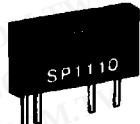


Microelectronic Relays

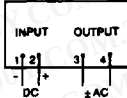
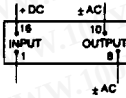
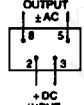
ChipSwitch® Solid State Relay

Other Products from IR

Part Number	Operating Voltage Range (V)RMS	Maximum Load Current @ 40°C A(RMS)	Trans. Overvolt V(Pk)	Turn-On Signal (DC)	Dielectric Strength Input/Output V(RMS)	Minimum Off-State dv/dt @ Rated V 25°C V/μs	Maximum Off State Leakage μA	Case Outline Number	Series
SP1210	20-140	1.0	300	10mA				MR4	SP  1 Form A
SP2210	20-280	3.0	450	10mA	4000	600	10		
SP6210	20-280	With Heat Sink	600	10mA					
DP1210	20-140	1.0	300	10mA				MR2	DP  1 Form A
DP1610	20-140		300	3.5V					
DP2210	20-280		450	10mA	4000	600	10		
DP2610	20-280		450	3.5V					
DP6210	20-280		600	10mA					
DP6610	20-280		600	3.5V					
CS5005	20-280	0.3	500	5mA				MR1	CS  1 Form A
CS5010	20-280		500	10mA					
CS6005	20-280		600	5mA	4000	1200	10		
CS6010	20-280		600	10mA					

Wiring Diagram

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

			
Series	SP	DP	CS

Other Products from IR

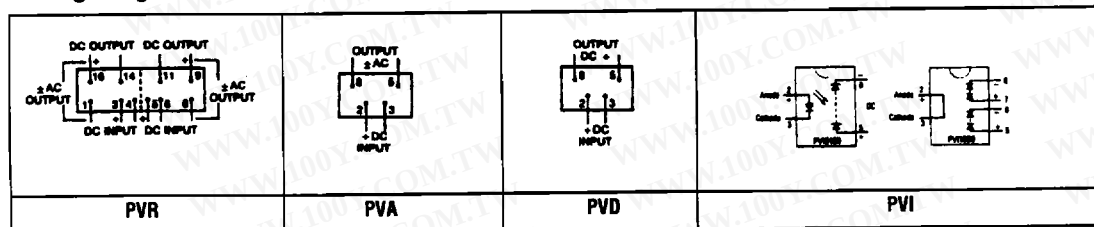
Microelectronic Relays

PhotoVoltaic Relay

Part Number	Operating Voltage Range V(Pk)	Max. On-State Res. @ 25°C Ohms		Max Load Current @ 40°C (DC) mA	Nom. Control Current (DC) mA	Min. Off-State Res. Ohms	Dielectric Strength Input/Output V(RMS)	Max. Response Time On/Off μ sec	Maximum Thermal Offset Voltage @ 5mA Control μ V	Case Outline Number	Series
		AC/DC	DC								
PVR1300	± 100	5.0	1.5	700		10^8		300/50		MR3	PVR  2 Form A
PVR1301	± 100	5.0	1.5	700		10^{10}		300/50			
PVR2300	± 200	24	6.0	260	10	10^8	1500	100/50	0.2		
PVR3300	± 300	24	6.0	260		10^8		100/50			
PVR3301	± 300	24	6.0	260		10^{10}		100/50			
PVA1052	± 100	35		70	5.0	10^8		25/15		MR1	PVA  1 Form A
PVA1054	± 100	35		70	5.0	10^{10}		25/15			
PVA1352	± 100	5.0		315	5.0	10^8		300/50			
PVA1354	± 100	5.0		315	5.0	10^{10}		300/50			
PVA2352	± 200	24		130	5.0	10^8	2500	100/50	0.2		
PVA3054	± 300	160		40	5.0	10^{10}		25/15			
PVA3055	± 300	160		40	5.0	10^{11}		25/15			
PVA3324	± 300	24		130	2.0	10^{10}		100/50			
PVA3354	± 300	24		130	5.0	10^{10}		100/50			
PVAZ172	± 60	0.5		1200	10	10^8	1500	500/8000			
PVD1052	± 100		8.0	160	5.0	10^8		25/15		MR1	PVD  1 Form A
PVD1054	± 100		8.0	160	5.0	10^{10}		25/15			
PVD1354	± 100		1.5	500	5.0	10^8	2500	300/50	0.2		
PVD2352	± 200		6.0	220	5.0	10^{10}		100/50			
PVD3354	± 300		6.0	220	5.0	10^{10}		100/50			
PVDZ172	± 60		0.25	1400	10	10^8	1500				

Part Number	Number Outputs	Output Voltage V(DC)	Short Circuit Current μ A	Nom. Control Current (DC) mA	Dielectric Strength Input/Output V(RMS)	Case Outline Number	Series
PVI5050	1	5.0	5.0	10	2500	MR1	PVI 
PVI5100	1	5.0	10.0	10	2500		
PVI1050	2	5.0/10	10/5	10	2500		

Wiring Diagram



Microelectronic Relays

Safety Standards Qualifications

Other Products from IR

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Part Number	UL		CS	
	Underwriter's Labs Recognition		Canadian Standards Certification	
	Standard	File	Standard	File
SP1110 SP1210 SP2110 SP2210 SP6110 SP6210	UL508	E50015 E50015 E50015 E50015 E50015 E50015	C22.2	LR32053 LR32053 LR32053 LR32053 LR32053 LR32053
DP1110 DP1210 DP1610 DP2110 DP2210 DP2610 DP6110 DP6210 DP6610	UL508	E50015 E50015 E50015 E50015 E50015 E50015 E50015 E50015 E50015	C22.2	LR32053 LR32053 LR32053 LR32053 LR32053 LR32053 LR32053 LR32053 LR32053
CS5005 CS5010 CS6005 CS6101	UL508	E50015 E50015 E50015 E50015	C22.2	LR56615 LR56615 LR56615 LR56615
PVA2352 PVA3324 PVA3354	UL508	E88583 E88583 E88583	—	—
PVA3055 PVA3054 PVA1354 PVA1352 PVA1052 PVD3354 PVD2352 PVD1354 PVD1352 PVD1054 PVD1052 PVA2172 PVD2172	UL508	E88583 E88583 E88583 E88583 E88583 E88583 E88583 E88583 E88583 E88583 E88583 E88583 E88583	—	—