International IOR Rectifier

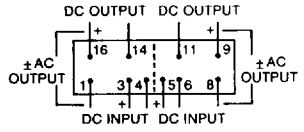
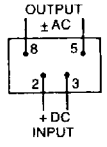
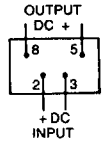
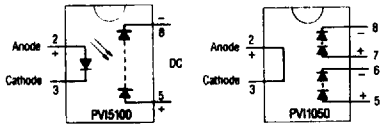
PIC Microelectronic Relays

PhotoVoltaic Relay

Part Number (1)	Operating Voltage Range V(Pk)	Max. On-State Res. @ 25°C Ohms AC/DC	Max. On-State Res. @ 25°C Ohms DC	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 µsec	Maximum Thermal Offset Voltage @ 5 mA Control µV	Case Outline Number (2)	Series
PVR1300	±100	5.0	1.5	700		10^8		300/50		MR3	PVR
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			2 Form A
PVA1052	±100	35		70	5.0	10^8		25/15		MR1	PVA
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			1 Form A
PVD1052	±100		8.0	160	5.0	10^8		25/15		MR1	PVD
PVD1054	±100		8.0	160	5.0	10^{10}		25/15			
PVD1352	+100		1.5	500	5.0	10^8		300/50			
PVD1354	+100		1.5	500	5.0	10^{10}	2500	300/50	0.2		
PVD2352	+200		6.0	220	5.0	10^8		100/50			
PVD3354	+300		6.0	220	5.0	10^{10}		100/50			
PVDZ172	+60		0.25	1400	10	10^8	1500	500/8000			1 Form A

Part Number	Number Outputs	Output Voltage V(DC)	Short Circuit Current µA	Nom. Control Current (DC) mA	Dielectric Strength Input/Output V(RMS)	Case Outline No.	Series
PVI5100	1	5.0	10.0	10	2500	MR1	PVI
PVI1050	2	5.0/10	10/5	10	2500		

Wiring Diagram

			
PVR	PVA	PVD	PVI

(1) Output for PVD and PVI Series is DC only all others are AC or DC

(2) For case outline drawing see page 147.