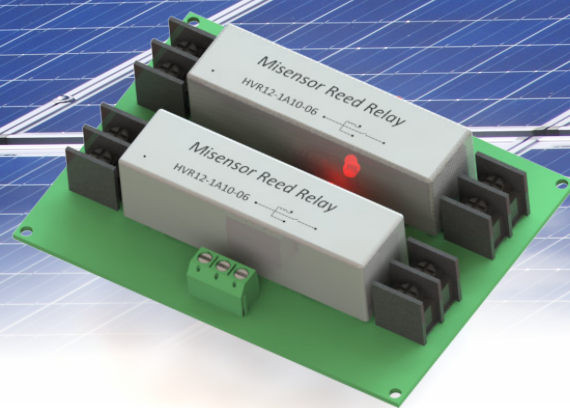


SHR SENSOR RELAY CO LTD
www.mi-relay.com
www.reed-relay.com
sales@reed-relay.com

www.reed-relay.com



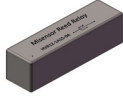
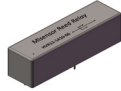


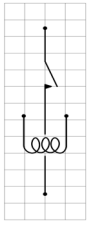
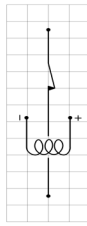
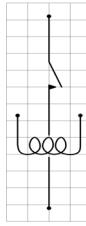
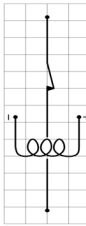


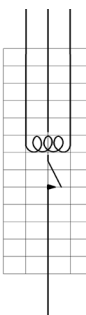
HV Reed Relays

高压继电器

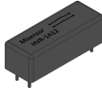

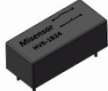



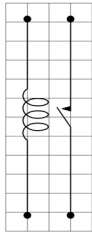
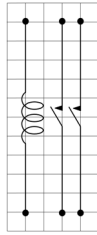
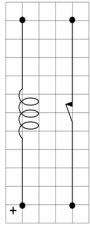
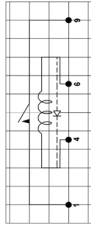
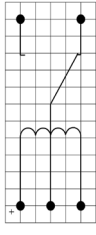
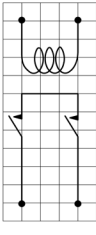
Mercury Reed Relays

水银继电器

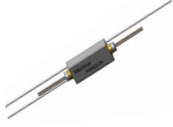
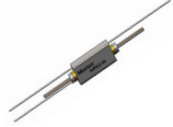
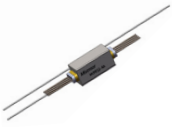


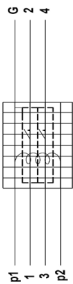


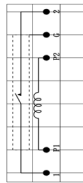
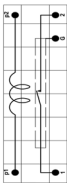
High Voltage & High Insulation Reed Relay

	10KV/15KV High Voltage Reed Relay			High Insulation Reed Relay			
产品外观 Appearance							
产品系列 Misensor Series No.	-04 series	-06 series	-150 series	HRX			
产品尺寸 Size(L×W× H)(mm)	68×19×19			54×17×17			
产品特性 Feature	<ul style="list-style-type: none"> • High Dielectric Strength Up to 15kV • Hermetically sealed for long life • Low Contact Resistance • Excellent Lifetime Characteristics • Custom Design Available For Coil Resistance And Pin Out. 						
■ Contact Rating							
触点形式 Contact Form	1 Form A						
线圈规格 Coil Rating Voltage	05V,12V,24V						
触点功率 Contact Rating	50W						
触点电流 Contact Current	3.0A						
触点载流 Carry Current	5.0A						
切换电压 Switching Voltage	7000V/10000V						
击穿电压 Breakdown Voltage	10000V/15000V						
■ Relay Specifications							
接触电阻 Contact Resistance	150mohm						
绝缘电阻 Insulation Resistance	1.0×10 ¹² ohm			1.0×10 ¹³ ohm			
机械寿命 Mechanical Life							
电气寿命 Electrical Life							
动作时间 Operate Time	3.0ms						
释放时间 Release Time	1.5ms						
原理图 Layout(Top View)	Form A 	Form B 	Form A 	Form B 	Form A 	Form B 	Form A 

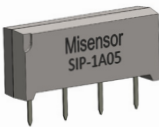
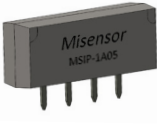
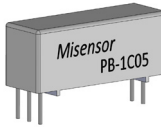
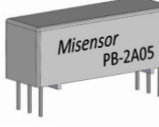
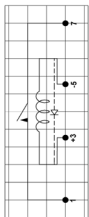
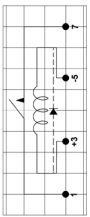
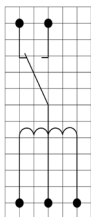
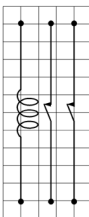
High Voltage & High Insulation Reed Relay

	4000V High Voltage Reed Relay					6000V HV Reed Relay
产品外观 Appearance						
产品系列 Misensor Series No.	1 Form A	2 Form A	1 Form B	SIP-HV	1A+1B	2A06
产品尺寸 Size(L×W×H)(mm)	30.3×11.3×10	30.9×13.4×10	30.9×13.4×10	24.1×6.2×8.1	33×15.3×10	30.9×13.4×10
产品特性 Feature	<ul style="list-style-type: none"> • High Dielectric Strength Up to 4kV or 6kV • Hermetically sealed for long life • Low Contact Resistance • Excellent Lifetime Characteristics • Custom Design Available. 					
■ Contact Rating						
触点形式 Contact Form	1 Form A	2 Form A	1 Form B	1 Form A	Form 1A+1B	2 Form A
线圈规格 Coil Rating Voltage	5V,12V,24V					
触点功率 Contact Rating	100W					
触点电流 Contact Current	1.0A					
触点载流 Carry Current	2.5A					
切换电压 Switching Voltage	1000VDC					
击穿电压 Breakdown Voltage	4000V					6000V
■ Relay Specifications						
接触电阻 Contact Resistance	150ohm					
绝缘电阻 Insulation Resistance	1.0×10 ¹² ohm					
机械寿命 Mechanical Life						
电气寿命 Electrical Life						
动作时间 Opreate Time	1.0ms					
释放时间 Release Time	0.1ms					
原理图 Layout(Top View)						

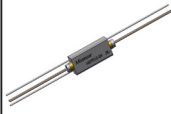
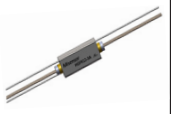
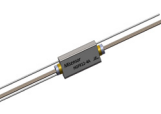

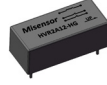
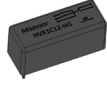
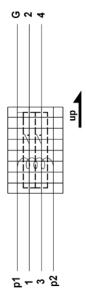
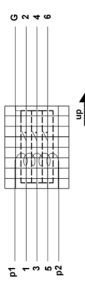
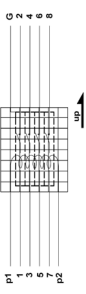
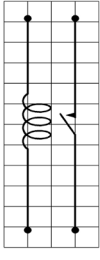
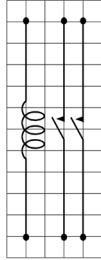
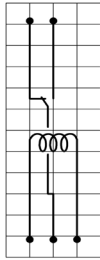
High Voltage & High Insulation Reed Relay

	HVFR High Voltage Reed Relay			NMR High Reliability Reed Relay	
产品外观 Appearance					
产品系列 Misensor Series No.	Form 2A	Form 3A	Form 4A	00S	01S
产品尺寸 Size(L×W×H)(mm)	20×12×8.5	20×15×8.5	20×18×8.5	20×6.7×8.3	20×6.7×8.3
产品特性 Feature	<ul style="list-style-type: none"> Breakdown Voltage up to 4000VDC Low Contact Resistance Excellent lifetime Characteristics High insulation up to 10^{13} 			<ul style="list-style-type: none"> High reliability reed relay Magnetic Case-reduces interaction Insulation resistance greater than $10^{12} \Omega$ High speed switching compared to electromechanical relay Hermetically sealed contacts for long life Copper shield available 	
■ Contact Rating					
触点形式 Contact Form	Form 2A	Form 3A	Form 4A	Form 1A	
线圈规格 Coil Rating Voltage	5V,12V,24V			5V,12V,24V	
触点功率 Contact Rating	100W			10W	
触点电流 Contact Current	1.0A			0.5A	
触点载流 Carry Current	2.5A			1.0A	
切换电压 Switching Voltage	1000VDC			200V	
击穿电压 Breakdown Voltage	4000V			250V	
■ Relay Specifications					
接触电阻 Contact Resistance	150ohm			150mohm	
绝缘电阻 Insulation Resistance	1.0×10^{13} ohm			1.0×10^{10} ohm	
机械寿命 Mechanical Life					
电气寿命 Electrical Life					
动作时间 Operate Time	1.0ms			0.7ms	
释放时间 Release Time	0.1ms			0.7ms	
原理图 Layout(Top View)					






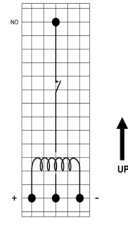
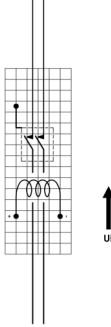
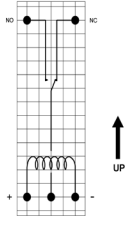
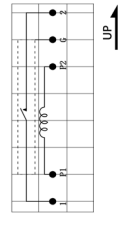
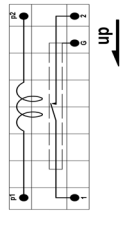
High Voltage & High Insulation Reed Relay

	SIP	MSIP	PB-1C Series	PB-2A Series
产品外观 Appearance				
产品系列 Misensor Series No.	Form 1A		Form 1C	Form 2A
产品尺寸 Size(L×W×H)(mm)	21×6.2×8.4	15.2×3.81×6.8	29×9.6×9.5	
产品特性 Feature	<ul style="list-style-type: none"> • Epoxy molded, single-in-line package. • Can be immersed during board cleaning operations. • High density board mounting. • High isolation between input and output. • Standard nominal coil voltage=5, 12 and 24 volts. • Can meet special requirements for coil voltage and/or coil resistance. 		<ul style="list-style-type: none"> • Breakdown Voltage up to 1400VDC • Low Contact Resistance • Excellent lifetime Characteristics • High insulation up to 10¹⁰ 	
■ Contact Rating				
触点形式 Contact Form				
线圈规格 Coil Rating Voltage	5V, 12V, 24V	5V, 12V, 24V	5V, 12V, 24V	
触点功率 Contact Rating	10W	10W	5W	10W
触点电流 Contact Current	1.0A	0.5A	0.25A	0.5A
触点载流 Carry Current	1.2A	0.1A	1.5A	1.0A
切换电压 Switching Voltage	100V	200V	175V	200V
击穿电压 Breakdown Voltage	1500V	230V	1400V	1400V
■ Relay Specifications				
接触电阻 Contact Resistance	160ohm	150ohm	200ohm	150ohm
绝缘电阻 Insulation Resistance	1.0×10 ¹³ ohm	1Tohm	1.0×10 ⁹ ohm	1.0×10 ¹⁰ ohm
机械寿命 Mechanical Life				
电气寿命 Electrical Life				
动作时间 Operate Time	0.5ms	0.5ms	0.7ms	0.6ms
释放时间 Release Time	0.1ms	0.1ms	1.0ms	0.2ms
原理图 Layout(Top View)				

High Voltage & High Insulation Reed Relay

	HGFR High Voltage Mercury Reed Relay			HVR Wet Series		
产品外观 Appearance						
产品系列 Misensor Series No.	2 Form A	3 Form A	4 Form A	1 Form A	2 Form A	1 Form C
产品尺寸 Size(L×W×H)(mm)	20×12×8.5	20×12×8.5	20×12×8.5	30.3×11.3×9.81	30.9×13.35×9.81	30.3×11.3×9.89
产品特性 Feature	<ul style="list-style-type: none"> High Power Mercury Reed Relay, Dielectric Strength up to 2000VDC High Carry Current Low Contact Resistance Excellent Lifetime Characteristics High Insulation Resistance up to 10^{13} Custom Design Available 			<ul style="list-style-type: none"> High Dielectric Strength-up to 2000V Isolation High Carry Current Low Contact Resistance Excellent Lifetime Characteristics Custom Design Available For Coil Resistance And Pin Out 		
■ Contact Rating						
触点形式 Contact Form	2 Form A	3 Form A	4 Form A	1 Form A	2 Form A	1 Form C
线圈规格 Coil Rating Voltage	5V,12V,24V					
触点功率 Contact Rating	50W					
触点电流 Contact Current	1.0A					
触点载流 Carry Current	5.2A					
切换电压 Switching Voltage	1000VDC					
击穿电压 Breakdown Voltage	2000V					
■ Relay Specifications						
接触电阻 Contact Resistance	80ohm			80ohm		
绝缘电阻 Insulation Resistance	1.0×10^{13} ohm			1.0×10^{12} ohm		
机械寿命 Mechanical Life						
电气寿命 Electrical Life						
动作时间 Operate Time	3.0ms			3.0ms		
释放时间 Release Time	3.0ms			3.0ms		
原理图 Layout(Top View)						

High Voltage & High Insulation Reed Relay

	HGSR High Voltage Mercury Reed Relay			HGMR High Voltage Mercury Reed Relay	
产品外观 Appearance					
产品系列 Misensor Series No.	Form 1A	Form 2A	Form 1C	00MC	01MC
产品尺寸 Size(L×W×H)(mm)	40×14.35×11	43×15×21.5	40×14.35×11	20×6.7×8.3	20×6.7×8.3
产品特性 Feature	<ul style="list-style-type: none"> High Power Mercury Reed Relay, Dielectric Strength up to 4000VDC High Carry Current up to 100A(Pulse Carry Current) Low Contact Resistance Excellent Lifetime Characteristics High Insulation Resistance up to 10^{12} Custom design available for lay out 			<ul style="list-style-type: none"> High Power Mercury Reed Relay, Dielectric Strength up to 2000V Low Contact Resistance Excellent Lifetime Characteristics External magnetic and electrostatic shield Custom Design Available For Coil Resistance 	
■ Contact Rating					
触点形式 Contact Form	Form 1A	Form 2A	Form 1C	Form 1A	
线圈规格 Coil Rating Voltage	5V,12V,24V			5V,12V,24V	
触点功率 Contact Rating	100W			50W	
触点电流 Contact Current	2.0A			2.0A	
触点载流 Carry Current	8.5A			5.2A	
切换电压 Switching Voltage	2000VDC			1000VDC	
击穿电压 Breakdown Voltage	4000V			2000V	
■ Relay Specifications					
接触电阻 Contact Resistance	50ohm			80mohm	
绝缘电阻 Insulation Resistance	1.0×10^{12} ohm			1.0×10^{10} ohm	
机械寿命 Mechanical Life					
电气寿命 Electrical Life					
动作时间 Operate Time	2.0ms			3.0ms	
释放时间 Release Time	2.0ms			3.0ms	
原理图 Layout(Top View)					

High Voltage & High Insulation Reed Relay

High Voltage Reed Relay Module				
产品外观 Appearance				
产品系列 Misensor Series No.	HRM 6A06	HRM 12A04	HRM 2A20	HRM 2A15
产品尺寸 Size(L×W×H)(mm)	169×107	169×107	100×80	107×76
产品特性 Feature	• 6 Channel High Voltage Switching Reed Relay Module	• 12 Channel High Voltage Switching Reed Relay Module	• 20 KVDC Reed Relay Module	• 2 Channel High Voltage Switching Relay Module
■ Contact Rating				
触点形式 Contact Form	Form 2A		Form 1A	
线圈规格 Coil Rating Voltage	5V,12V,24V	5V,12V,24V	12V,24V	12V,24V
触点功率 Contact Rating	100W	100W	50W	50W
触点电流 Contact Current	1.0A	1.0A	3.0A	3.0A
触点载流 Carry Current	2.5A	2.5A	5.0A	5.0A
切换电压 Switching Voltage	1000VDC	100VDC	7000/10000VDC	7000/10000VDC
击穿电压 Breakdown Voltage	6000V	4000V	20000V	10000/15000VDC
■ Relay Specifications				
接触电阻 Contact Resistance	300ohm	150ohm	300mohm	300mohm
绝缘电阻 Insulation Resistance	1.0×10^{12} ohm	1.0×10^{12} ohm	1.0×10^{12} ohm	1.0×10^{12} ohm
机械寿命 Mechanical Life				
电气寿命 Electrical Life				
动作时间 Operate Time	1.0ms	1.0ms	3.0ms	3.0ms
释放时间 Release Time	0.1ms	0.1ms	1.5ms	1.5ms
原理图 Layout(Top View)				