



Drawings not to scale
All dimensions in mm (inches) nominal

CONTACT RATING	Conditions	Symbol	Min.	Typ.	Max.	Units
SWITCHING VOLTAGE	DC / Peak AC Resistive	V_L			500	Volts
SWITCHING CURRENT	DC / Peak AC Resistive	I_L			2	Amps
CARRY CURRENT (24 h)	DC / Peak AC Resistive	I_C			5	Amps
CONTACT RATING	DC / Peak AC Resistive				100	Watts
OPERATING FREQUENCY		f			200	Hz
LIFE EXPECTANCY	1.0V 10mA 50V,1A 500V, 100mA		1000 3 50			$\times 10^6$ Ops $\times 10^6$ Ops $\times 10^6$ Ops
DELTA	See note 1		30		60	AT
INSULATION RESISTANCE	500V, 25°C 40% RH		10^8			Ω
CAPACITANCE	Across Open Contacts			0.7		pF
DIELECTRIC STRENGTH	Between Contacts	I/O	2000			VAC
OPERATE TIME	2 times Operate at 20 Hz Sq. Wave 50% DC	T_{OP}			1.5	msec.
RELEASE TIME	Zener-Diode Suppression	T_{rel}			1.5	msec.
TRANSFER TIME		a	50		300	μ sec
DRAIN TIME		a			5	sec
STATIC CONTACT RESISTANCE	50mV, 10mA	CR			30	m Ω
CONTACT MATERIAL				Hg		
Hg CONTENT				0.32		g
STORAGE TEMPERATURE		T_A	-40		+125	°C
OPERATING TEMPERATURE		T_O	-38		+125	°C
SOLDERING TEMPERATURE	<10 sec at 260°C			+260		°C
VIBRATION RESISTANCE (Survival)	10 Hz - 500 Hz	G			10	g
SHOCK RESISTANCE (Survival)	11 ± 1ms, 1/2 Sine Wave	S			30	g
WEIGHT					1.16	grams

NOTE 1: Measured in testcoil EN119000-15, test system 2. Operate value has a tolerance of ±2 AT.

NOTE2: All parameters are at 25°C unless otherwise stated.

Ordering Information
PART NUMBER HGW 08 30 60

REED SWITCH - Wetted Contact

PART NUMBER
HGW 08 30 60

Rev. No.	Revision Note	Date	Signature
A	Web Site 2000	1-1-00	RG

As part of the company policy of continued product improvement, specifications may change without notice. Our sales office will be pleased to help you with the latest information on this product range and details of our full design and manufacturing service. All products are supplied to our standard conditions of sale otherwise agreed in writing.