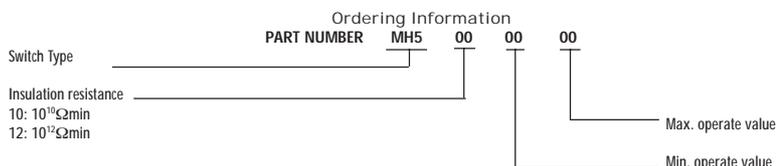


Drawings not to scale
All dimensions in mm (inches) nominal

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			2	Amps
CONTACT RATING	DC / Peak AC Resistive				50	Watts
OPERATING FREQUENCY		f			300	Hz
LIFE EXPECTANCY	1.0V 10mA		500			$\times 10^6$ Ops
	50V,1A		1			$\times 10^6$ Ops
	500V, 100mA		5			$\times 10^6$ Ops
	48V, 100mA		50			$\times 10^6$ Ops
OPERATE AT RANGE	See note 1		30		65	AT
RELEASE AT RANGE	See note 1		12			AT
INSULATION RESISTANCE	500V, 25°C 40% RH		x			Ω
CAPACITANCE	Across Open Contacts			0.3		pF
DIELECTRIC STRENGTH	Between Contacts	I/O	1500			VAC
OPERATE TIME	1.5 times Operate at 20 Hz Sq. Wave 50% DC	T_{OP}		0.85	1.2	msec.
RELEASE TIME	Zener-Diode Suppression	T_{rel}		0.8	1	msec.
STATIC CONTACT RESISTANCE	50mV, 10mA	CR			30	m Ω
CONTACT MATERIAL				Hg		
Hg CONTENT				10		mg
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			20	g
SHOCK RESISTANCE (Survival)	11 ± 1ms, 1/2 Sine Wave	S			50	g
WEIGHT				0.2		grams

NOTE 1: Measured in testcoil EN119000-09. The given Operate Value has a tolerance of ± 2 AT.

NOTE 2: All parameters are at 25°C unless otherwise stated.



Example: Type MH5 10 40 60 - MH5 switch Insulation resistance $10^{10}\Omega$ min. Operate value is between 40 and 60 AT.

**REED SWITCH -
Non-Position Sensitive 1 f A wetted switch**

PART NUMBER
MH5

Rev. No.	Revision Note	Date	Signature
B	Web Site 2002	1-4-02	RG

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