

DISPLAY CAN BE ROTATED 180° BOTH DIRECTIONS

SPECIFICATIONS:

- MECHANICAL:**
 - WETTED MATERIALS: 316 STAINLESS STEEL
 - ENCLOSURE: TYPE 360 ALUMINUM; EPOXY POWDER COATED
- ELECTRICAL:**
 - ELECTRICAL CONNECTION: 3 POSITION TERMINAL BLOCK, 22-14 AWG Max
 - SWITCH SPECS:
 - POWER INPUT: 2 WIRE 120 V DISCRETE INPUT POWERED (90-130 VAC/VDC) @ 1mA
 - SWITCH OUTPUT: 90 TO 130 VAC/VDC @ 0.1A, 3.75mA MIN. LOAD REQUIRED
 - SWITCH STATE MAX : 90-130 VAC/VDC @ 1mA (V. OPEN)
 - 13 VAC/VDC @ 100mA (V. CLOSED)

APPROVALS:

- cULus LISTED**
 - CLASS I, DIVISION 1, GROUPS A, B, C & D;
 - CLASS II, DIVISION 1, GROUPS E, F & G; CLASS III
 - CLASS I, ZONE 1, AEx d IIC T5; CLASS 1, ZONE 1, Ex d IIC T5
 - Tamb = -40°C TO +85°C (-40°F TO 185°F)
 - ENCLOSURE TYPE 4X; IP66
- ATEX APPROVED**
 - II 2 G Ex d IIC T5
 - II 2 D Ex tD A21 IP66 T+90C
 - DEMKO 09 ATEX 0813748X
 - Tamb = -40°C TO +85°C (-40°F TO 185°F)
- IECEx APPROVED**
 - IECEx UL 08.0017
 - Ex d IIC T5
 - Ex tD A21 IP66 T+90C
 - Tamb. = -40°C TO +85°C (-40°F TO 185°F)

MODEL TLX	TEMPERATURE RANGE	SHEATH LENGTH	
		INCHES	[cm]
TL1	-40 TO 450°F/ -40 TO 232°C	4"	[10.1]
TL2	-40 TO 450°F/ -40 TO 232°C	6"	[15.2]
TL3	-40 TO 450°F/ -40 TO 232°C	10"	[25.4]

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	REV.	DESCRIPTION	DATE	DRWN	APPD

ORIGINAL DATE	4-7-09
DRWN	RAM
CHKD	PLW
APPD	R. McCAREY
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON FRACTIONS ±1/64	
2 PLACE DEC	3 PLACE DEC
±0.010	±0.005
ANGLES ±1/2°	
DO NOT SCALE THIS DRAWING	

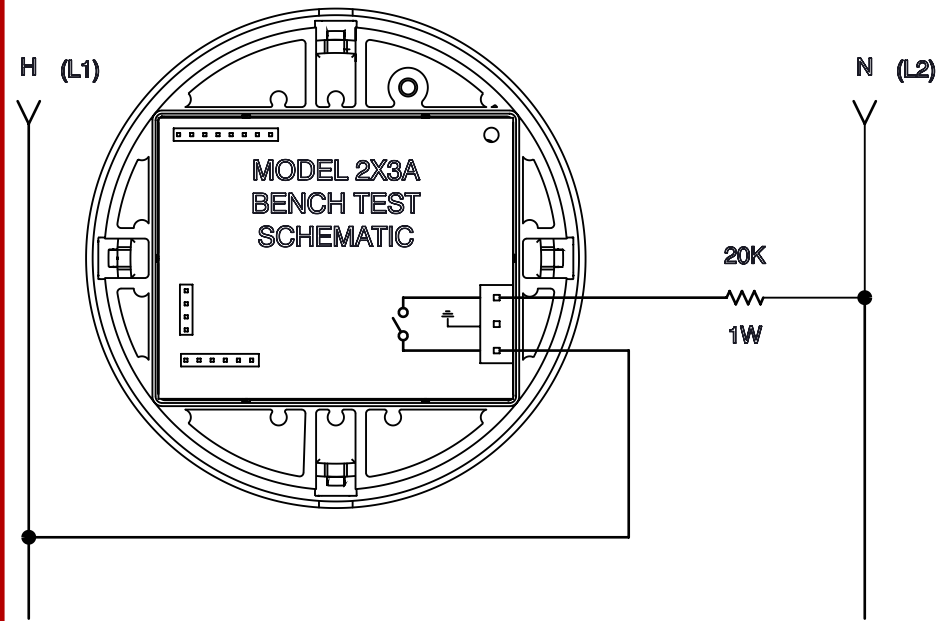
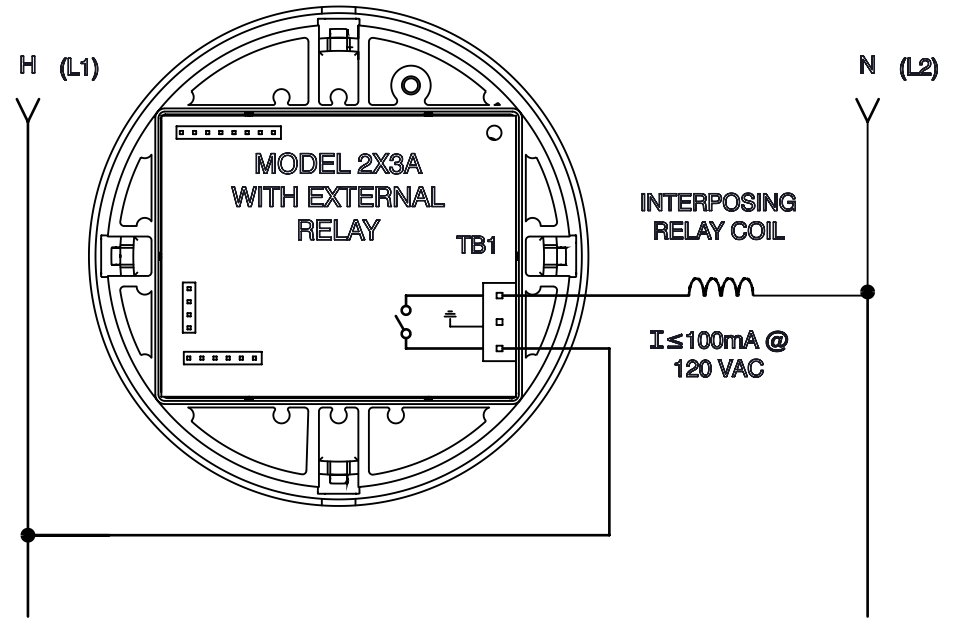
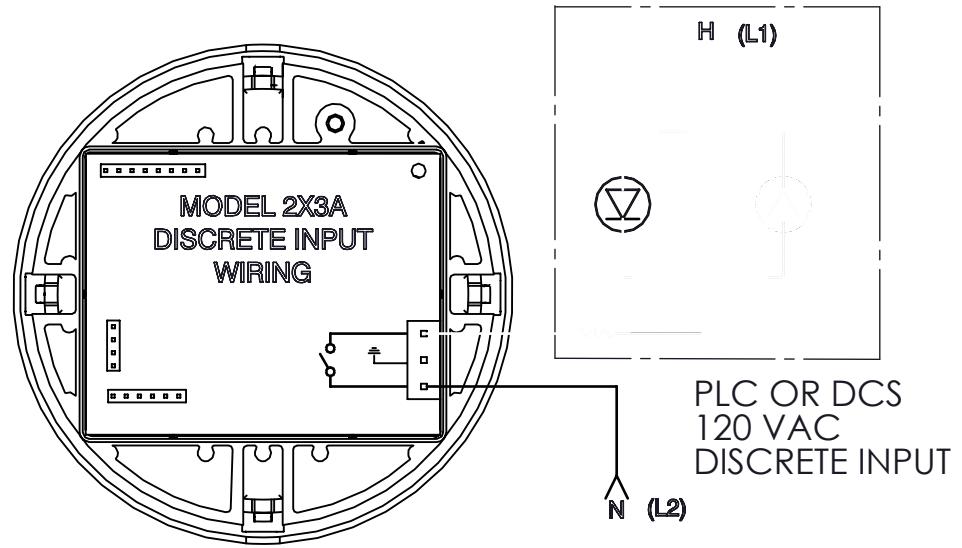
TITLE
2X3A LOCAL WELDED TEMP. SWITCH

USED ON:
SCALE 1:1

UNITED ELECTRIC CONTROLS COMPANY
WATERTOWN * MASSACHUSETTS

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RECOMMENDED WIRING SCHEMES



ORIGINAL DATE	4-7-09		
DRWN	RAM		
CHKD	PLW		
APPD	R. McCAREY		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON FRACTIONS ±1/64			
2 PLACE DEC	3 PLACE DEC	ANGLES	
±0.010	±0.005	±1/2°	
DO NOT SCALE THIS DRAWING			

TITLE	2X3A LOCAL WELDED TEMP. SWITCH
USED ON:	
SCALE	1:1

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WATERTOWN * MASSACHUSETTS

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