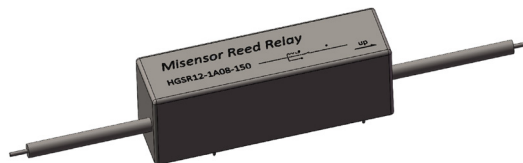


High Voltage Mercury Reed Relay

HGSR Series

Product Feature

- High Power Mercury Reed Relay, Dielectric Strength up to 8000VDC
- High Carry Current up to 100A(Pulse Carry Current)
- Low Contact Resistance
- Excellent Lifetime Characteristics
- High Insulation Resistance up to 10^{10}
- Custom design available for lay out



Specifications

Coil Specifications	Units	Conditions	Form 1A		
Nominal Coil Voltage	VDC		05	12	24
Max Operating Voltage	VDC		7.0	16.0	29
Max Pull-in Voltage	VDC	@20°C	4.0	9.0	18
Min Drop-out Voltage	VDC	@20°C	0.5	1.2	2.4
Coil Resistance	ohms	±10% @20°C	30	200	300

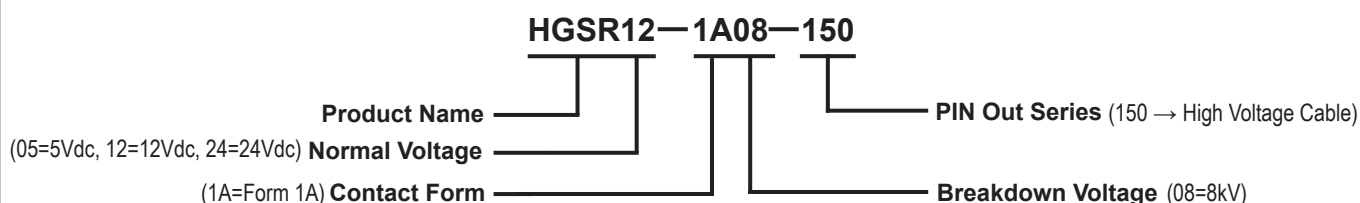
Contact Ratings

Max Contact Rating	W	Any DC combination of V&A not to exceed their individual max.'s	250
Max Switch Voltage	V	DC or AC peak	8000
Max Switch Current	A	DC or AC peak	5.0
Max Carry Current	A	DC or AC peak	10.0
Max Breakdown Voltage	V	DC or AC peak	8000
Contact Resistance	mohm	Maximum	50

Relay Specifications

Breakdown Voltage	V	DC or AC peak	8000
Isolation Contact to Coil	V	DC or AC peak	9000
Insulation Resistance Contact to Coil	ohms	Minimum, RH<45%, 200VDC test voltage	10^{10}
Operate Time, incl. Bounce	ms		10.0
Reset Time	ms		6.0
Cpaccitance Across Contact	pF		0.8
Storge Temprature	°C		-20 to +80
Operating Temprature	°C		-10to +60
Soldering Temprature	°C		5 sec. max 260

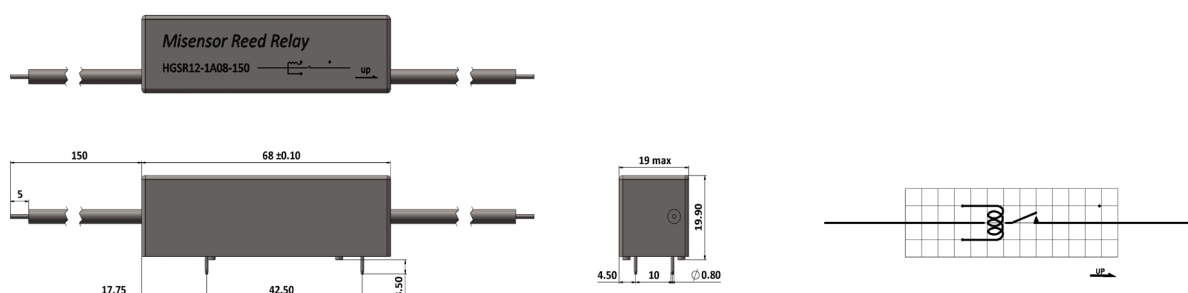
Order Information



Mechanical Dimensions

All Dimensions in mm

Top View



Mailbox:

Sales@misensor.com