

SPECIFICATIONS:

MECHANICAL:
 WETTED MATERIALS: USER SUPPLIED
 ENCLOSURE: TYPE 360 ALUMINUM; EPOXY POWDER COATED

SENSOR REQUIREMENT:
 USER-SUPPLIED SENSOR FOR EXPLOSION-PROOF MODELS ONLY MUST BE 4-WIRE RTD, 100 Ω PLATINUM, DIN 0.00385

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 TUX	TEMPERATURE RANGE	
	°F	°C
TU1	-300 TO 200	-184 TO 93
TU2	-40 TO 450	-40 TO 232
TU3	-40 TO 1000	-40 TO 538

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REV.	DESCRIPTION	DATE	DRWN	APPD
B	SEE PG. 2 OF 2. ECN#E3750	9-15-10	SR	RAM
A	FIRST ISSUE. ECN#E3133	4-7-09	RAM	RAM

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	

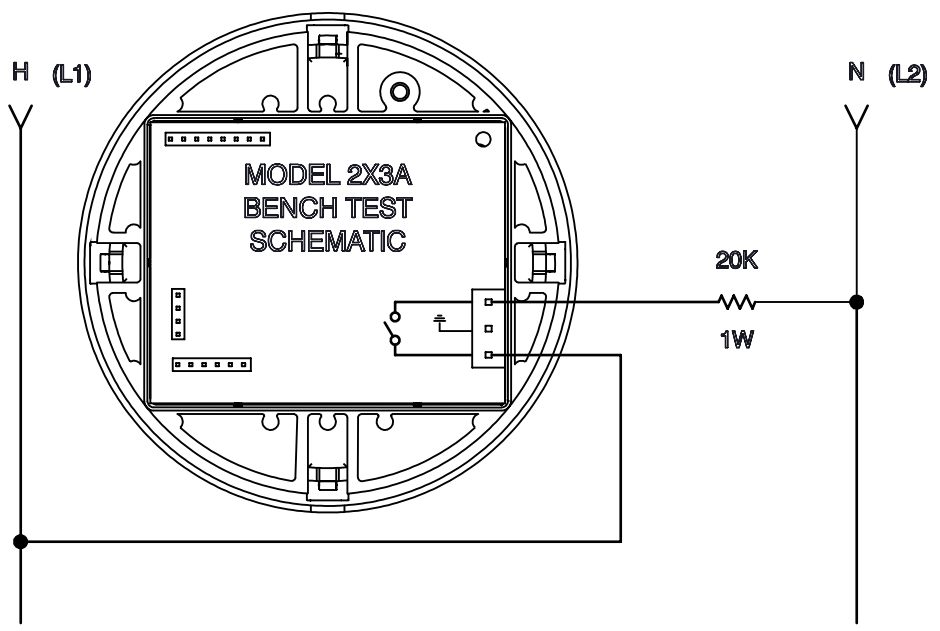
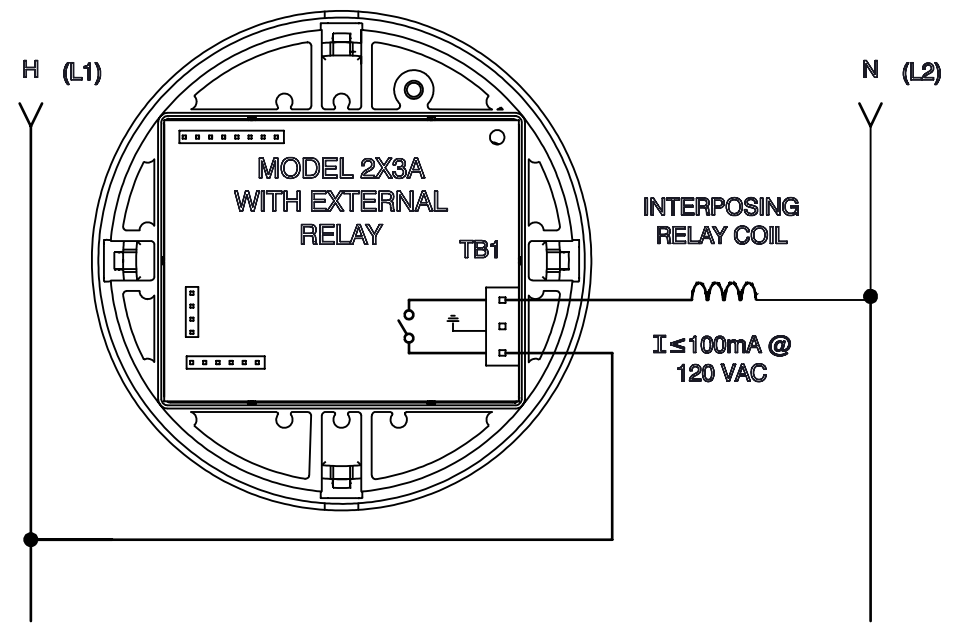
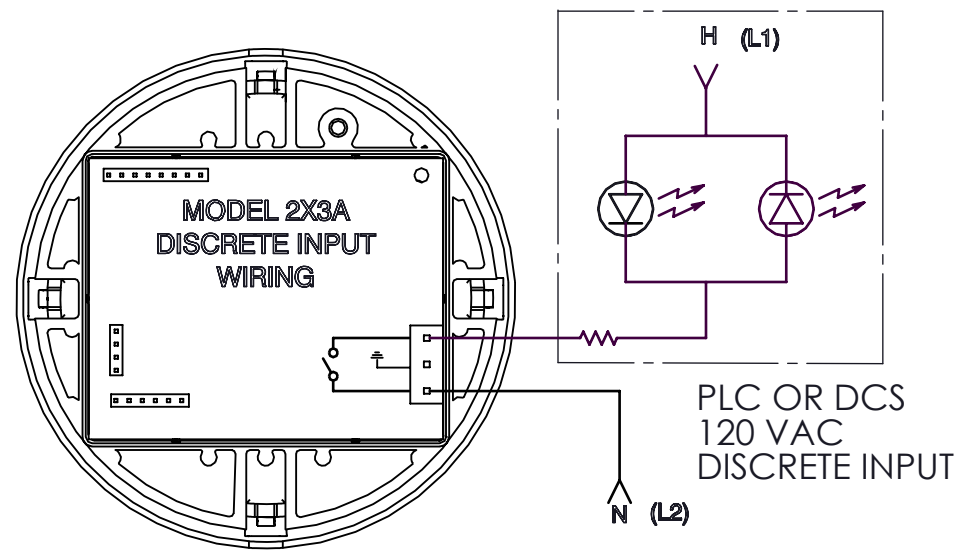
TITLE
2X3A USER TEMP. SWITCH

USED ON:
 SCALE 1:1

UNITED ELECTRIC CONTROLS COMPANY
 WATERTOWN * MASSACHUSETTS

DWG NO Page 1 of 2
A-13932

RECOMMENDED WIRING SCHEMES



**WARNING: AGENCY CRITICAL DOCUMENT.
NO REVISIONS WITHOUT CERTIFICATION
ENGINEER APPROVAL**

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 USER TEMP. SWITCH
USED ON:	
SCALE	1:1

UNITED ELECTRIC
CONTROLS COMPANY
WATERTOWN * MASSACHUSETTS

DWG NO A-13932 Page 2 of 2

REV.	DESCRIPTION	DATE	DRWN	APPD
B	REVISED "PLC OR DCS" WIRING DIAGRAM TO BE VISIBLE IN PDF FILE. ECN#E3750	9-15-10	SR	RAM
A	FIRST ISSUE. ECN#E3133	4-7-09	RAM	RAM

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