

SPECIFICATIONS:

(SPECIFICATIONS AT 25°C (77°F) AND NOMINAL VOLTAGE UNLESS OTHERWISE NOTED.)

MECHANICAL:

WETTED MATERIALS: PROCESS CONNECTION - 316 st/st
WEIGHT: 1.58 LBS. (0.71 kg)

ENCLOSURE: TYPE 380 ALUMINUM; EPOXY POWDER COATED

ELECTRICAL:

ELECTRICAL CONNECTION:
4 POSITION TERMINAL BLOCK

SWITCH SPECS.:
90 TO 130 VAC, 10A AT Tamb. 38°C (100°F)
DERATE AT 1.8A PER 10°C (18°F)
150 mA MINIMUM LOAD REQUIRED

OPERATING:

OVERALL ACCURACY:
±1% OF MAX. OPERATING RANGE VALUE

SET POINT REPEATABILITY:
±0.2% OF MAX. OPERATING RANGE VALUE

LONG TERM STABILITY:
±0.25 OF RANGE PER YEAR, MAX.

AMBIENT TEMPERATURE:

OPERATING: -40°C TO 70°C (-40°F TO 158°F)
LCD VISIBILITY TEMP: -12°C TO 70°C (10°F TO 158°F)
STORAGE: -40°C TO 85°C (-40°F TO 185°F)

MEDIA TEMPERATURE:

-45°C TO 232°C (-50°F TO 450°F)
REFER TO NAMEPLATE FOR OPERATING TEMPERATURE RANGE.

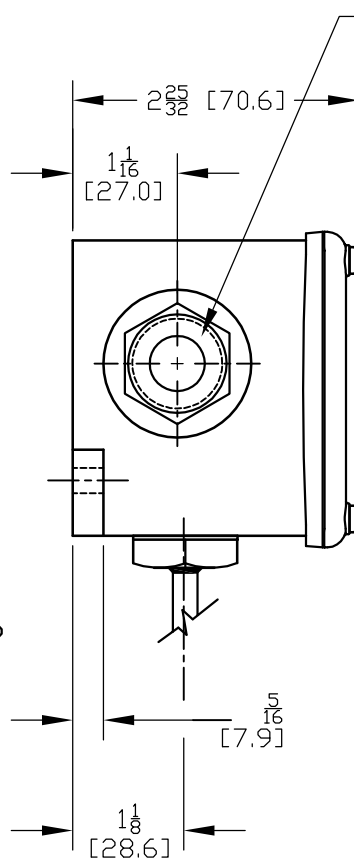
APPROVALS:

NONINCENDIVE APPLICATIONS:
UL LISTED, cUL CERTIFIED

CLASS I, DIVISION 2, GROUPS A, B, C & D;
CLASS II, DIVISION 2, GROUPS F & G;

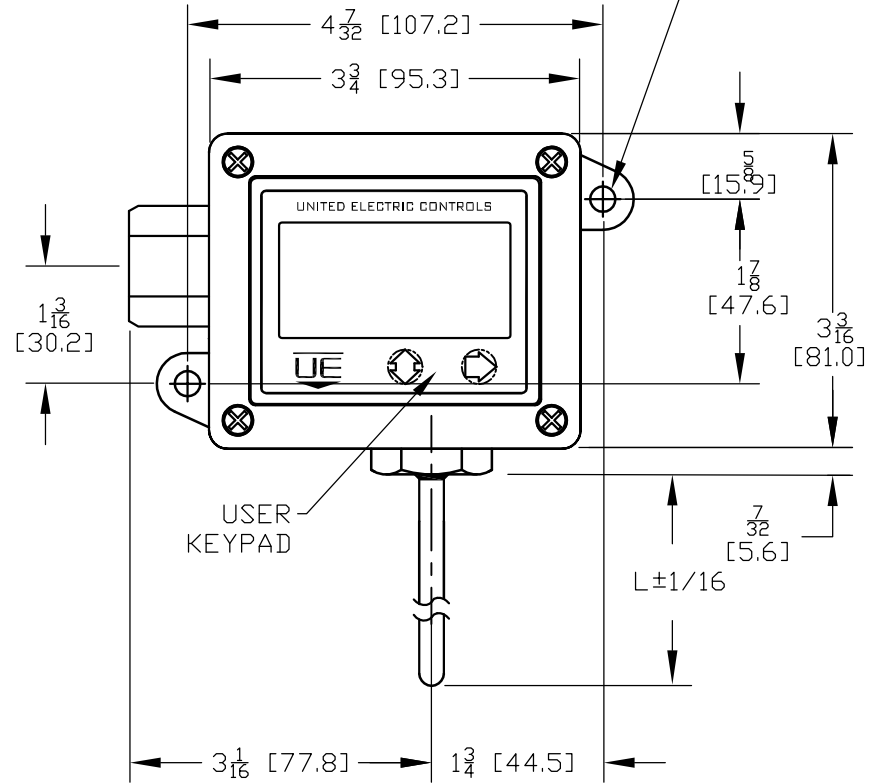
CLASS III;
CLASS I, ZONE 2 AEx nC IIC T4A;
CLASS I, ZONE 2 Ex nC IIC T4A;

Tamb. = -40°C TO +70°C (-40°F TO 158°F)
ENCLOSURE TYPE 4X

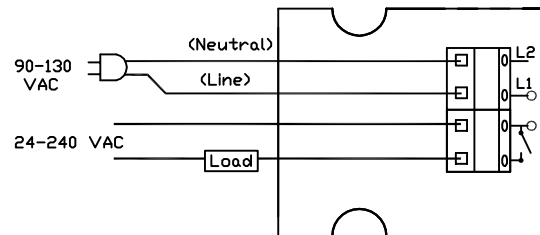


1/2 NPT (female)
ELECTRICAL
CONNECTION

CLEARANCE FOR Ø 1/4 BOLT
2 PLCS.



TERMINAL WIRING



FOUR WIRE CONFIGURATION
USING ISOLATED (POTENTIAL FREE) SWITCH CONTACTS

USER
KEYPAD

MODEL Lx	DIM "L"	
	in.	[mm]
L1	4	[102]
L2	6	[153]
L3	10	[254]

**AGENCY CRITICAL COMPONENT,
NO SUBSTITUTIONS ALLOWED
WITHOUT UEC ENGINEERING APPROVAL.**

SYM	DESCRIPTION	DATE	DWN	APPD
E	ADDED "150 mA MINIMUM LOAD REQUIRED" TO SWITCH SPEC. ECN# E4360	2/21/12	MJF	DW
D	REVISED TITLE BLOCK INFO. ECN#E2723	6-2-08	SR	LK
C	ADDED OPERATING TEMPERATURE NOTE. ECN#E1165	3/21/05	PLW	D.W.
B	TERMINAL WIRING WAS IN CHART FORM. APPROVALS, T4A WAS T5. ECN# E0878	7/29/04	PLW	D.W.
A	FIRST ISSUE. ECN# E0809	5/27/04	PLW	D.W.
REVISIONS				

ORIGINAL DATE 5/27/04

DRWN PLW

CHKD A.B.

APPD D.W.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

DO NOT SCALE THIS DRAWING

TITLE

ONE SERIES
4W3A01TLx
LOCAL
TEMPERATURE
SINGLE SWITCH

SCALE .5:1



UNITED ELECTRIC
CONTROLS COMPANY
WATERTOWN * MASSACHUSETTS

DWG NO

A-13818

DF001D