

SPECIFICATIONS:

MECHANICAL:
 WETTED MATERIALS: 316 STAINLESS STEEL
 ENCLOSURE: TYPE 360 ALUMINUM; EPOXY POWDER COATED

ELECTRICAL:
 ELECTRICAL CONNECTION:
 4 POSITION TERMINAL BLOCK, 20-10 AWG Max

SWITCH SPECS:
 POWER INPUT:
 4 WIRE 120 VAC EXTERNAL POWERED (90-130 VDC) @ 15mA
 SWITCH OUTPUT (4X3A01 MODELS):
 24 TO 280 VAC @ 10A, 150 mA MIN. LOAD REQUIRED.

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 +70°C (-40°F TO 158°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 +70°C (-40°F TO 158°F)

IECEx APPROVED
 IECEx UL 08.0017
 Ex d IIC T5
 Ex td A21 IP66 T+90C
 Tamb. = -40°C TO +70°C (-40°F TO 158°F)

MODEL	TEMPERATURE RANGE	EXTENSION LENGTH	
		ft	[meter]
TR1	-40 TO 450°F/ -40 TO 232°C	6'	[1.8]
TH1	-40 TO 1000°F/ -40 TO 538°C	6'	[1.8]
TC1	-300 TO 200°F/ -184 TO 93°C	6'	[1.8]

REV.	DESCRIPTION	DATE	DRWN	APPD
B	DELETED MODELS: "TRC" (-40 TO 450°F / -40 TO 232°C) & "THC" (-40 TO 1000°F / -40 TO 538°C), BOTH MODELS HAD EXTENSION LGTH: UP TO 30' max. IN 1' INCREMENTS. DELETED "TRX" FROM MODEL TITLE. 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	RAM
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

**4X3A
 REMOTE
 TEMP.
 SWITCH**

USED ON:

SCALE 1:1

UE

**UNITED ELECTRIC
 CONTROLS COMPANY**

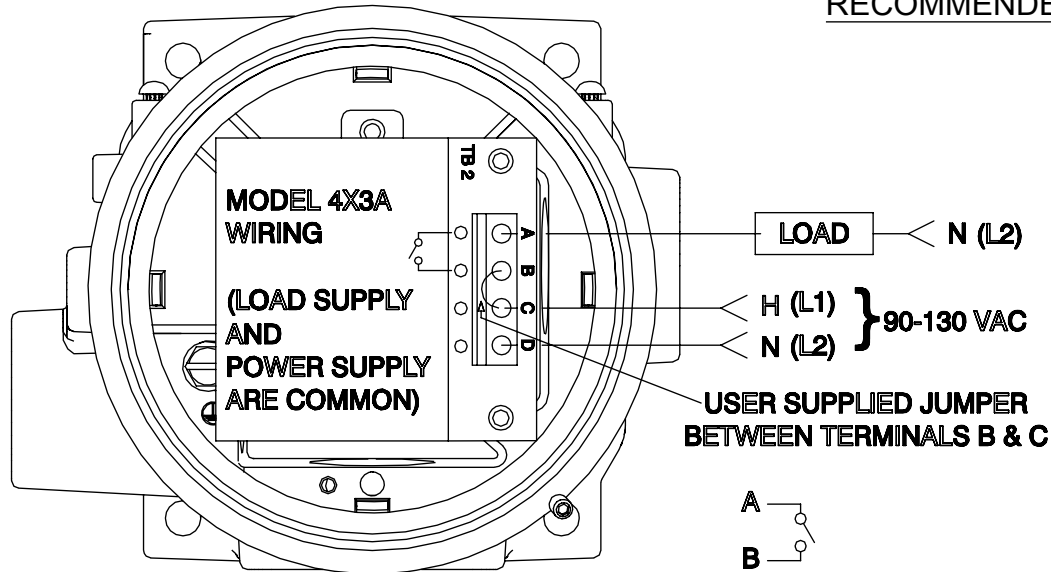
WATERTOWN * MASSACHUSETTS

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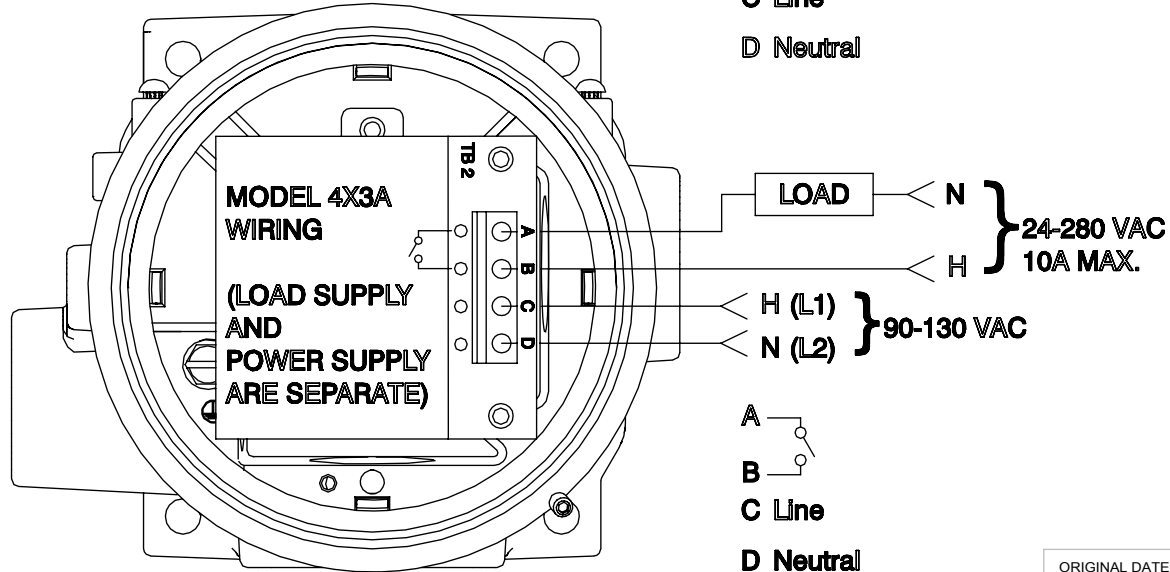
A-13941

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RECOMMENDED WIRING SCHEMES



- A
- B
- C Line
- D Neutral



- A
- B
- C Line
- D Neutral

ORIGINAL DATE	4-7-09
DRWN	RAM
CHKD	RAM
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°
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TITLE	4X3A REMOTE TEMP. SWITCH	
USED ON:		
SCALE		1:1

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REV.	DESCRIPTION	DATE	DRWN	APPD
B	SEE PG. 1 OF 2. ECN#E3750	9-15-10	SR	RAM
A	FIRST ISSUE. ECN#E3133	4-7-09	RAM	RAM