

Property of  
Sensata Technologies

ZONE	REV.	REVISION DESCRIPTION	ECN NO.	DATE
D4	U	.780 MAX WAS .781/.719; PD	ECO-111344	25-FEB-2015

PERFORMANCE CHARACTERISTICS (DETAIL PERFORMANCE PER MIL-C-5809)

OVERLOAD CYCLING ----- 100 CYCLES AT 200% RATING  
 VIBRATION ----- 10 G'S 50-500 HZ  
 MECHANICAL SHOCK ----- 35 G'S AT 11.5 MILLISECOND DURATION  
 ACCELERATION ----- 10 G'S MINIMUM  
 SAND AND DUST ----- 12 HOURS  
 CORROSION ----- SALT SPRAY 50 HOURS  
 HUMIDITY ----- 10 DAYS  
 EXPLOSION PROOF ----- WHILE INTERRUPTING RUPTURE CURRENTS

MAXIMUM OPERATING ALTITUDE: 80,000 FT. (24,384 M)

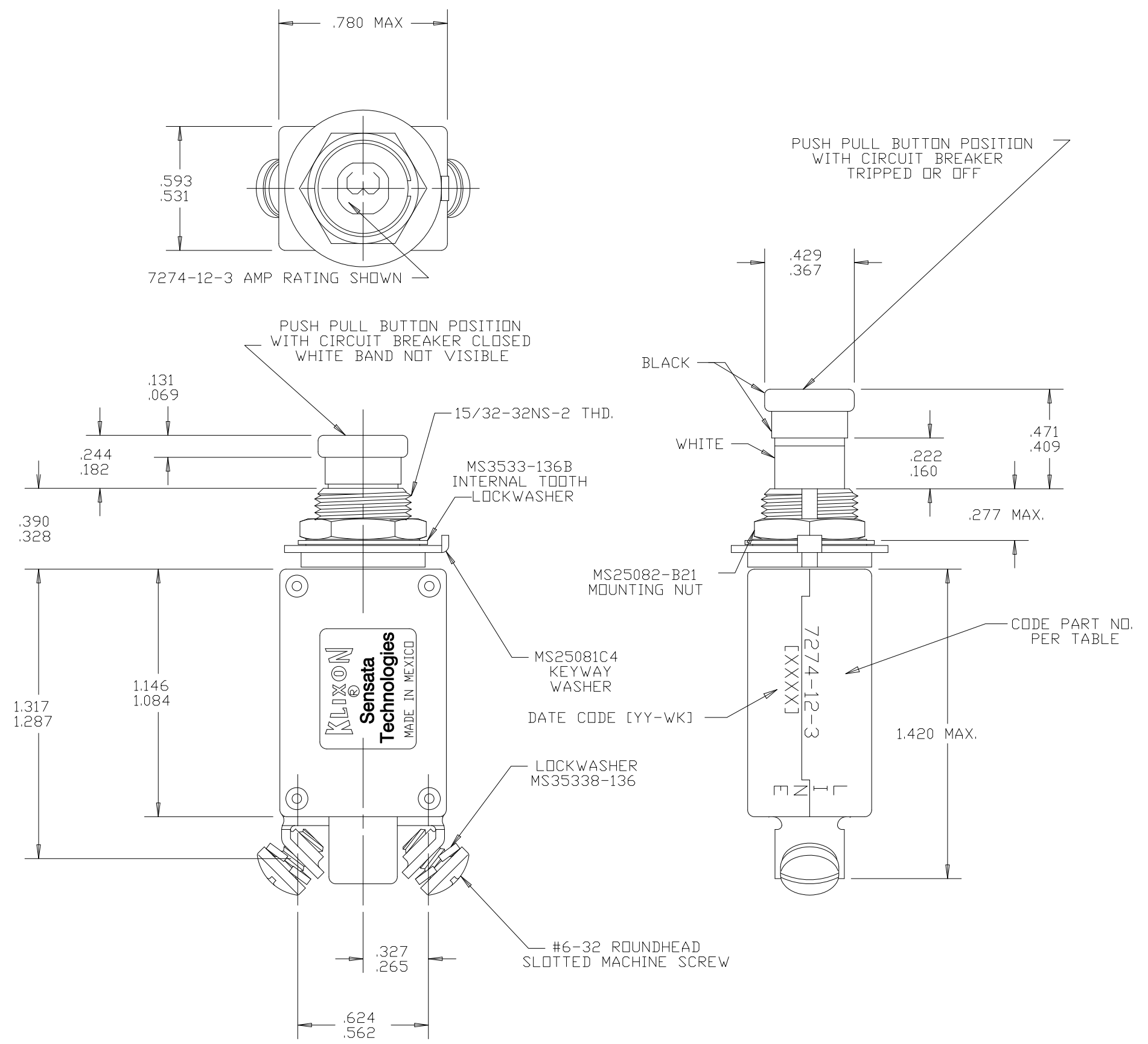
MAXIMUM OPERATING FORCES:  
 PULL OUT ----- 5 LBS. MAX. (222 N)  
 RESET ----- 5 LBS. MAX. (222 N)

ENDURANCE:  
 120 VAC ----- 400 HZ INDUCTIVE ----- 2500 CYCLES  
 400 HZ RESISTIVE ----- 5000 CYCLES  
 30 VDC ----- INDUCTIVE ----- 2500 CYCLES  
 RESISTIVE ----- 5000 CYCLES  
 MECHANICAL ----- 5000 CYCLES

CALIBRATION:

AMBIENT TEMP.	MIN.ULT.TRIP	MAX.ULT.TRIP	200%	500%	1000%
+25°C	115% RATING	150% RATING	2-20 SEC.	.16-1.0 SEC.	.046-.28 SEC.
-55°C	135% RATING	180% RATING	-----	-----	-----
+71°C	90% RATING	130% RATING	-----	-----	-----

PART NO.	AMP RATING	MAXIMUM VOLTAGE DROP	CURRENT INTERRUPTING CAPACITY	
			120 VAC, 400 HZ	28 VDC
7274-12-1/2	1/2	2.00	UNLIMITED	UNLIMITED
7274-12-3/4	3/4	1.45	UNLIMITED	UNLIMITED
7274-12-1	1	1.10	UNLIMITED	UNLIMITED
7274-12-1 1/2	1 1/2	0.75	UNLIMITED	UNLIMITED
7274-12-2	2	0.70	800 AMPS	UNLIMITED
7274-12-2 1/2	2 1/2	0.50	800 AMPS	UNLIMITED
7274-12-3	3	0.33	800 AMPS	UNLIMITED
7274-12-4	4	0.30	800 AMPS	UNLIMITED
7274-12-5	5	0.25	800 AMPS	UNLIMITED
7274-12-7 1/2	7 1/2	0.20	500 AMPS	2000 AMPS
7274-12-10	10	0.15	500 AMPS	2000 AMPS
7274-12-15	15	0.15	500 AMPS	2000 AMPS
7274-12-20	20	0.15	500 AMPS	800 AMPS



- NOTES:
- ALL MOUNTING HARDWARE HAS A DULL BLACK FINISH.
  - CIRCUIT BREAKERS ARE SUITABLE FOR MOUNTING IN A 1/8" THICK PANEL OR LESS.
  - EPOXY SURFACES ARE NON-DIMENSIONED, ENVELOPE DIMENSIONS DO NOT APPLY TO THESE PROJECTED EPOXY SURFACES.
  - DATE CODE PER 10588-285.

FOR REFERENCE ONLY, CHECK LATEST REVISION BEFORE USE. PARTS MADE TO THIS PRINT MUST CONFORM TO E9898 REV. E

DRAWN <b>CHAS. FLEURANT</b> DATE 28-OCT-1991 ENGINEER <b>K.B. GASSER</b> DATE 04-NOV-1992 APPROVED <b>D.R. PETRIE</b> DATE 21-DEC-1994 APPROVED DATE	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. UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS      ANGLES	529 PLEASANT STREET P.O. BOX 2964 ATTLEBORO, MA 02703 <b>Sensata Technologies</b> TITLE <b>7274 STYLE CIRCUIT BREAKER          PUSH PULL-TRIP FREE          ENVELOPE DRAWING</b>
DO NOT SCALE DRAWING THIRD ANGLE PROJECTION	SIZE C <b>7274-12</b> DWG NO. SCALE 1:1 AUTOCAD SHEET 1 OF 1	REV. U PROJECT:3457 1