

RP103D SPECIFICATIONS

ELECTRICAL RATINGS	
Rated Frequency	50/60 Hz
Rated Maximum Line-to-Line Voltage	38.0* RMS kV
Rated Voltage Range Factor K	1.0
Rated Low Frequency Withstand Voltage	80 RMS kV
Rated Full Wave Impulse Withstand Voltage	150 crest kV
Rated Continuous Current	200 RMS A
Generated Heat Loss:	
@ 200 amps; 25 pounds contact force	6 watts
Rated Short Circuit Current (Symmetrical)	1800 RMS A
Asymmetry Ratio S. Maximum	1.0
Momentary, Close-and-Latch (Asymmetrical):	
@ 25 pounds contact force (1/2 cycle)	9,000 RMS A
Rated Capacitive Switching Current	
@ 15.5 kV RMS	200 RMS A
Series Units for Higher Voltage	
MECHANICAL DATA	
Interrupter Weight	2.35 max. lbs.
Moving Part Weight	0.25 max. lbs.
Contact Force from Atmospheric Pressure	2.50 max. lbs.
MECHANICAL REQUIREMENTS	
Contact Stroke	0.375 in.
Opening Speed to 0.12 inch Gap	1.0 ft./sec.
Overtravel During Opening Max	0.06 in.
Closing Speed of Last.05 inch	1.0 ft./sec.
Contact Bounce Duration, Max	0.002 second
Added Force for Momentary: (1/2 cycle 60 Hz)	
9,000 A RMS (asymmetrical)	25 lbs.
LIFE	
Contact Erosion Limit	0.06 in

Ratings marked with an asterisk () apply to the vacuum side only.
Dielectrics with voltage breakdown strengths greater than air must be used to obtain these values outside the unit. For dry air, the withstand test voltage is 36kV RMS.

