Misensor
Your Sensing Solutions
Sensors Switches Relays

High Current Mercury Reed Relay

Product Feature

- High Power Mercury Reed Relay
- High Carry Current
- Low Contact Resistance
- Excellent Lifetime Characteristics

Specifications (All parameters are at room temprature unless otherwise stated)

Parameters	Units	Form 1C			Test Conditions
■ *Coil Specifications*					
Coil Voltage	VDC	5.0	12	24	Normal
Operating Voltage	VDC	7.0	16	29	Max.
Pull-in Voltage	VDC	4.0	9.0	18	Max. at room temprature
Drop-out Voltage	VDC	0.5	1.0	2.0	Min. at room temprature
Coil Resistance	ohm	125	685	2650	±10% @ 20˚C
■ *Contact Ratings*					
Contact Rating	W		100		Max.
Switch Voltage	VACpeak/VDC		500		Max.
Switch Current	A		2.0		Max.
Carry Current	A		5.0		Max.
Breakdown Voltage	VACpeak/VDC		2000		Min.
Contact Resistance	mohm		30		Static Max.
Life Expectancy	$\times 10^6$Cycle		2000		at 1.0V 10mA
■ *Relay Specifications*					
Breakdown Voltage	VACpeak/VDC		2000		Min.
Dielectric Strength Contact/Coil	VACpeak/VDC		2000		Min.
Insulation Resistance Contact/Contact	ohm		10^9		Min. RH<45%, 100V
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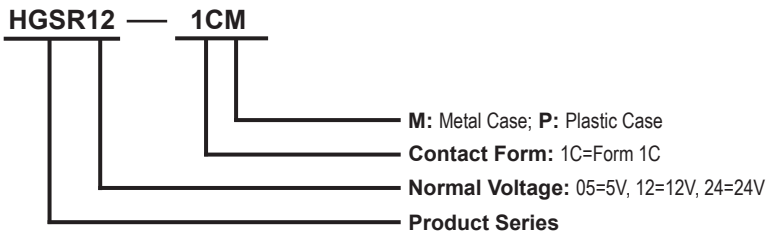
Operate Time,(no Bounce)	ms		1.25		Max.
Reset Time	ms		1.25		Max.
Capacitance between open contacts	pF		4.0		Max.
Capacitance Contacts to coil	pF		10.0		Max.
■ *Environmental Ratings*					
Storage temp	˚C		-20~+105		
Operate temp	˚C		-20~+85		

Order Information

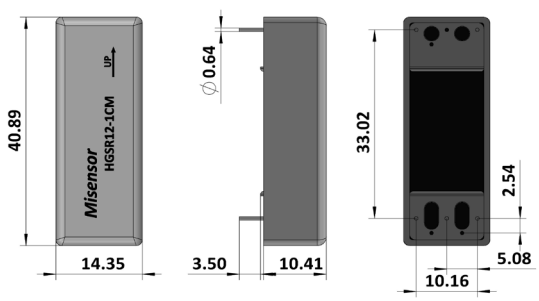


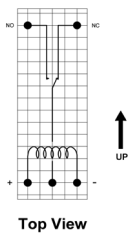
Mechanical Dimensions

All Dimensions in mm

Schematic(Top View)

Form 1C





Mailbox:
Sales@misensor.com

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