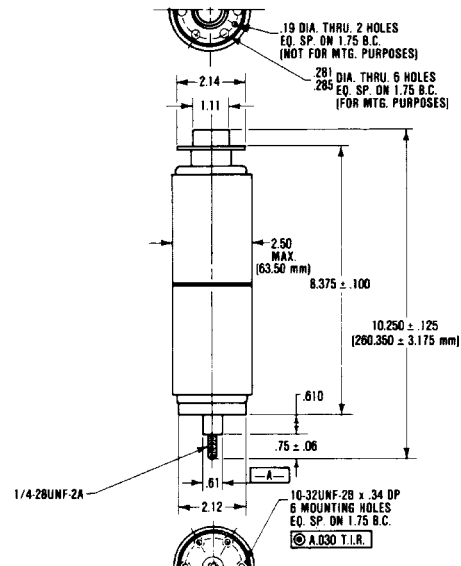


RT8 SPECIFICATIONS

ELECTRICAL RATINGS	
Dielectric Withstand Voltage (50/60 Hz)	50 kV pk
Voltage Rating	
at 300 KHz	50 kV pk
at 10 MHz	30 kV pk
at 30 MHz	25 kV pk
Current Rating	
at 300 KHz	80 amps rms
at 10 MHz	40 amps rms
at 30 MHz	35 amps rms
Contact Resistance max.	150 $\mu\Omega$
Contact Capacitance @ Full Gap max.	1.5 pF
Terminal to Terminal Inductance max.	50 nH
MECHANICAL DATA	
Switch Weight max.	45 oz.
Contact Stroke	0.16 in.
Force Required for Specified Contact Gap	10 lbs.
Added Contact Force	30 lbs.
Opening Speed nom.	1 ft./sec.
Closing Speed nom.	1 ft./sec.



RT8A SPECIFICATIONS

ELECTRICAL RATINGS	
Dielectric Withstand Voltage (50/60 Hz)	60 kV pk
Voltage Rating (dc)	40 kV pk
Current Rating (dc)	300 amps rms
Contact Resistance max.	300 $\mu\Omega$
Contact Capacitance @ Full Gap max.	2.5 pF
Terminal to Terminal Inductance max.	50 nH
MECHANICAL DATA	
Switch Weight max.	50 oz.
Contact Stroke	0.16 in.
Force Required for Specified Contact Gap	10 lbs.
Added Contact Force	30 lbs.
Opening Speed nom.	1 ft./sec.
Closing Speed nom.	1 ft./sec.

RT8 - Additional heat sinks required in the form of copper straps with 0.08 in² cross sectional area looped at the movable end and fastened to the shaft. Temperature rise is 91°C ambient. Required contact force is 30 lbs.

RT8A - Additional heat sinks required in the form of copper straps with 0.13 in² cross sectional area looped at the movable end and fastened to the shaft. Also 30 lbs. added contact force required for this rating. Temperature rise is 50°C max. over 36°C ambient.

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.