

CHARACTERISTICS

ELECTRICAL:

RATINGS: SEA LEVEL		
LOAD	28VDC	115VAC
RESISTIVE	10 AMPS	10 AMPS
INDUCTIVE	5 AMPS	5 AMPS
LAMP	3 AMPS	3 AMPS

ELECTRICAL LIFE: 100,000 CYCLES AT FULL LOAD.

MECHANICAL:

TOTAL TRAVEL: .085±.015
OVERTRAVEL: .012 MIN.
OPERATING FORCE: 4±1 LBS.
RESET FORCE: 1.0 LBS. MIN.
MECHANICAL LIFE: 1,000,000 CYCLES

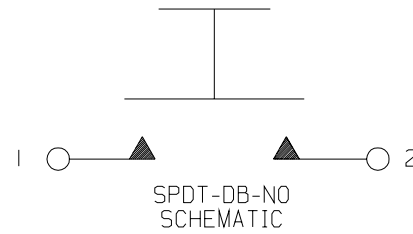
PHYSICAL:

ENCLOSURE DESIGN: WATERTIGHT PER IP68S, 1 METER
BUTTON: BLACK NYLON
CASE: BLACK ANODIZED ALUMINUM ALLOY

MARK: OTTO,21649,
P3-90033,
DATE CODE(YYWW) & TERM IDENT.

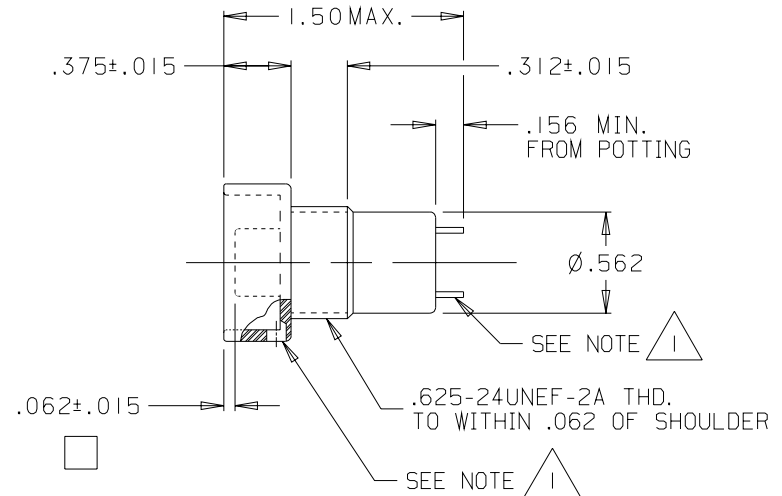
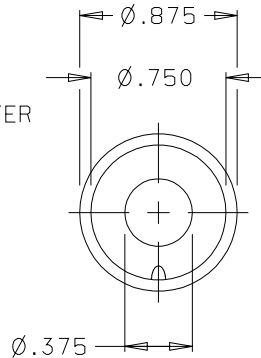
MOUNTING HARDWARE INCLUDES:
HEX NUT, LOCKWASHER,
AND PANEL SEAL GASKET.

△ DRAIN HOLE TO BE PARALLEL TO TERMINALS WITHIN ±5°



P3-90033

LET	OCN #	DATE	APR
B	894108	27 NOV 89	WN
C	973002	30 JUL 97	RE
D	974314	23 OCT 97	RG
E	974546	02 DEC 97	RG
F	974912	16 DEC 97	RG



□ MINOR ⊠ MAJOR ■ CRITICAL ▲ SPC CRITICAL

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE AS LISTED.
MUST BE FREE FROM BURRS
AND SHARP EDGES.

TOLERANCES
.XX ±.03
.XXX ±.010
ANGLES ±2°
DO NOT SCALE DRAWING.
THIRD ANGLE PROJECTION

OTTO CONTROLS
DIVISION OF
OTTO ENGINEERING INC.
CARPENTERSVILLE, ILLINOIS USA

PART NAME
PUSHBUTTON SWITCH
SHROUDED .38 BUTTON

DRWN. SH	SIZE	FSCM NO	DRAWING NO.	REV.
CHKD. WN	A	21649	P3-90033	F
APPD. LH				
DATE 27 NOV 89	WT.		SCALE 1:1	SHEET 1 OF 1