



Vacuum Interrupters

VA158

Reference Model: JENNINGS' RP158

SPECIFICATIONS		
VOLTAGE RATINGS		
Rated Frequency	Hz	50/60
Rated Maximum Line To Line Voltage, 3.0	kilovolts. RMS	3.6
Low Frequency Withstand Voltage	kilovolts. RMS	13.5
BIL Withstand Voltage	crest KV	45
CURRENT RATINGS		
Rated Continuous Current	amperes RMS	300
Generated Heat Loss:@ 300 Amperes; 30 Pounds Added Contact Force	watts max.	14
Maximum Short Circuit Current (Symmetrical)	amperes RMS	6000
Asymmetry Ratio, S. Maximum		1.0
30 Second Current Carrying capability	amperes RMS	2000
Fuse Let Through Current (1/2 Cycle)	amperes peak	28000
MECHANICAL DATA		
Interrupter Weight	lbs.	1.1±10%
Moving Contact Weight	lbs.	0.3±10%
Contact Force From Atmospheric Pressure	lbs.	10.6±20%
MECHANICAL REQUIREMENTS		
Contact Stroke, Maximum	inch	0.11
Opening Speed Average to 0.08 inch Gap	feet per sec.	1.1-2.5
Overtravel During Opening Max	inch	0.14
Closing Speed, Average Of Last 0.03 inch	feet per sec.	1.0-2.0
Contact Bounce Duration, Max	sec.	0.002
Added Contact Force For 6000 Amperes RMS Symmetrical	lbs.	30
TYPICAL LIFE		
Contact Erosion Limit	inch	0.04

