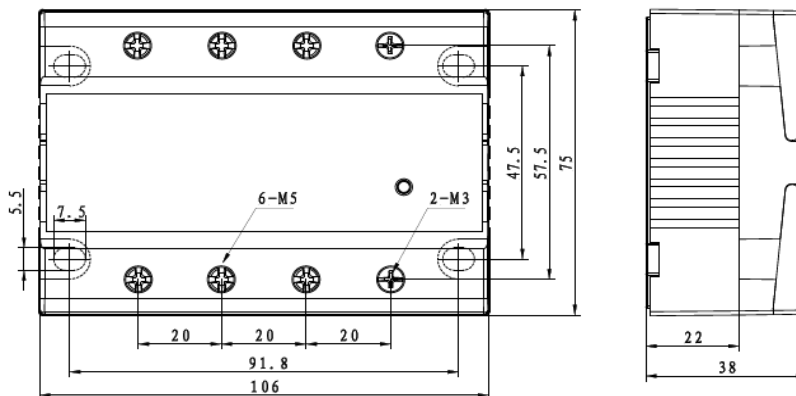
Z - Zero Cross-over switching
R - Random switching (to special)

10,25,40,60, or 80 Amps

22 = 30 to 240VAC
38 = 40 to 440VAC

032 - 3~32VDC
250 - 90~250VAC

Dimensions



Dimensions in mm

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