

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 48 VDC DISCRETE INPUT POWERED (30-50 VDC) @ 750µA
 SWITCH OUTPUT: 30 TO 50 VDC @ 40mA, 2.0mA MIN. LOAD REQUIRED
 SWITCH STATE MAX : 30-50 VDC @ 1mA (V. OPEN)
 5.0VDC @40 mA (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 TRX	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]
TRC	-40 TO 450°F/ -40 TO 232°C	UP TO 30' max. IN 1' INCREMENTS	[9.1] MAX
THC	-40 TO 1000°F/ -40 TO 538°C	UP TO 30' max. IN 1' INCREMENTS	[9.1] MAX

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 ANGLES
 ±0.010 ±0.005 ±1/2°

TITLE
**2X4D
 REMOTE
 TEMP.
 SWITCH**

USED ON:
 SCALE 1:1

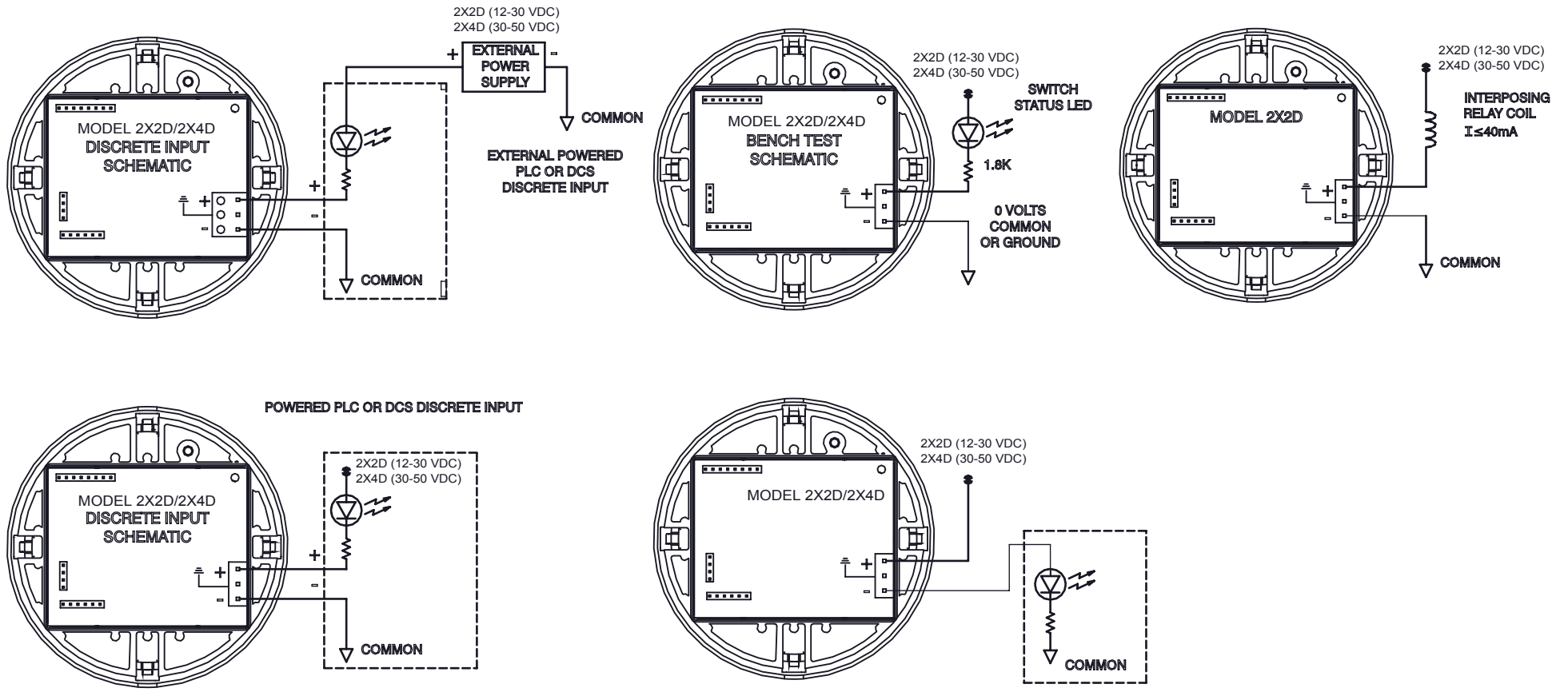
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 UNITED ELECTRIC
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 WATERTOWN * MASSACHUSETTS

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	REV.	DESCRIPTION	DATE	DRWN	APPD

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RECOMMENDED WIRING SCHEMES



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

TITLE	2X4D REMOTE TEMP. SWITCH
USED ON:	
SCALE	1:1



**UNITED ELECTRIC
CONTROLS COMPANY**
 WATERTOWN * MASSACHUSETTS

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