

PERFORMANCE CHARACTERISTICS
 DETAIL PERFORMANCE PER ASNE0459.
 VIBRATION CURVE 'J' OF EUROCAE ED-14B, 3 G'S, 2000 HZ
 MECHANICAL SHOCK 50 G'S
 CORROSION SALT SPRAY 48 HOURS
 HUMIDITY 48 HOURS

ENDURANCE:

	115/200 VAC MECHANICAL	360-800 HZ INDUCTIVE NO LOAD	2500 CYCLES 5000 CYCLES		
SINGLE * OR THREE PHASE CALIBRATION:	20 AMP THRU 50 AMP				
	MIN. ULT. TRIP	MAX. ULT. TRIP	200% (SEC.)	500% (SEC.)	1000% (SEC.)
+25 °C (+77 °F)	110% RATING	145% RATING	2-27	0.15-5.2	0.05-1.3
+70 °C (+158 °F)	105% RATING	145% RATING			
+90 °C (+194 °F)	100% RATING	145% RATING			
-55 °C (-67 °F)	110% RATING	165% RATING			

SHORT CIRCUIT RESISTANCE:
 20 AMP THRU 50 AMP 115 VAC, 400 HZ 1500 AMPS RMS

OPERATIONAL FORCES:
 PULL OUT 5 - 45 N (1.1 - 10.1 LBS.)
 RESET 20 - 80 N (4.5 - 18 LBS.)

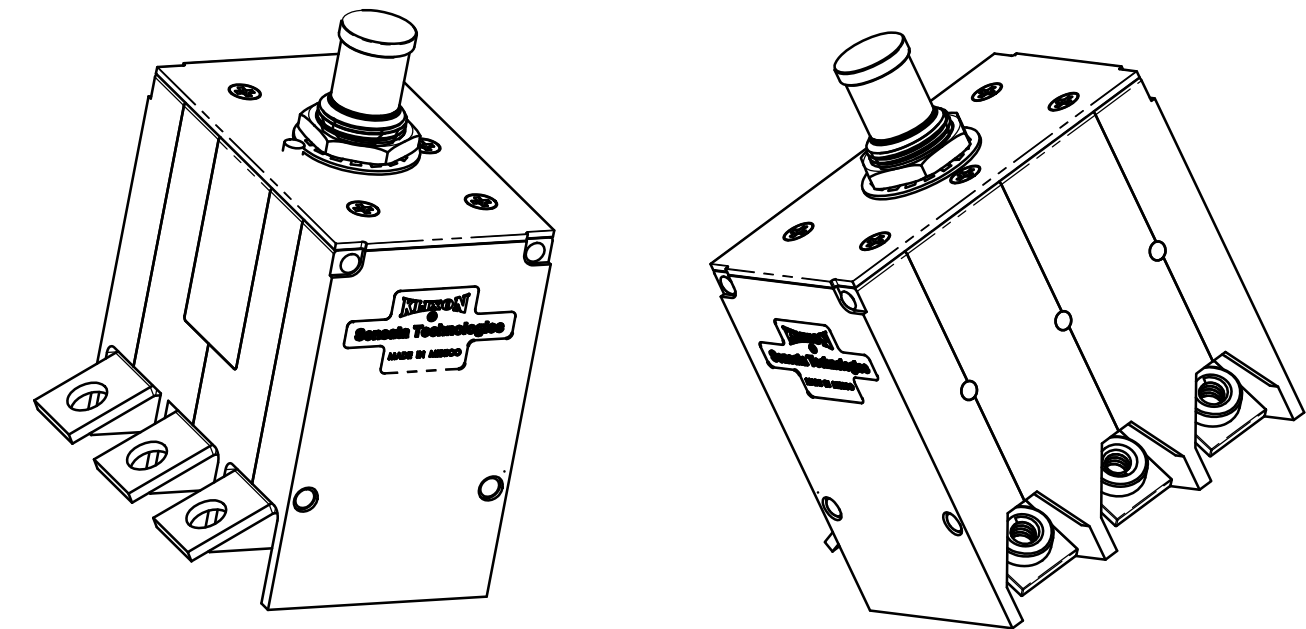
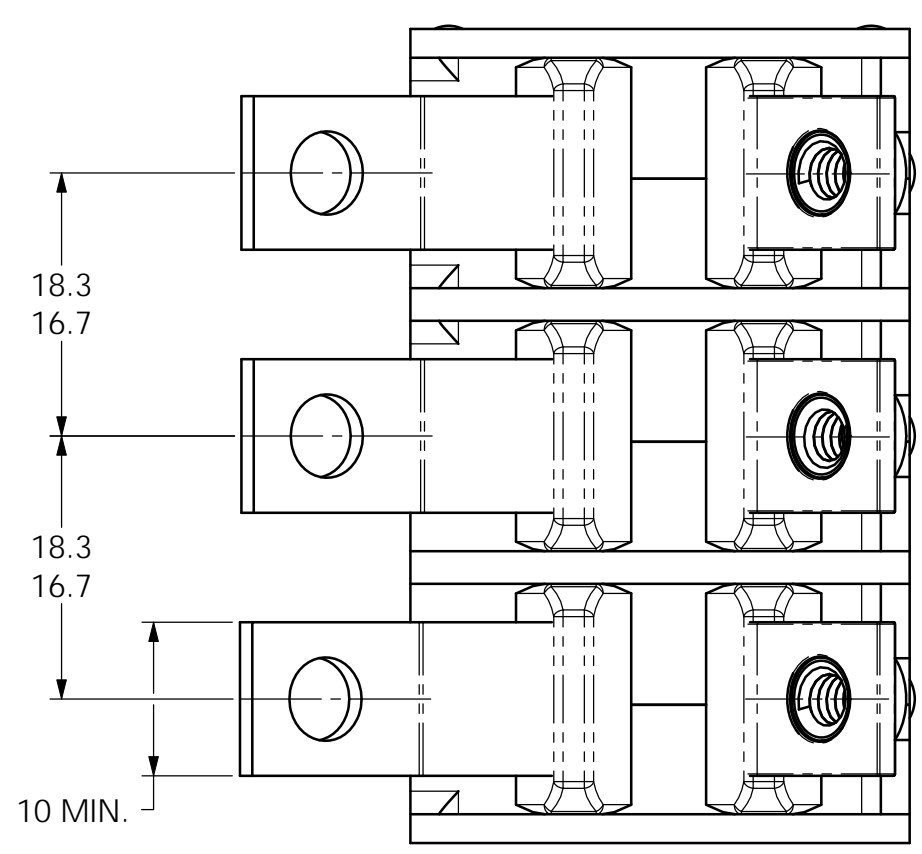
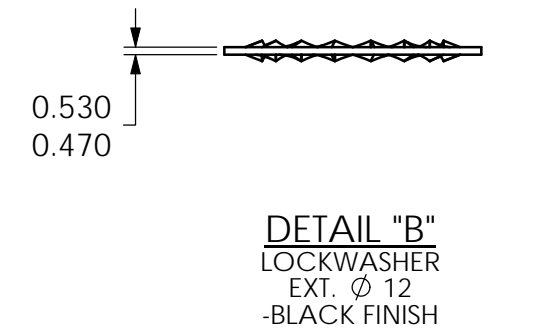
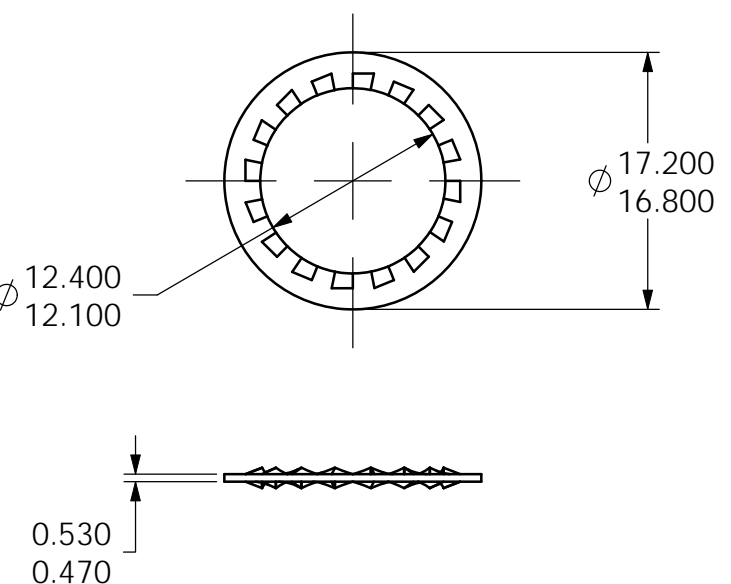
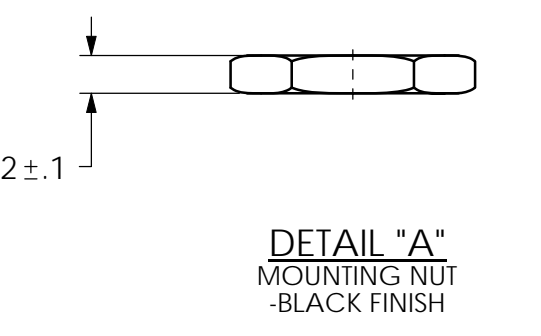
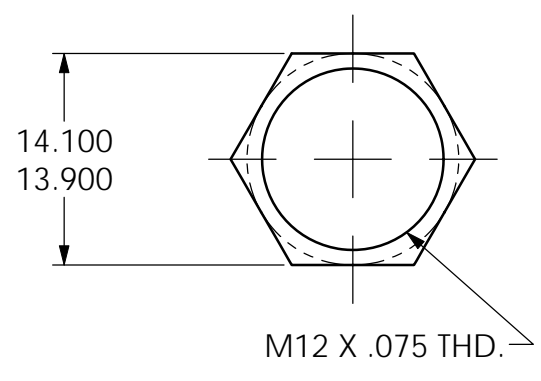
OPERATING ALTITUDE: 15,000 M (49,200 FT.)
WEIGHT INCLUDING CONNECTION HARDWARE: 162.0 GRAMS MAX. 140.0 GRAMS NOMINAL

VOLTAGE DROP:

20 AMP	0.150 VOLTS MAX.
25 AMP	0.150 VOLTS MAX.
35 AMP	0.150 VOLTS MAX.
50 AMP	0.150 VOLTS MAX.

* SINGLE PHASE MAXIMUM ULTIMATE TRIP VALUES APPLY WITH OTHER TWO PHASES CARRYING 100% OF RATED CURRENT.

SENSATA PART NO.	CUSTOMER PART NO. WITH HARDWARE	CUSTOMER PART NO. WITHOUT HARDWARE
15TC51-20	E0459-200	E0459-200 A
15TC51-25	E0459-250	E0459-250 A
15TC51-35	E0459-350	E0459-350 A
15TC51-50	E0459-501	E0459-501 A



FOR REFERENCE ONLY. CHECK LATEST REVISION BEFORE USE. PARTS MADE TO THIS PRINT MUST CONFORM TO E9898 REV. E.		529 PLEASANT STREET P.O. BOX 2964 ATTLEBORO, MA 02703	
DRAWN G.LAPATI DATE 11-JUL-2007	SENSATA TECHNOLOGIES PROPRIETARY AND CONFIDENTIAL. NEITHER THIS PRINT NOR THE INFORMATION CONTAINED HEREON IS TO BE USED AGAINST THE INTERESTS OF SENSATA TECHNOLOGIES OR AGAINST THE INTERESTS OF ANY OF ITS AFFILIATED COMPANIES OR WHOLLY OWNED SUBSIDIARIES.		TITLE 15TC51 CIRCUIT BREAKER PUSH PULL TRIP FREE ENVELOPE DRAWING
ENGINEER W.BENTLEY DATE 11-JUL-2007	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS		SIZE A1
APPROVED A.NAULT DATE 11-JUL-2007	DECIMALS	ANGLES	DWG NO. 15TC51
APPROVED P.BERG DATE 11-JUL-2007	DO NOT SCALE DRAWING	THIRD ANGLE PROJECTION	REV. E
SCALE 2:1		SOLIDWORKS	SHEET 1 OF 1