

CHARACTERISTICS:

ELECTRICAL:

ELECTRICAL RATINGS:		
LOAD	28 VDC - SEA LEVEL	
	RATED	OVERLOAD
INDUCTIVE	.75A	1.75A

ELECTRICAL LIFE:

RATED LOAD: 50,000 MIN OPERATING CYCLES
OVERLOAD: 1,000 MIN OPERATING CYCLES

MECHANICAL:

MECHANICAL LIFE: 50,000 CYCLES
ACTUATING FORCE: 11.0 - 15.0 lbs.
FULL OVERTRAVEL FORCE: 25 lbs. MAX
RELEASE FORCE: .5 lbs. MIN
PRETRAVEL: .090 MIN.
DIFFERENTIAL TRAVEL: .050 MIN.
OVERTRAVEL: .050 MIN.
TOTAL TRAVEL: .165 MIN.

PHYSICAL:

TEMPERATURE RANGE: -40°C TO +85°C
ENCLOSURE DESIGN:
WATERTIGHT PER IP68S
WEIGHT: .25 lbs. MAX.

TERMINAL HARDWARE:

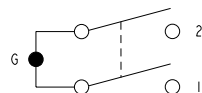
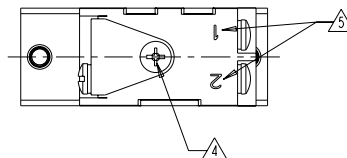
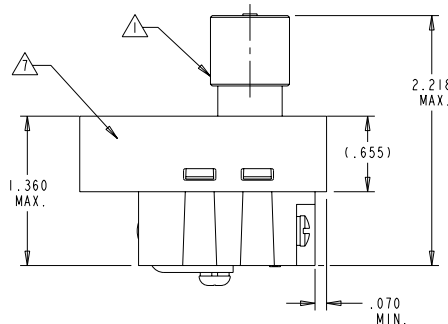
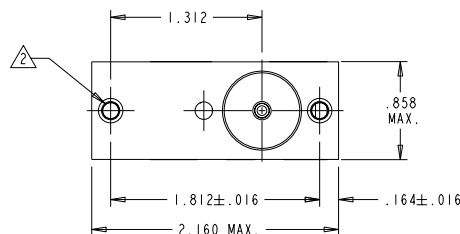
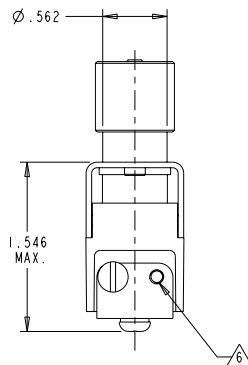
BUSS BRACKET, TERMINAL SCREWS
AND LOCKWASHERS- SEE NOTES

MARKING:

OTTO 21649
FT55-A01
& DATE CODE

NOTES:

- 1 INTERNAL WIPING SEAL ON BARREL BUSHING
- 2 2 X #6-40 UNF-2B SELF LOCKING NUTS
- 3 3 X #5-40 UNC-2A .250 LONG BINDING HEAD SCREWS AND LOCKWASHERS (OPTIONAL TERMINAL "G": ONE ADDITIONAL OF EACH)
- 4 TERMINAL G #6-32 UNC-2A .250 LONG ROUND HEAD SCREW AND LOCKWASHER
- 5 TERMINAL MARKING
- 6 OPTIONAL TERMINAL "G"
- 7 MARKING LOCATION



SCHEMATIC



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

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

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DESCRIPTION

FT, SWITCH,
FOOT ACTUATED

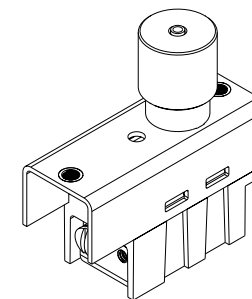
DRWN. KK	SIZE	FSCM NO	DRAWING NO.	REV.
CHKD. DK	B	21649	FT55-A01	A
APPD. SM				
WT.				

THIRD ANGLE PROJECTION

Scale 1:1 Sheet 1 OF 1

FT55-A01

REV	OCN #	DATE	APR
A	028492	12 AUG 05	KK



SCALE 1:1

