

MICRO SWITCH

FREEPORT ILLINOIS, U.S.A
A DIVISION OF HONEYWELL
FED. MFG. CODE 91929

SWITCH - BASIC

IXE83

IXE83
PAGE 1 OF 1

M

DRAWING
NUMBER

X

X

ISSUE

4

X

REVISIONS

A	C052067
	CJH
	21 SEP 82
B	57328-A
	WJM
	15 APR 85
C	C094282
	DLM
	3 MAR 99

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FORMTEK

FO-5284B-A

DRAWN

REPLACES

RELEASE NO. PR-7881

CHECK

CHECK

14 MAY 79

WJM

ELASTOMER PLUNGER SEAL

.050 MAX
PRETRAVEL

.425±.020
OPERATING
POSITION

.27 ELONGATED
MTG HOLE

COMMON

.316±.010

CORROSION RESISTANT TREATED METAL ENCLOSURE

CORROSION RESISTANT STEEL PLUNGER

.060 DIA

.188±.020

.33

.091 MAX DIA
MTG HOLE

NORMALLY CLOSED

NORMALLY OPEN

.188

.214±.010

.616±.010

"A" 2

.070 SPHERICAL
RADIUS

12.000 +2.000
-0.000

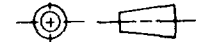
(3) NO. 22 (WHITE) WIRE LEAD PER
MIL-W-22759/9 EMBEDDED
IN EPOXY CASTING RESIN

NOTE-

- 1 MOUNTING HOLES WILL ACCEPT .087 MAX DIA PINS
OR SCREWS ON .188±.002 CENTERS
- 2 ACTUATION IN LINE WITH ARROW "A" IS RECOMMENDED
- 3 WEIGHT OF SWITCH ONLY IS .16 OZ MAX. WEIGHT OF SWITCH
WITH WIRE LEADS IS .55 OZ MAX

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THIRD ANGLE PROJECTION



CHARACTERISTICS

OPERATING FORCE ----- 5-17 OZ

RELEASE FORCE ----- 4 OZ MIN

RELEASE TRAVEL ----- .004 MIN

DIFFERENTIAL TRAVEL ----- .005 MAX

OVERTRAVEL ----- .004 MIN

ELECTRICAL DATA

CONTACT ARRANGEMENT
S P D T

28 VOLTS DC RATING

INDUCTIVE ----- SEA LEVEL ----- 4 AMP

50,000 FT ----- 2.5 AMP

RESISTIVE ----- SEA LEVEL ----- 7 AMP

50,000 FT ----- 7 AMP

LAMP ----- SEA LEVEL ----- 1 AMP

MOTOR ----- SEA LEVEL ----- 2.5 AMP

115 V 400 CYCLES ----- SEA LEVEL

RESISTIVE ----- 7 AMP

INDUCTIVE ----- 4 AMP

LAMP ----- 1 AMP

MOTOR ----- 1.5 AMP

SCALE 2 TO 1

DO NOT SCALE PRINT

TOLERANCES

APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR
REFERENCE. UNLESS NOTED, TOLERANCES ARE:

	DIM. mm	TOL. mm/in	DIM. in	TOL. mm/in
NO PLACES	X	1/64	X	0.015
ONE PLACE	X,X	0.4/016	X,X	0.38/0
TWO PLACES	X,X,X	0.15/006	X,X,X	0.13/005
THREE PLACES	X,X,X,X		X,X,X,X	
ANGLES				

SI METRIC

US CUSTOMARY

DESIGN UNITS

WEIGHT 3

Mouser Electronics

Authorized Distributor

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