

CHARACTERISTICS

ELECTRICAL:

CIRCUIT: SINGLE POLE, 4 THROW, CENTER OFF
 MOMENTARY CONTACT (SELF RETURN TO CENTER OFF.)
 RATING: 1 AMP INDUCTIVE AT 28 VDC FOR 100,000 CYCLES
 OVERLOAD: 2 AMP INDUCTIVE AT 28 VDC FOR 100 CYCLES
 DWV: 1050 VRMS

MECHANICAL:

SWITCH ACTION SHALL BE SMOOTH, NO SNAP ACTION.
 LEVER TRAVEL: 15° MAX. FROM CENTER OFF.
 ACTUATING FORCE: 16 OZ.± 6 OZ.
 LEVER PIVOT & STOP STRENGTH: SWITCH MUST BE
 CAPABLE OF WITHSTANDING A FORCE OF 25 LBS (B)
 APPLIED TO THE ACTUATING BUTTON. THE BUTTON
 SHALL ALSO WITHSTAND A 15 LB MINIMUM PULL FORCE.

PHYSICAL:

BUTTON: BLACK NYLON
 HOUSING: BLACK ANODIZED ALUMINUM ALLOY
 SWITCH BODY: BLACK RYTON
 ENCLOSURE: DUSTTIGHT AND MEETS ENVIRONMENTAL
 TESTING OF MIL-S-9419

MOUNTING HARDWARE:
 MS250B2-B16 HEX NUT
 INTERNAL TOOTH LOCKWASHER

MARK: OTTO 21649
 T4-0122
 & DATE CODE

(3) .050 WIDE STEPS,
 EACH .020 DEEP TO
 Ø.400 AT CENTER

.220 TYP.

Ø.700

Ø.750

ACTUATION 10°
 MAX. TYP.

R .047

.050

.200

.040

.34

.575

.6875-27NS-2A TO WITHIN
 .050 OF SHOULDER

Ø.070 HOLE TYP.

.06 MIN. TYP.

.115 X .030 THK.
 TYP.

.658
 FLAT

1

2

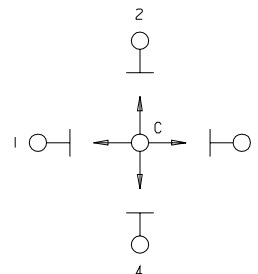
3

4

C (COMM TERM)

.120 X .020 THK.

45°



1 SCHEMATIC

T4-0122

LET	OCN	DATE	APR
A	962027	04 JUN 96	DR
B	964243	05 NOV 96	DR

NOTE:

1 CONTACT MADE IN OPPOSITE
 DIRECTION OF LEVEL TRAVEL.

2. BUTTON ORIENTATION SHALL BE WITHIN ±5°
 OF THE HOUSING FLAT AS SHOWN.

- ☐ MINOR
- ☒ MAJOR
- ☒ CRITICAL
- ☒ SPC CRITICAL

UNLESS OTHERWISE
 SPECIFIED:
 DIMENSIONS ARE
 IN INCHES.
 TOLERANCES:
 .XX ±.03
 .XXX ±.010
 ANGLES ±2°
 DO NOT SCALE

THIRD ANGLE
 PROJECTION

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

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PART NAME
 SWITCH, 4-WAY TOGGLE

DRWN. LH	SIZE	FSCM NO	DRAWING NO.	REV.
CHKD. EB	B	21649	T4-0122	B
APPD. MGC				
DATE 17 MAR 93	WT. 10 GRMS APPRX	SCALE 1:1	SHEET 1 OF 1	