

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 T3/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 KXX	OPERATING RANGE			MAX. OVER PRESSURE		MAX. WORKING PRESSURE	
	LOW psi/bar	HIGH psi	bar	psi	bar	psi	bar
K10	0	5	0.3	10	0.7	50	3.4
K11	0	50	3.4	100	6.9	500	34.5
K12	0	100	6.9	200	13.8	1500	103.4
K13	0	200	13.8	400	27.6	1500	103.4

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REV.	DESCRIPTION	DATE	DRWN	APPD
B	K12 & K13: MAX WORKING PRESSURE WAS 68.9 bar. ECN# E4062.	5/31/11	MJF	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 ANGLES ±0.010 ±0.005 ±1/2°	
DO NOT SCALE THIS DRAWING	

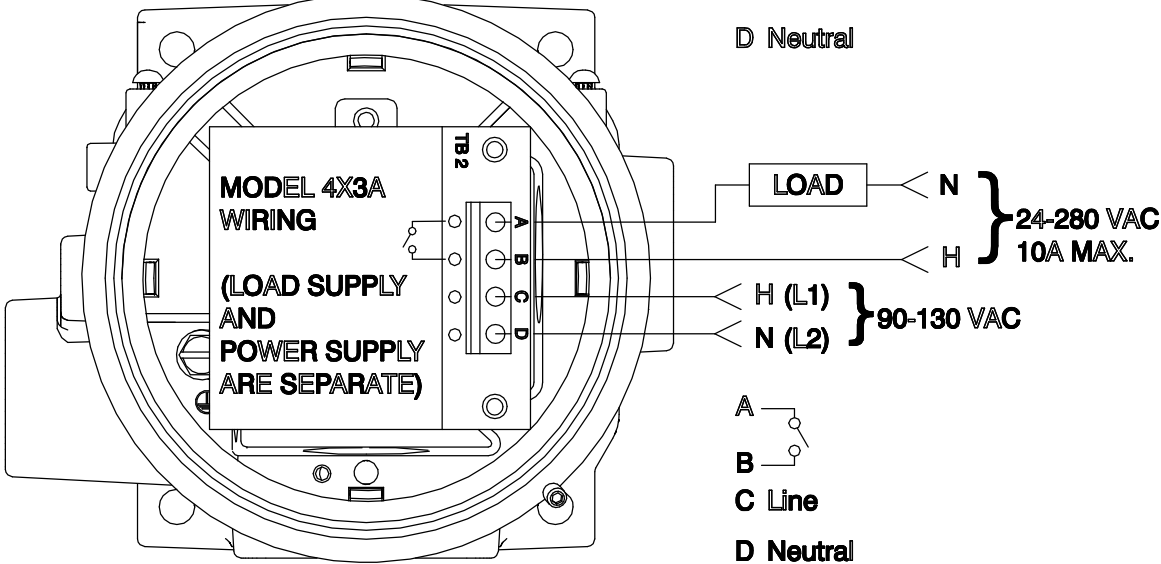
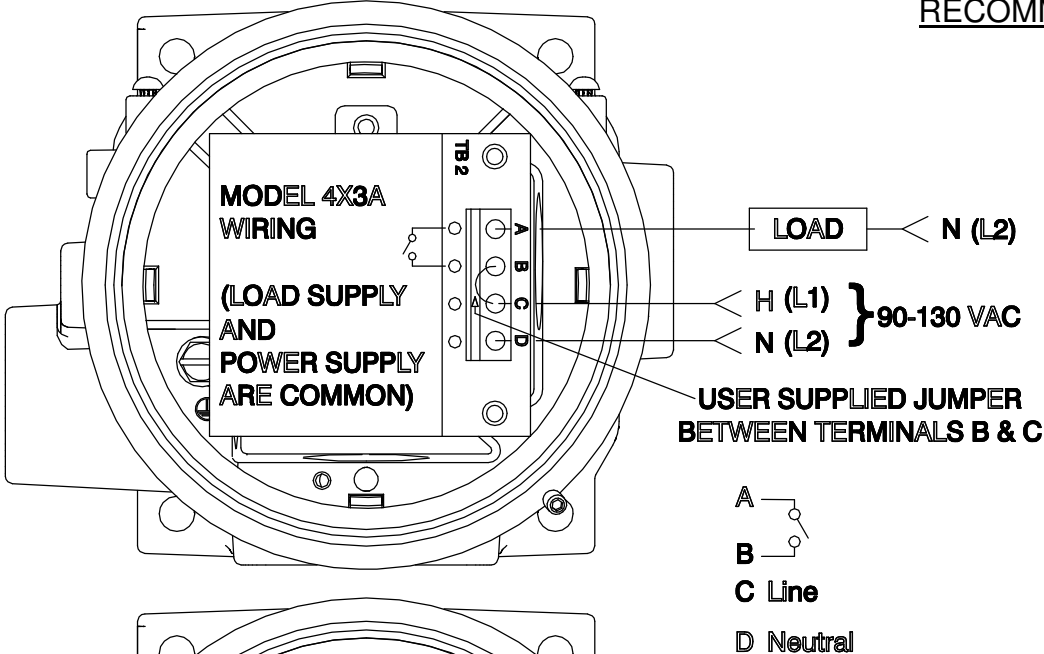
TITLE
4X3A DIFF. PRESSURE SWITCH

USED ON:
 SCALE 1:1

UNITED ELECTRIC CONTROLS COMPANY
 WATERTOWN * MASSACHUSETTS

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RECOMMENDED WIRING SCHEMES



ORIGINAL DATE	4-7-09
DRWN	RAM
CHKD	RAM
APPD	R. McCAREY

TITLE
4X3A DIFF. PRESSURE SWITCH

UE
 UNITED ELECTRIC CONTROLS COMPANY
 WATERTOWN * MASSACHUSETTS

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

USED ON:
 SCALE 1:1

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B	K12 & K13: MAX WORKING PRESSURE WAS 68.9 bar. ECN# E4062.	5/31/11	MJF	RAM
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