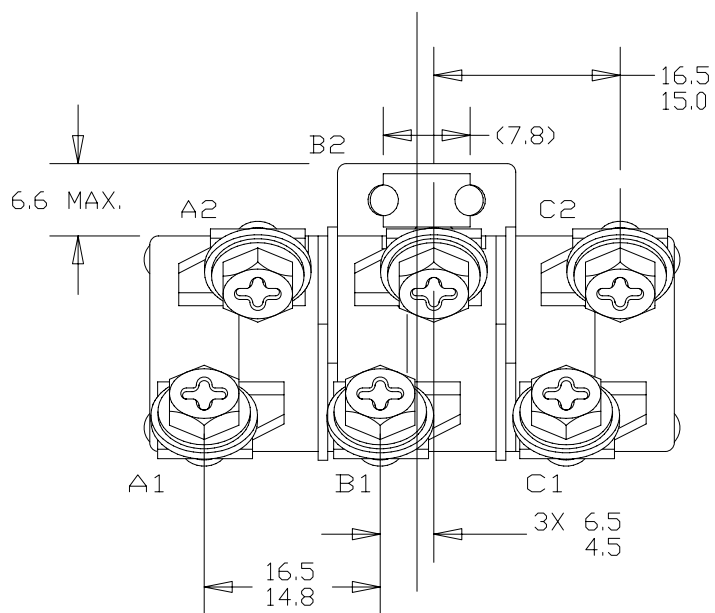
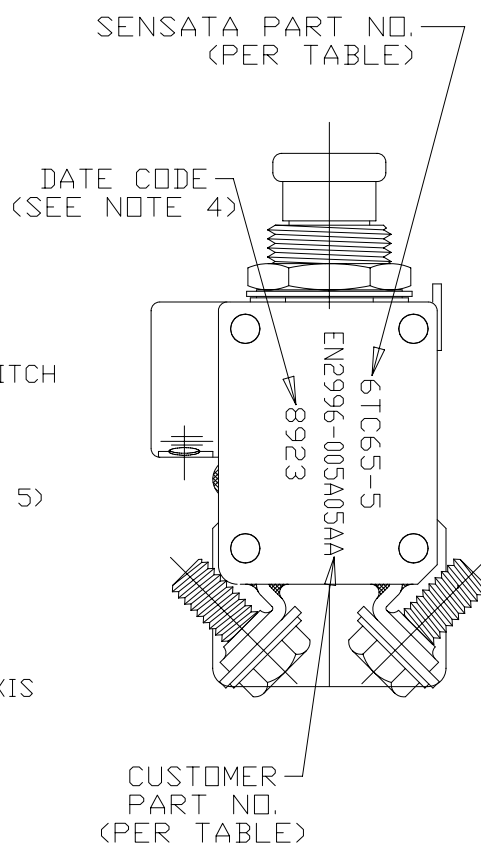
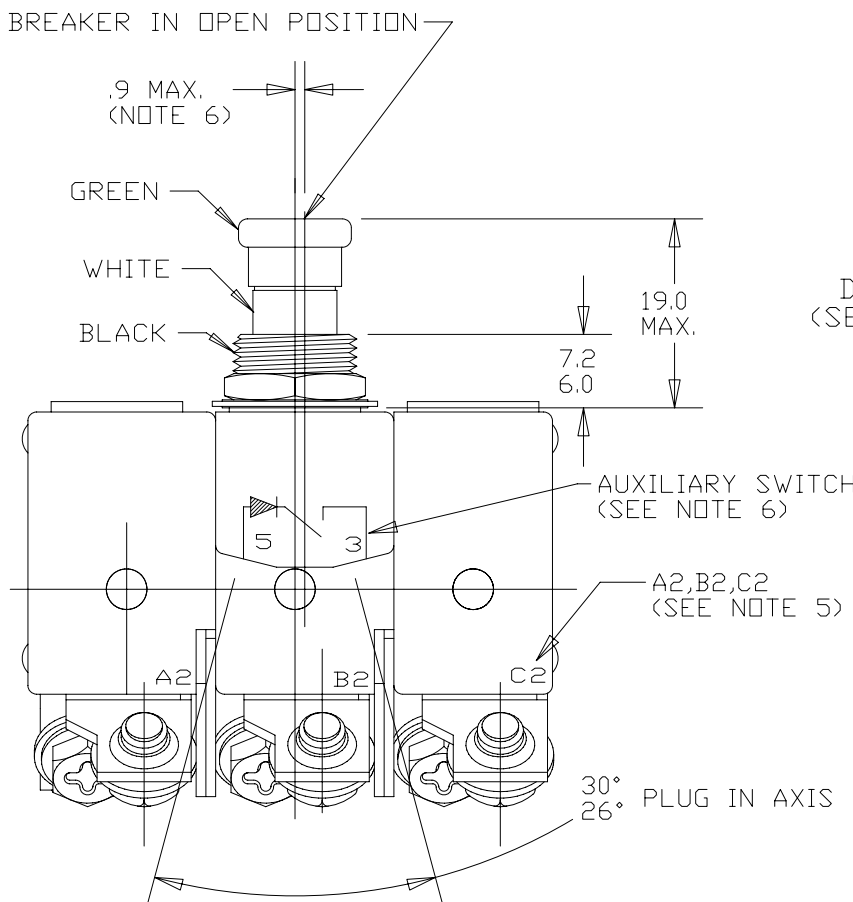
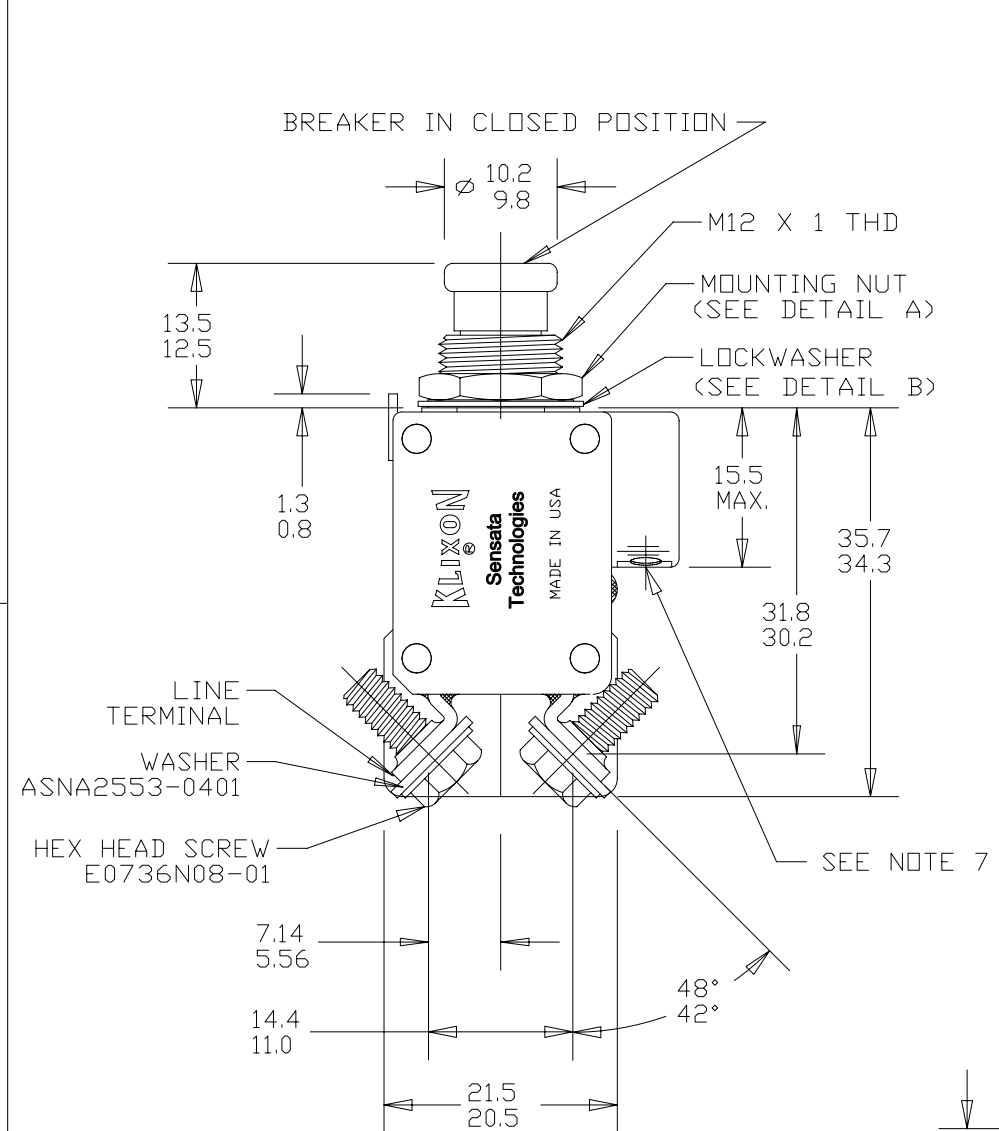
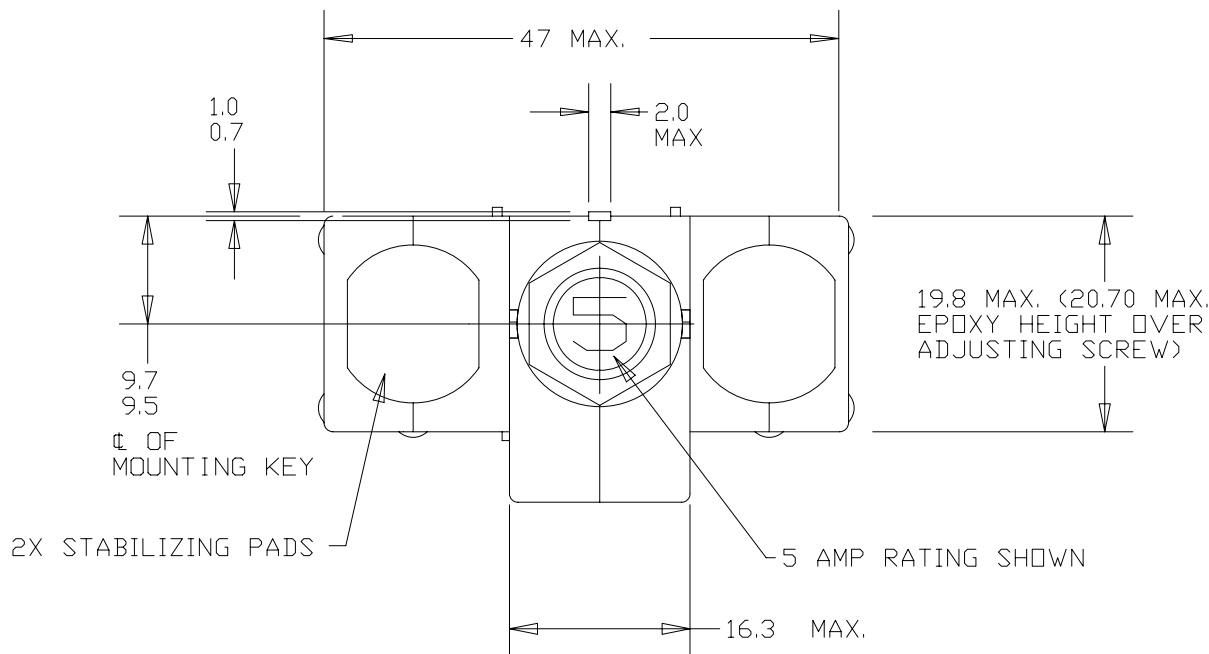


Property of
Sensata Technologies



NOTES:

- EPOXY SURFACES ARE NON-DIMENSIONED, ENVELOPE DRAWING DIMENSIONS DO NOT APPLY TO THESE PROJECTED EPOXY SURFACES.
- TERMINAL AND MOUNTING HARDWARE MAY BE PACKAGED RATHER THAN INSTALLED.
- COUNTRY OF ORIGIN IS SHOWN FOR ILLUSTRATION PURPOSES ONLY. COUNTRY OF ORIGIN TO BE IDENTIFIED AS REQUIRED.
- DATE CODE PER 10588-285.
- ALL MARKINGS TO BE MADE IN APPROXIMATE POSITIONS SHOWN WITH BLACK INK PER 12506-70, 2MM HIGH CHARACTERS.
- DISTANCE BETWEEN THE DEVICE AND AUXILIARY SWITCH CENTERLINES.
- RECOMMENDED PIN CONTACT: GAUGE 20 PER EN3155-016M2018 OR EQUIVALENT.

ZONE	REV.	REVISION DESCRIPTION	ECN NO.	DATE
B4	M	48°/42° DIM WAS 55°/40°; PAF	ECN0042078	30-MAY-2008

PERFORMANCE CHARACTERISTICS

DETAIL PERFORMANCE PER AEROSPATIALE SPEC. ASNE0731-001 AND ASNE0731-005

OVERLOAD CYCLING	-----	100 CYCLES AT 200% RATING
VIBRATION	-----	CURVE "J" OF EUROCAE ED-14B 3G'S, 2000HZ
MECHANICAL SHOCK	-----	50 G'S
ACCELERATION	-----	10 G'S
CORROSION	-----	SALT SPRAY 50 HOURS
HUMIDITY	-----	10 DAYS

ENDURANCE:	115/200 VAC	360-800 HZ INDUCTIVE	2500 CYCLES
	MECHANICAL	NO LOAD	5000 CYCLES

SINGLE * OR THREE PHASE CALIBRATION:
2 AMP THROUGH 25 AMP

	MIN. ULT. TRIP	MAX. ULT. TRIP	200%	500%	1000%
+23°C	110% RATING	140% RATING	2-20 SEC.	0.5-2.8 SEC.	0.035-0.6 SEC.
-55°C	110% RATING	160% RATING	≤40 SEC.	0.5-2.8 SEC.	0.035-0.6 SEC.
+90°C	90% RATING	140% RATING	≥1.5 SEC.	0.5-2.8 SEC.	0.035-0.6 SEC.

+125°C	90% RATING	140% RATING	≥1.5 SEC.	0.5-2.8 SEC.	0.035-0.6 SEC.
RUPTURE:	2 AMP THROUGH 25 AMP	120 VAC, 400 HZ		1800 AMPS AC (RMS)	

MAXIMUM OPERATING FORCES

PULL OUT	-----	53.4 N MAX.
RESET	-----	53.4 N MAX.

OPERATING ALTITUDE: 15,000 M MAX.

WEIGHT: 68.0 GRAMS MAX. (WITH HARDWARE)

VOLTAGE DROP:

2 AMP	-----	0.75 VOLTS MAX.
2.5 AMP	-----	0.70 VOLTS MAX.
3 AMP	-----	0.55 VOLTS MAX.
5 AMP	-----	0.35 VOLTS MAX.
7.5 AMP	-----	0.30 VOLTS MAX.
10 AMP	-----	0.30 VOLTS MAX.
15 AMP	-----	0.25 VOLTS MAX.
20 AMP	-----	0.25 VOLTS MAX.
25 AMP	-----	0.25 VOLTS MAX.

*SINGLE PHASE MAXIMUM ULTIMATE TRIP VALUES APPLY WITH OTHER TWO PHASES CARRYING 90% OF RATED CURRENT

AUXILIARY SWITCH CHARACTERISTICS			
SIGNALIZATION	TYPE OF LOAD	28 VDC	5 VDC
	RESISTIVE	0.5 A	5 mA
CONTACT	LAMP	0.2 A	

SENSATA PART NO.	CUSTOMER PART NO.	WITHOUT TERMINAL HARDWARE
6TC65-25	EN2996-005A25AA	EN2996-005A25AB
6TC65-20	EN2996-005A20AA	EN2996-005A20AB
6TC65-15	EN2996-005A15AA	EN2996-005A15AB
6TC65-10	EN2996-005A10AA	EN2996-005A10AB
6TC65-7 1/2	EN2996-005A7A5A	EN2996-005A7A5B
6TC65-5	EN2996-005A05AA	EN2996-005A05AB
6TC65-3	EN2996-005A03AA	EN2996-005A03AB
6TC65-2 1/2	EN2996-005A2A5A	EN2996-005A2A5B
6TC65-2	EN2996-005A02AA	EN2996-005A02AB

