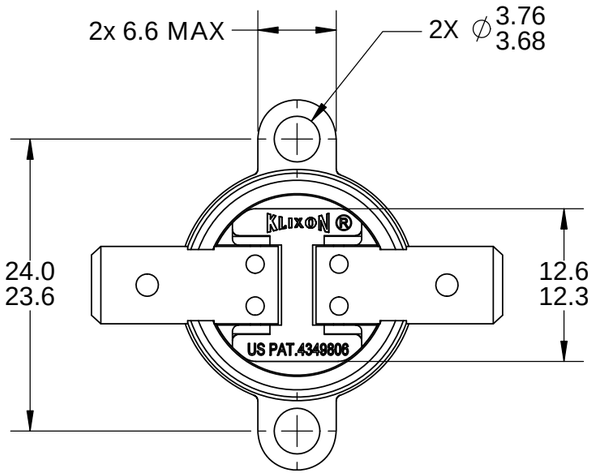
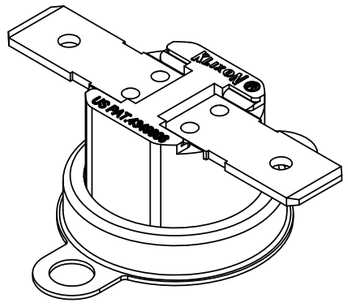
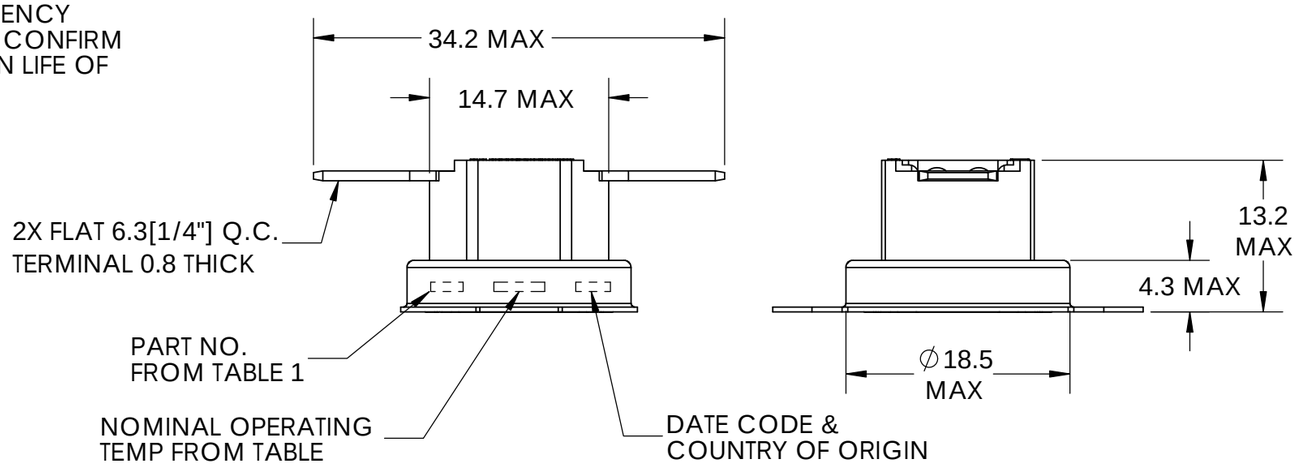
ZONE	REV.	REVISION DESCRIPTION	ECN NO.	DATE
	A	INITIAL RELEASE FOR PRODUCTION	ECO-255937	03-OCT-2018

NOTES:

1. USERS ARE SOLELY RESPONSIBLE FOR DESIGN, APPLICATION, AND FUNCTION OF THE END USE PRODUCT. USERS MUST EVALUATE THE SUITABILITY OF THESE DEVICES TO THEIR APPLICATION WITH RESPECT TO TEMPERATURE SETTINGS, MECHANICAL CYCLE LIFE, ELECTRICAL LOADING AND ENVIRONMENTAL CONDITIONS. THESE DEVICES ARE NOT INTENDED FOR USE IN APPLICATIONS WHERE EXPOSURE TO CONDENSED OR DRIPPING LIQUIDS, IMMERSION IN LIQUID, OR EXPOSURE TO OTHER ENVIRONMENTAL CONTAMINANTS MAY OCCUR
2. DIMENSIONS SHOWN ARE FOR REFERENCE ONLY
3. SEE SHEET 2 FOR ACTUATING TEMPERATURES AND TOLERANCES.
4. CONTACT MATERIAL: SILVER
5. ACTUATION TYPE: AUTOMATIC RESET
6. CODING: STAMP CODE ON CUP







ELECTRICAL RATINGS

THE 1NT SERIES THERMOSTATS HAS BEEN RECOGNIZED BY SAFETY AGENCIES, INCLUDING UL, CANADIAN-UL AND KEMA. AGENCY RATINGS ARE PRESENTED BELOW AS A GENERAL GUIDE. HOWEVER, THE TEMPERATURE SETTINGS, MECHANICAL, ELECTRICAL, THERMAL, AND ENVIRONMENTAL CONDITIONS OF THE SPECIFIC APPLICATION MAY DIFFER SIGNIFICANTLY FROM AGENCY TEST CONDITIONS. THEREFORE, THE USER MUST NOT RELY SOLELY ON THE AGENCY RATINGS PRESENTED HERE, BUT MUST PERFORM ITS OWN TESTING OF THE PRODUCT TO CONFIRM THAT THE THERMOSTAT SELECTED WILL OPERATE AS INTENDED OVER THE USEFUL DESIGN LIFE OF THE USER'S APPLICATIONS.

AGENCY	TYPE	CYCLES	ELECTRICAL RATING*	
UL and C-UL	1NT01	100,000	120 VAC	0-9 AMPS
				10-17 AMPS**
			240 VAC	0-5 AMPS
				6-17 AMPS**
			277 VAC	7.2 AMPS
KEMA	1NT01	100,000	240 VAC	0-5 AMPS (1.66) AMPS
				6-13.5 AMPS (1.66) AMPS**
		30,000	240 VAC	16 (5) AMPS
			400 VAC	4 (1) AMPS

* PARANTHESIS INDICATE INDUCTIVE LOAD RATINGS
** UL AND KEMA RATINGS AT THE SPECIFIC OPEN/CLOSE TEMPERATURES. WHEN APPLYING TO THESE ELECTRICAL LEVELS, NOMINAL OPEN/CLOSE TEMPERATURES MUST BE CONSIDERED TO DETERMINE IF THE THERMOSTAT SELECTED WILL OPERATE AS INTENDED IN THE USER'S APPLICATION. PLEASE CONSULT A SENSATA ENGINEER FOR ADDITIONAL CLARIFICATION

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

DRAWN D. PIKE
DATE 03-OCT-2018
ENGINEER D. MULLEN
DATE 03-OCT-2018
APPROVED F. SILVA
DATE 03-OCT-2018
APPROVED B. CURRIER
DATE 03-OCT-2018

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.

INTERPRET DIMENSIONING AND TOLERANCING PER ASME Y14.5-2009. UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS.
TOLERANCES
DECIMALS ANGLES

DO NOT SCALE DRAWING | THIRD ANGLE PROJECTION

Sensata Technologies
529 PLEASANT STREET
P.O. BOX 2964
ATTLEBORO, MA 02703

TITLE
1NT01X HIGH PROFILE LOOSE EAR CONFIGURATION ENVELOPE DRAWING

SIZE	DWG NO.	REV.
A3	1NT01X-HORI1	A

SCALE 1:2 | SOLIDWORKS | SHEET 1 OF 2

DEVICE:
PROJECT:

"OPEN ON RISE" ACTUATION TEMPERATURES AND TOLERANCES

PART NUMBER	TRIP TEMPERATURE				RESET TEMPERATURE			
	°C		°F		°C		°F	
	NOMINAL	TOL.	NOMINAL	TOL.	NOMINAL	TOL.	NOMINAL	TOL.
1NT01L-8409	15.0	±3.0	59.0	±5.5	-5.0	±4.5	23.0	±8.5
1NT01L-8410	20.0	±3.0	68.0	±5.5	0	±4.5	32.0	±8.5
1NT01L-8411	25.0	±3.0	77.0	±5.5	5.0	±4.5	41.0	±8.5
1NT01L-8412	40.0	±3.0	104.0	±5.5	20.0	±4.5	68.0	±8.5
1NT01L-8413	45.0	±3.0	113.0	±5.5	25.0	±4.5	77.0	±8.5
1NT01L-8414	50.0	±3.0	122.0	±5.5	30.0	±4.5	86.0	±8.5
1NT01L-8415	55.0	±3.0	131.0	±5.5	35.0	±4.5	95.0	±8.5
1NT01L-8416	60.0	±3.0	140.0	±5.5	40.0	±4.5	104.0	±8.5
1NT01L-8417	65.0	±3.0	149.0	±5.5	45.0	±4.5	113.0	±8.5
1NT01L-8418	70.0	±3.0	158.0	±5.5	50.0	±4.5	122.0	±8.5
1NT01L-8419	75.0	±3.0	167.0	±5.5	55.0	±4.5	131.0	±8.5
1NT01L-8420	80.0	±3.0	176.0	±5.5	60.0	±4.5	140.0	±8.5
1NT01L-8421	85.0	±3.0	185.0	±5.5	65.0	±4.5	149.0	±8.5
1NT01L-8422	90.0	±3.0	194.0	±5.5	70.0	±4.5	158.0	±8.5
1NT01L-8423	95.0	±3.5	203.0	±6.5	75.0	±5.5	167.0	±10.0
1NT01L-8424	100.0	±3.5	212.0	±6.5	80.0	±5.5	176.0	±10.0
1NT01L-8425	105.0	±3.5	221.0	±6.5	85.0	±5.5	185.0	±10.0
1NT01L-8426	110.0	±3.5	230.0	±6.5	90.0	±5.5	194.0	±10.0
1NT01L-8427	115.0	±3.5	239.0	±6.5	95.0	±5.5	203.0	±10.0
1NT01L-8428	120.0	±3.5	248.0	±6.5	100.0	±5.5	212.0	±10.0
1NT01L-8429	130.0	±4.0	266.0	±7.5	110.0	±8.0	230.0	±14.5
1NT01L-8430	140.0	±4.0	284.0	±7.5	120.0	±8.0	248.0	±14.5
1NT01L-8431	150.0	±5.0	302.0	±9.0	128.0	±9.0	262.4	±16.5
1NT01L-8432	160.0	±5.0	320.0	±9.0	138.0	±9.0	280.4	±16.5
1NT01L-8433	170.0	±5.0	338.0	±9.0	148.0	±9.0	298.4	±16.5
1NT01L-8434	180.0	±5.0	356.0	±9.0	158.0	±9.0	316.4	±16.5
1NT01L-8435	190.0	±5.0	374.0	±9.0	168.0	±9.0	334.4	±16.5
1NT01L-8436	200.0	±5.0	392.0	±9.0	178.0	±9.0	352.4	±16.5

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SIZE	DWG NO.	REV.
A3	1NT01X-HORI1	A
SCALE 1:2	SOLIDWORKS	SHEET 2 OF 2