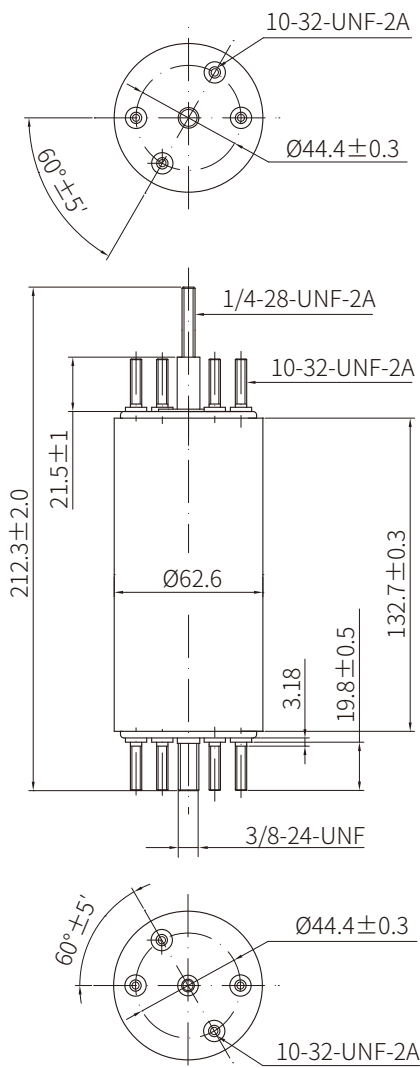




ZMF-38/200-16

BOTTLES PROFILE



This type of vacuum interrupter is the special contact interrupter with cup shaped contacts holder adopting axial magnetic field intended to install in the accordant vacuum circuit-breaker or other vacuum distribution devices. It is recommended for use in the electric power, mechanical, chemical and metallurgical department as well as mines and other industrial department where it is operated frequently. The small sized interrupter is noted for compact design, large switching capacity and high insulating level.

SPECIFICATIONS	UNIT	VALUE
ELECTRICAL PARAMETERS		
Rated Max. Line to Line Voltage	kV	38
Rated Continuous Current	A	200
Rated Low Frequency Withstand Voltage	kV	70
Rated Frequency	Hz	50/60
Rated Full Wave Impulse Withstand Voltage	kV	150
Rated Short Circuit Current (symmetrical)	kA	3
Asymmetry Ratio S, Max		1.4
Rated Momentary, Close-and-Latch at Required Minimum Additional Force	kA	16
Rated 1 Second Short Time Current	kA	10
Rated Magnetizing Current	A	21
Rated Cable Charging Current	A	40
Contact Resistance at Rated Continuous Current	$\mu\Omega$	<68
MECHANICAL DATA		
Interrupter Weight	Lb	2
Contact Force From Atmosphere Pressure	Lb	3.5
MECHANICAL REQUIREMENTS		
Contact Stroke	Inch	0.375
Opening Speed, Average to 75% of Rated Stroke	Ft/sec.	3.0-3.5
Over Travel During Opening, Max.	Inch	0.06
Closing Speed Average of 33% of Rated Stroke	Ft/sec.	2.5-3.0
Contact Bounce Duration, Max.	Second	0.002
Minimum Added Force for Momentary Test	Lb	150
LIFE		
Mechanical Life Using Specified Stroke	Operations	5000
Contact Erosion Limit	Inch	0.06