

ZONE	REV.	REVISION DESCRIPTION	ECN NO.	DATE
	A	INITIAL RELEASE FOR PRODUCTION; SK	ECO-159786	19-APR-2017

NOTES:

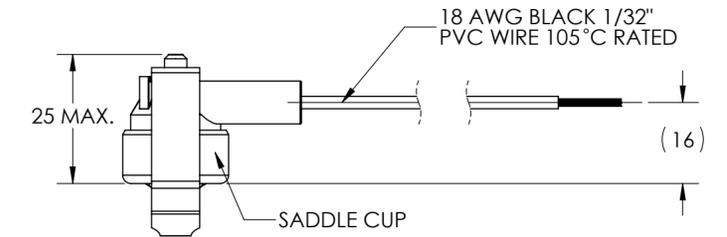
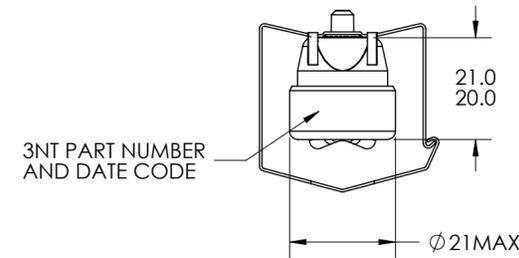
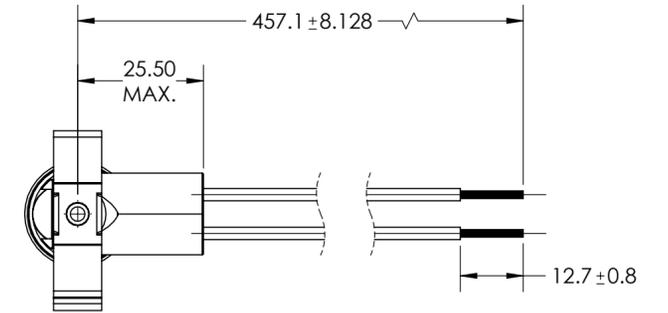
1. USERS ARE SOLELY RESPONSIBLE FOR DESIGN APPLICATION AND FUNCTION OF THE END USE PRODUCT. USERS MUST EVALUATE THE SUITABILITY OF THESE DEVICES TO THEIR APPLICATION WITH RESPECT TO TEMPERATURE SETTINGS, MECHANICAL CYCLE LIFE, ELECTRICAL LOADING AND ENVIRONMENTAL CONDITIONS. THESE DEVICES ARE NOT INTENDED 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. CONTACT ORIENTATION: OPEN ON TEMPERATURE RISE
4. CONTACT MATERIAL: SILVER
5. ACTUATION TYPE: AUTOMATIC RESET
6. DIELECTRIC STRENGTH: 750 VRMS, 1500 VRMS TERMINAL TO CASE
7. CODING: STAMP ON CUP

ELECTRICAL RATINGS

THE 3NT SERIES THERMOSTATS HAS BEEN RECOGNIZED BY SAFETY AGENCIES, INCLUDING UL, CANADIAN-UL AND ENC. 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.

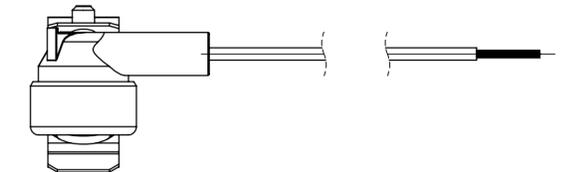
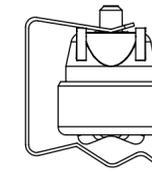
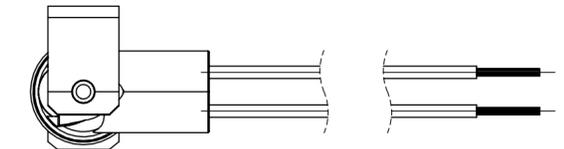
AGENCY	CYCLES x1000	VOLTS	FLA	LRA	AMPS (RESISTIVE)	VA
UL (USA, CANADA)	100,000	120 VAC	5.8	34.8	10	125
		240 VAC	2.9	17.4	10	125
	30,000	120 VAC	10.0	40.0		
		240 VAC	10.0	400.0		
ENEC (EUROPE)	100,000	30 VDC			1	
	30,000	240 VAC			16	

OPTION 1 (Ø 1/2" LOCKING TUBE MOUNTING OPTION)



OPTION 2 (Ø 3/8" SIDE MOUNTING OPTION)

DIMENSIONS SAME AS OPTION 1 EXCEPT WHERE NOTED



ACTUATION TEMPERATURES, TOLERANCES, AND MOUNTING OPTIONS

PART NUMBER	°C		°F		°C		°F		MOUNTING OPTION
	NOMINAL TRIP TEMP.	TOLERANCE	NOMINAL TRIP TEMP.	TOLERANCE	NOMINAL RESET TEMP.	TOLERANCE	NOMINAL RESET TEMP.	TOLERANCE	
3NT01L-H7895	10.0	±3.0	50.0	±5.4	-1.0	±4.0	30.2	±7.2	Option 1
3NT01L-H7897	20.0	±3.0	68.0	±5.4	9.0	±4.0	48.2	±7.2	Option 1
3NT01L-H7899	30.0	±3.0	86.0	±5.4	19.0	±4.0	66.2	±7.2	Option 1
3NT01L-H7901	45.0	±3.0	113.0	±5.4	34.0	±4.0	93.2	±7.2	Option 1
3NT01L-H7903	65.0	±3.0	149.0	±5.4	54.0	±4.0	129.2	±7.2	Option 1
3NT01L-H7905	90.0	±3.0	194.0	±5.4	79.0	±4.0	174.2	±7.2	Option 1
3NT01L-H7907	100.0	±3.5	212.0	±6.3	89.0	±4.0	192.2	±7.2	Option 1
3NT01L-H7909	110.0	±3.5	230.0	±6.3	99.0	±4.0	210.2	±7.2	Option 1
3NT01L-H7911	120.0	±3.5	248.0	±6.3	109.0	±4.0	228.2	±7.2	Option 1
3NT01L-H7913	130.0	±4.0	266.0	±7.2	116.0	±5.5	240.8	±9.9	Option 1
3NT01L-H7915	15.0	±3.0	59.0	±5.4	4.0	±4.0	39.2	±7.2	Option 2
3NT01L-H7917	25.0	±3.0	77.0	±5.4	14.0	±4.0	57.2	±7.2	Option 2
3NT01L-H7919	40.0	±3.0	104.0	±5.4	29.0	±4.0	84.2	±7.2	Option 2
3NT01L-H7921	50.0	±3.0	122.0	±5.4	39.0	±4.0	102.2	±7.2	Option 2
3NT01L-H7923	80.0	±3.0	176.0	±5.4	69.0	±4.0	156.2	±7.2	Option 2
3NT01L-H7925	95.0	±3.5	203.0	±6.3	84.0	±4.0	183.2	±7.2	Option 2
3NT01L-H7927	105.0	±3.5	221.0	±6.3	94.0	±4.0	201.2	±7.2	Option 2
3NT01L-H7929	115.0	±3.5	239.0	±6.3	104.0	±4.0	219.2	±7.2	Option 2
3NT01L-H7931	125.0	±4.0	257.0	±7.2	111.0	±5.5	231.8	±9.9	Option 2
3NT01L-H7933	135.0	±4.0	275.0	±7.2	121.0	±5.5	249.8	±9.9	Option 2

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 S. KONG DATE 19-APR-2017	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	TITLE 3NT ENVELOPE DRAWING		
ENGINEER B. CURRIER DATE 19-APR-2017		SIZE A2	DWG NO. 3NT01L-H7XXX	REV. A
APPROVED D. MULLEN DATE 19-APR-2017		DO NOT SCALE DRAWING	THIRD ANGLE PROJECTION	SCALE 1:1
APPROVED R. RIVERA DATE 19-APR-2017		SOLIDWORKS		SHEET 1 OF 1