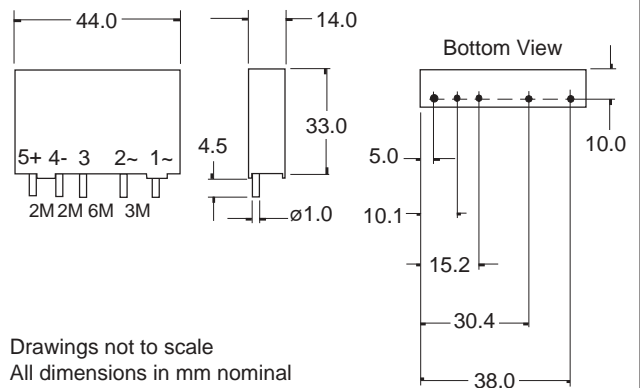
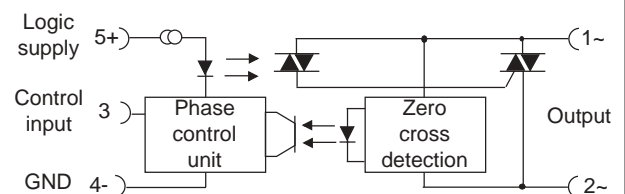


SPECIFICATION

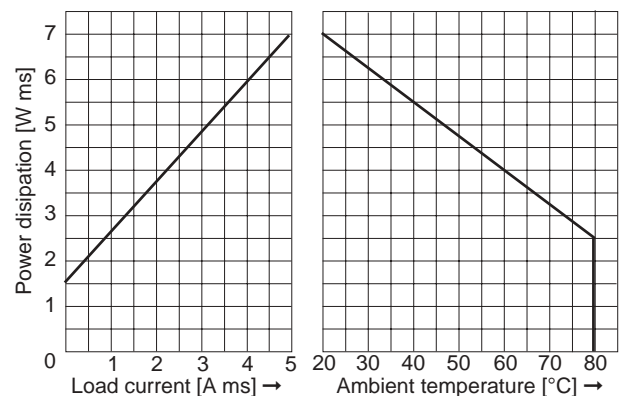
Switching Type		phase control
Approvals		none
Output		triac
Application Fields		softstart and phase control
Input Circuit		
Supply Voltage	V	3 - 32 DC
Supply Current Max.	mA	max. 1 mA
Control Voltage	VDC	0.6 - 40 VDC
Control Current	Ω	0 - 5 mA
Output Circuit		
Load Voltage Range	V rms	140 - 280 AC
Peak-off-state Voltage	V _{drm}	600
Off-state Leakage Current	mA _{eff} Max.	8
Load Current Range	A rms	0,1 - 5
Surge Current 1 half wave	A peak	100
1 st for Fusing	A ² s	50
On-state Voltage	V peak	1,6
Off-state (Static) dv/dt	V/ μ s	200
Snubber	Ω ; nF	none
General Data		
Turn-on Time Max.	ms	controllable
Turn-off Time Max.	ms	11
Line Frequency Range	Hz	47 - 63
Isolation Voltage between:		
- Input / Output	V rms	4.000
- Input-output/base	V rms	-
Isolation Resistance	M Ω	50
Operating Temperature	$^{\circ}$ C	-20 ... +80
Recommended Varistor		SIOV-S14 K230



Circuit Diagrams



Derating diagram WG A8 6 05 PC


SOLID STATE RELAY
 1-phase for AC loads and PCB mounting

 PART NUMBER
WG A8 6 05 PC

Rev. No.	Revision Note	Date	Signature
A	Web Site 2002	1-6-02	RG

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