



Part Number	Rep. PIV V_{RRM} kV	Avg. Forward Current@		Max. Forward Voltage Drop $V_F@I_F$ Per Leg V	Max. Reverse Current $I_R@V_{RRM}@25^\circ\text{C}$ mA	Max. Surge Current I_{SM} A	Overall Length Inches L Max
		40°C A	70°C Oil A				
1HV12 Series - High Voltage Medium Current Column Rectifier							Figure 51
1HV12R10A	24	3.0	12.0	20	1.5	370	5.54
1HV12R20A	48	3.0	12.0	40	1.5	370	8.67
1HV12R30A	72	3.0	12.0	60	1.5	370	11.8
1HV12R40A	96	3.0	12.0	80	1.5	370	14.93
1HV12R50A	120	3.0	12.0	100	1.5	370	18.06
1HV12R60A	144	3.0	12.0	120	1.5	370	21.19
1HV12R70A	168	3.0	12.0	140	1.5	370	24.32
1HV12R80A	192	3.0	12.0	160	1.5	370	27.45
1HV12R90A	216	3.0	12.0	180	1.5	370	30.58
1HV12R100A	240	3.0	12.0	200	1.5	370	33.71
2HV12 Series - High Voltage Medium Current Column Rectifier							Figure 51
2HV12R10A	24	4.0	12.5	20	1.5	370	6.73
2HV12R20A	48	4.0	12.5	40	1.5	370	10.8
2HV12R30A	72	4.0	12.5	60	1.5	370	14.87
2HV12R40A	96	4.0	12.5	80	1.5	370	18.94
2HV12R50A	120	4.0	12.5	100	1.5	370	23.01
2HV12R60A	144	4.0	12.5	120	1.5	370	27.08
2HV12R70A	168	4.0	12.5	140	1.5	370	31.15
3HV•P Series - High Voltage High Current Column Rectifier							Figure 51
3HV12P10A	24	7.0	33.0	20	4	1050	10.22
3HV12P20A	48	7.0	33.0	40	4	1050	18.03
3HV12P30A	72	7.0	33.0	60	4	1050	25.84
3HV12P40A	96	7.0	33.0	80	4	1050	33.65
3HV16P10A	32	7.0	33.0	20	5.3	1050	10.22
3HV16P20A	64	7.0	33.0	40	5.3	1050	18.03
3HV16P30A	96	7.0	33.0	60	5.3	1050	25.84
3HV16P40A	128	7.0	33.0	80	5.3	1050	33.65
3HV•M Series - High Voltage High Current Column Rectifier							Figure 51
3HV12M10A	24	8.0	36.0	20	4	1500	10.22
3HV12M20A	48	8.0	36.0	40	4	1500	18.03
3HV12M30A	72	8.0	36.0	60	4	1500	25.84
3HV12M40A	96	8.0	36.0	80	4	1500	33.65
3HV16M10A	32	8.0	36.0	20	5.3	1500	10.22
3HV16M20A	64	8.0	36.0	40	5.3	1500	18.03
3HV16M30A	96	8.0	36.0	60	5.3	1500	25.64
3HV16M40A	128	8.0	36.0	80	5.3	1500	33.65

Many circuit arrangements are available. Doublers, quadruplers, single and three phase bridges, standard or fast recovery devices available on request. Standard assemblies are RC compensated but MOV compensation is available on request. Custom configurations are available. Contact your sales representative. Custom parts available, please consult factory.

Product is available in RoHS compliant form. Unless RoHS compliance is requested, existing stocks of non-compliant materials are being shipped. Fast recovery devices and special configuration assemblies available by special request.