

RP103CI SPECIFICATIONS

ELECTRICAL RATINGS	
Rated Frequency	50/60 Hz
Rated Maximum Line-to-Line Voltage	15.5 RMS kV
Rated Voltage Range Factor K	1.0
Rated Low Frequency Withstand Voltage	36 RMS kV
Rated Full Wave Impulse Withstand Voltage	95 crest kV
Rated Continuous Current	200 RMS A
Generated Heat Loss:	
@ 200 amps; 30 pounds contact force	4 watts
Rated Short Circuit Current (Symmetrical)	2000 RMS A
Asymmetry Ratio S. Maximum	1.4
Momentary, Close-and-Latch (Asymmetrical):	
@ 100 pounds contact force (10 cycle)	20,000 RMS A
Rated Capacitive Switching Current	
@ 15.5 kV RMS	200 RMS A
Series Units for Higher Voltage	
MECHANICAL DATA	
Interrupter Weight	2.25 max lbs.
Moving Part Weight	0.25 max lbs.
Contact Force from Atmospheric Pressure	2.50 max lbs.
MECHANICAL REQUIREMENTS	
Contact Stroke	0.160 in.
Opening Speed to 0.12 inch Gap	1.0 ft./sec.
Overtravel During Opening Max	0.06 in.
Closing Speed of Last .05 in	1.0 ft./sec.
Contact Bounce Duration, Max	0.002 sec.
Added Force for Momentary (10 cycle 60 Hz):	
20,000 A RMS (asymmetrical)	100 lbs.
LIFE	
Contact Erosion Limit	0.06 in.

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 at fixed end of stainless steel plate.
4. ALL DIMENSIONS ARE IN INCHES WITH OUTSIDE DIMENSIONS ALSO IN METRIC.

