

## RP173 SPECIFICATIONS

VOLTAGE RATINGS	
Rated Frequency	50/60 Hz
Rated Maximum Line-to-Line Voltage 3.0	7.2 RMS kV
Low Frequency Withstand Voltage	20 RMS kV
BIL Withstand Voltage	60 crest kV
CURRENT RATINGS	
Rated Continuous Current	400 RMS A
Generated Heat Loss:	
@ 400 amps; 30 pounds applied contact force	24 watts max.
Maximum Short Circuit Current (Symmetrical)	6000 RMS A
Asymmetry Ratio S	1.0
30 Sec. Current Carrying Capability	2,000 RMS A
Fuse Let Through Current (1/2 Cycle)	55,000 peak A
MECHANICAL DATA	
Interrupter Weight	2.7 ± 10% lbs.
Moving Contact Weight	0.6 ± 10% lbs.
Contact Force from Atmospheric Pressure	16.5 ± 30% lbs.
MECHANICAL REQUIREMENTS	
Contact Stroke	0.19 max. in.
Opening Speed Average to 0.14 inch Gap	1.1-2.5 ft./sec.
Overtravel During Opening Maximum	0.24 in.
Closing Speed, Average of last.06 inch	1.0-2.0 ft./sec.
Contact Bounce Duration, Max	0.002 max. sec.
Added Contact Force for 6000 A RMS symmetrical	30 min. lbs.
TYPICAL LIFE	
Contact Erosion Limit	0.04 in.
MECHANICAL LIFE	
ELECTRICAL LIFE	

\*Consult factory for extended life to 2,500,000 cycles

**NOTES:**

1. Avoid twisting movable terminal and excessive opening of contacts to prevent damage to bellows and reduced life.
2. Electrical connections should be made at copper terminals. Compression type fittings are recommended.
3. Interrupter should be mounted by Fixed Copper Terminal.
4. ALL DIMENSIONS ARE IN INCHES WITH OUTSIDE DIMENSIONS ALSO IN METRIC.

