

SPECIFICATIONS:

MECHANICAL:

WEIGHT: 1.8 LBS. (0.8 kg)
 ENCLOSURE: 316 st/st
 WETTED MATERIALS (STANDARD CONSTRUCTION):
 316 st/st, 303 st/st, BUNA-N, TEFLON

ELECTRICAL:

OUTPUT: SPDT OR TWO SPDT FOR DPDT ACTION
 RATING:
 STANDARD CONTACTS:
 5A 250VAC
 5A 28VDC RESISTIVE
 3A 28VDC INDUCTIVE
 GOLD CONTACTS (OPTION 0140):
 1A 125VAC
 1A 30VDC RESISTIVE
 0.5A 30VDC INDUCTIVE

SET POINT REPEATABILITY: ±1.5% OF OPER. RANGE

TEMPERATURE:

STORAGE: -58 TO 185°F (-50 TO 85°C)
 AMBIENT:
 UE TESTED: -40 TO 185°F (-40 TO 85°C)
 MEDIA: -10°F TO 200°F (-23°C TO 93°C)
 WETTED MATERIAL OPTIONS MAY AFFECT MEDIA
 TEMP LIMITATIONS

APPROVALS:

UL (cULus) CERTIFIED FOR HAZARDOUS LOCATIONS
 CLASS 1, ZONE 1 GROUP IIC
 CLASS I, DIVISION 1 & 2, GROUPS A, B, C, D
 CLASS II, DIVISION 1 & 2, GROUPS E, F, G
 CLASS III, ENCLOSURE TYPE 4X
 -50°C TO 95°C

CENELEC: II 2 G EEx d IIC T6
 II 2 D T+85°C, IP66
 -50°C ≤ Tamb ≤ 80°C
 DEMKO 04 ATEX 0334782X

CE: -CONFORMS TO LOW VOLTAGE DIRECTIVE
 -CONFORMITY TO PRESSURE EQUIPMENT DIRECTIVE
 -CONFORMITY TO PED CAT IV OPTIONAL

WIRE COLOR CODE	
COLOR	FUNCTION
BLUE	NO1
BROWN	C1
RED	NC1
GREEN	GND
VIOLET	NO2
YELLOW	C2
BLACK	NC2

DPDT SWITCH ONLY

72" LONG, 18AWG LEADWIRES

1/2" NPT MALE

7/8" [22 mm]

2 1/4" [57mm]

REMOVE COVER TO CHANGE SETPOINT.
 TURN ADJUSTMENT WHEEL LEFT TO INCREASE SETPOINT.

PROCESS CONNECTION


"B"
 WRENCH FLATS

1 7/8" SQ [48mm SQ]

MODEL	OPERATING RANGE		MAX. WORKING PRESURE		PROOF PRESSURE		PROCESS CONN.	DIM 'A'	DIM 'B'
	psi	bar	psi	bar	psi	bar			
3611A	475-1500	32.8-103	6500	448	18500	1276	1/4" NPT female	1-1/16"	3/4"
3611B	900-3000	62.1-207	9000	621	18500	1276	1/4" NPT female	1-1/16"	3/4"
3611C	1800-9000	124-621	10000	689	18500	1276	1/4" NPT female	1-1/16"	3/4"
3612A	475-1500	32.8-103	6500	448	18500	1276	1/2" NPT female	1-1/2"	1"
3612B	900-3000	62.1-207	9000	621	18500	1276	1/2" NPT female	1-1/2"	1"
3612C	1800-9000	124-621	10000	689	18500	1276	1/2" NPT female	1-1/2"	1"
3614A	475-1500	32.8-103	6500	448	18500	1276	AUTOCLAVE SF-250-CX	1-1/16"	1-5/16"
3614B	900-3000	62.1-207	9000	621	18500	1276	AUTOCLAVE SF-250-CX	1-1/16"	1-5/16"
3614C	1800-9000	124-621	10000	689	18500	1276	AUTOCLAVE SF-250-CX	1-1/16"	1-5/16"

ORIGINAL DATE	8/29/02
DRWN	PLW
CHKD	A.B.
APPD	W.K.

TITLE
 361
 PRESSURE
 SWITCH

DF001D

 UNITED ELECTRIC
 CONTROLS COMPANY
 WATERTOWN * MASSACHUSETTS

B	REVISIONS	DATE	DWN	APPD
B	REVISED VIEW OF ADJUSTMENT WHEEL. REVISED APPROVAL & CONFORMITY SPECS. ECN#E0713	4-8-04	S.R.	HN
A	FIRST ISSUE. ECN# E0007	8/28/02	PLW	W.K.
SYM	DESCRIPTION	DATE	DWN	APPD

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

SCALE N.T.S.

DWG NO
 A-13784

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