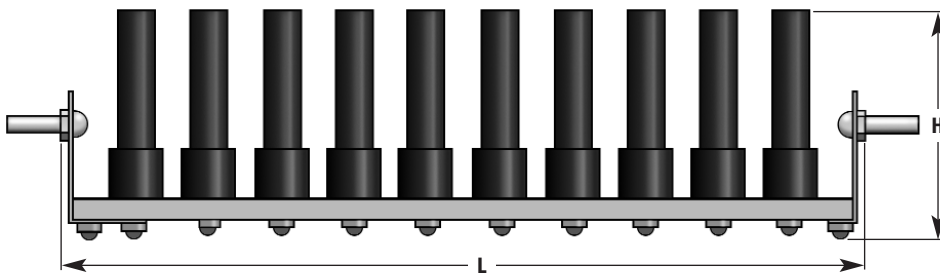
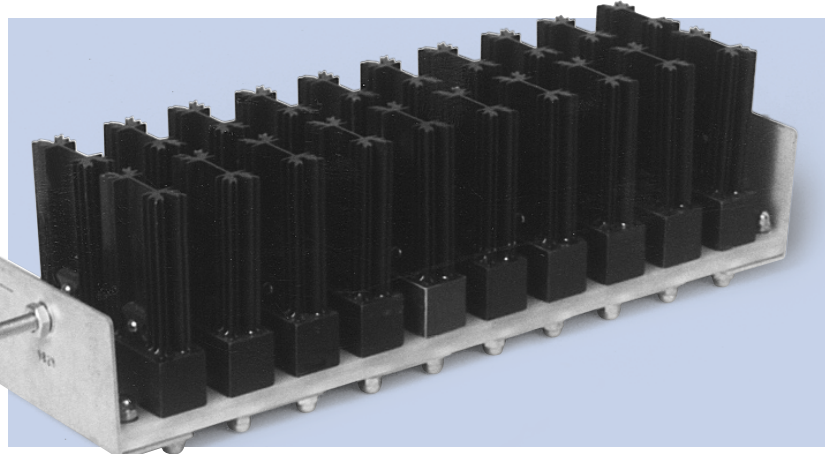
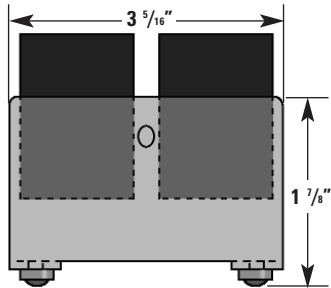




**COMPLETE REPLACEMENT FOR:
PHILIPS AMPEREX RS3.5, RS5, RS10
OSB-, OSM-, OSS-, 9115, 9215, 9415**



**POWER RECTIFIER ASSEMBLY
CAPACITOR COMPENSATED**

HRS3.5		Height H=3.25" max							
Average Forward Current Max @ 50°C Ambient	I_{FAVM}	3.5 Amps							
Average Forward Current Max @ 50°C (Forced Air 300ft/min)	I_{FAVM}	5.0 Amps							
Maximum Surge Current, 10ms Sine Pulse	I_{FSM}	250 Amps							
HRS5		Height H=3.25" max							
Average Forward Current Max @ 50°C Ambient	I_{FAVM}	5.0 Amps							
Average Forward Current Max @ 50°C (Forced Air 300ft/min)	I_{FAVM}	15.0 Amps							
Maximum Surge Current, 10 ms Sine Pulse	I_{FSM}	400 Amps							
HRS10		Height H=3.75" max							
Average Forward Current Max @ 50°C Ambient	I_{FAVM}	10.0 Amps							
Average Forward Current Max @ 50°C (Forced Air 300ft/min)	I_{FAVM}	25.0 Amps							
Maximum Surge Current, 10 ms Sine Pulse	I_{FSM}	950 Amps							
HRSxx-	-6	-9	-12	-15	-18	-21	-24	-27	-30
Length L (Inches)	4.8	7	8.15	10.4	11.5	12.62	14.85	16	18.2
V_{RRM} (kV)	9.6	16	19.2	25.6	28.8	32	38.4	41.6	48
$V_F @ I_F=5.0A@25^\circ C$	6	10	12	16	18	20	24	26	30
Operating and Storage Temperature						T_A	-55°C to 150°C		
Maximum Reverse Leakage Current @ V_{RRM} @ $T_J=25^\circ C$						I_{RM}	100µAmps		

Higher Voltages, Higher Surge Currents, Fast Recovery, Custom Lengths, Doubler, Positive and Negative Taps Available, Please Consult the Factory.

Add an S for M6-35mm Studs instead of 1/4-28-1" Studs

Example HRS5-18S is 5 Amps Average Forward Current, 28.8kV, L=11.5", with M6 Studs