

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:
 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 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 |

| | |
|--|-------------|
| 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 | |

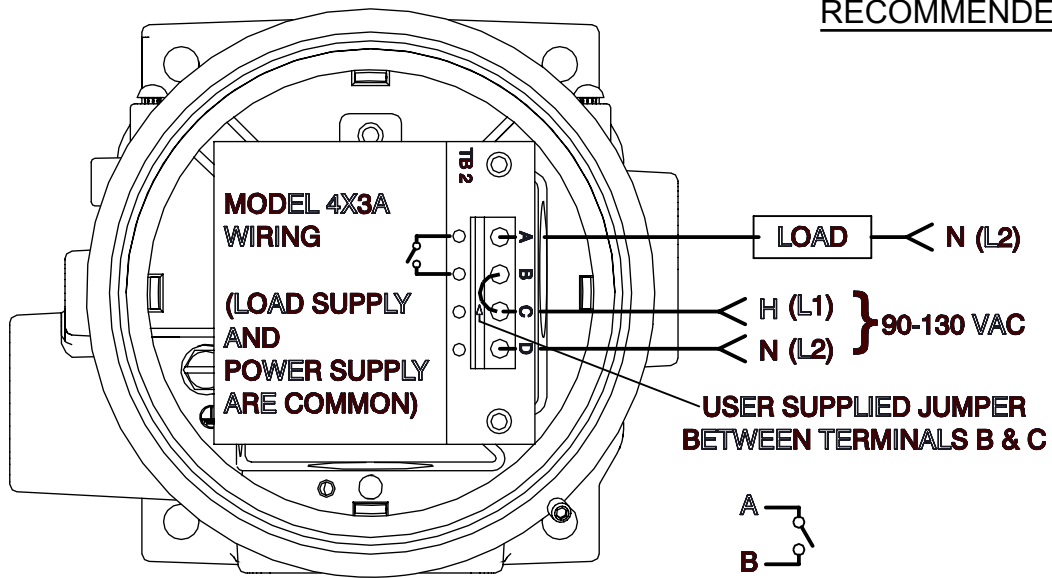
TITLE
4X3A USER TEMP. SWITCH

USED ON:
 SCALE 1:1

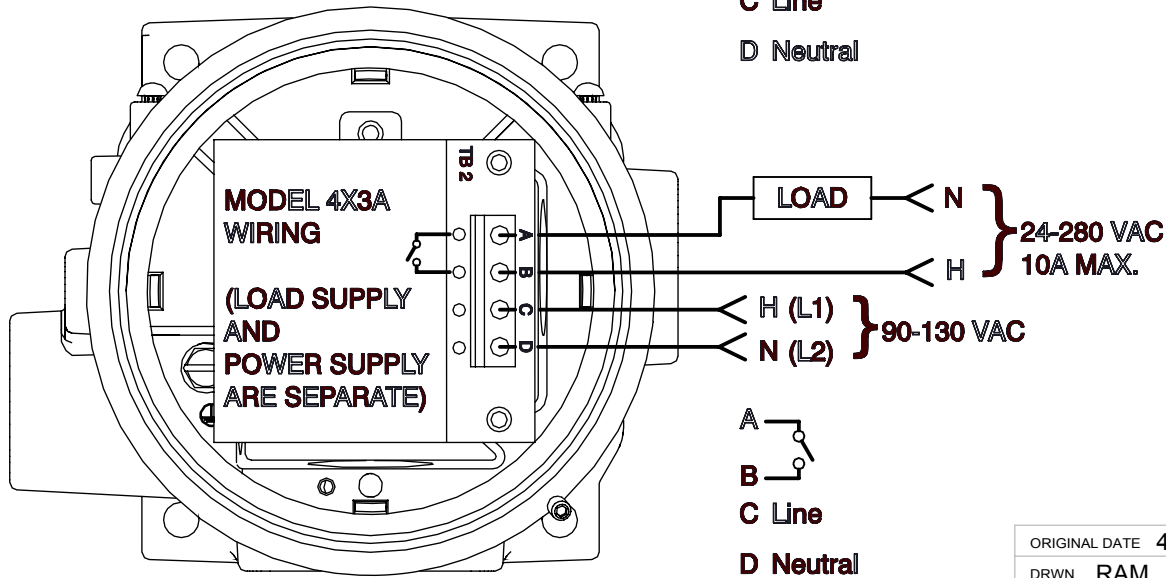
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| | REV. | DESCRIPTION | DATE | DRWN | APPD |

RECOMMENDED WIRING SCHEMES



- A
- B
- C Line
- D Neutral



- A
- B
- C Line
- D Neutral

| | |
|---|-------------|
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| | |
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| TITLE | 4X3A USER TEMP. SWITCH |
| USED ON: | SCALE 1:1 |

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