

SPECIFICATIONS:

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

ELECTRICAL:
ELECTRICAL CONNECTION:
POWER SUPPLY: 3 POSITION TERMINAL BLOCK, 22-14 AWG Max
4-20 mA LOOP: 2 POSITION TERMINAL BLOCK, 26-14 AWG MAX

SWITCH SPECS:
POWER INPUT: 2 WIRE 24 VDC ANALOG INPUT LOOP POWERED (10-36 VDC) @ 4-20mA
SWITCH OUTPUT RATINGS:
2XLP41 MODELS: 0 TO 140 VAC/VDC @ 0.6A, 0 mA MIN. LOAD REQUIRED.
2XLP43 MODELS: 0 TO 280 VAC/VDC @ 0.3A, 0 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 +80°C (-40°F TO 176°F)
ENCLOSURE TYPE 4X; IP66

ATEX APPROVED
II 2 G Ex d IIC T5
II 2 D Ex d A21 IP66 T+90C
DEMKO 09 ATEX 0813748X
Tamb = -40°C TO +80°C (-40°F TO 176°F)

IECEx APPROVED
IECEx UL 08.0017
Ex d IIC T5
Ex d A21 IP66 T+90C
Tamb. = -40°C TO +80°C (-40°F TO 176°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]

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
2XLP LOCAL WELDED TEMP. SWITCH

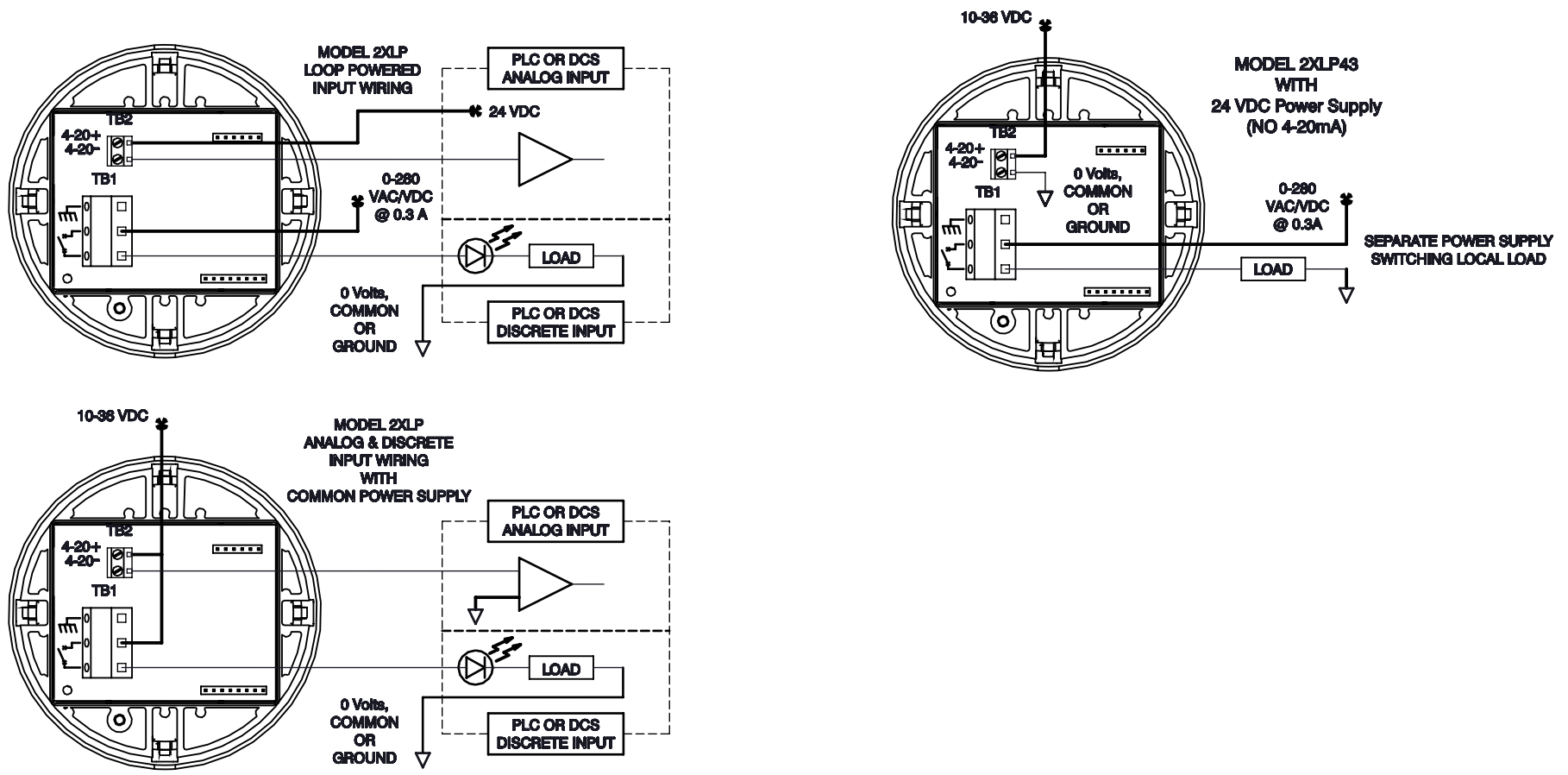
USED ON:
SCALE 1:1

UNITED ELECTRIC CONTROLS COMPANY
WATERTOWN * MASSACHUSETTS

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	REV.	DESCRIPTION	DATE	DRWN	APPD

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	2XLP LOCAL WELDED TEMP. SWITCH
USED ON:	
SCALE	1:1



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