

# MICRO SWITCH

A DIVISION OF MINNEAPOLIS HONEYWELL REGULATOR COMPANY

FREEPORT, ILLINOIS

FED. MFG. CODE 91929

## SWITCH-UNIT

CATALOG LISTING  
2D SERIES CHART 5

THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH, A DIVISION OF MINNEAPOLIS-HONEYWELL REGULATOR CO. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH.

2D SERIES  
CHART 5

M

DRAWING  
NUMBER

86

X3

ISSUE

8

REPLACES

SR 11017

RELEASE NO.

CHECK

14, SEPT 63

14, SEPT 63

14, SEPT 63

14, SEPT 63

14, SEPT 63

14, SEPT 63

14, SEPT 63

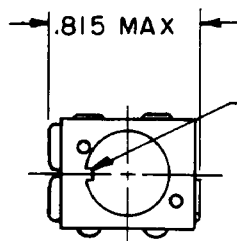
14, SEPT 63

14, SEPT 63

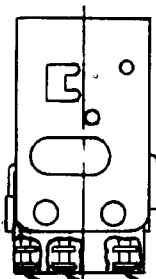
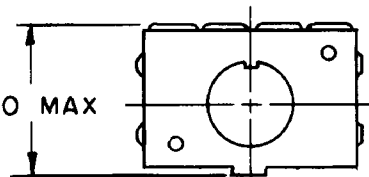
14, SEPT 63

14, SEPT 63

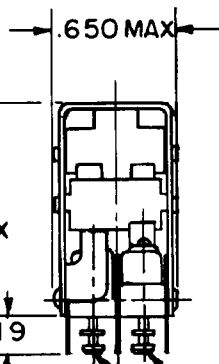
14, SEPT 63



KEYING TAB FOR ORIENTATION  
OF SWITCH UNITS WITH OPERATOR  
INDICATOR UNITS



1.290 MAX

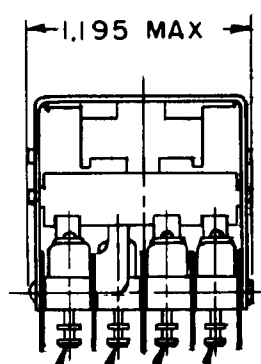


.19

COMMON  
NORMALLY OPEN  
NORMALLY CLOSED

3

ALTERNATE  
ACTION  
MOMENTARY



1.195 MAX

SWITCH NO. 4  
SWITCH NO. 3  
SWITCH NO. 2  
SWITCH NO. 1

5

### NOTE -

- 1 - TERMINALS ARE PLATED FOR SOLDERING
- 2 - SWITCHES DO NOT NECESSARILY OPERATE SIMULTANEOUSLY
- 3 - MOMENTARY SWITCH TERMINALS SHOWN  
ALTERNATE ACTION SWITCH COMMON AND NORMALLY CLOSED  
TERMINALS ARE REVERSED
- 4 - MOMENTARY BASIC IS 11SM TYPE ALTERNATE ACTION BASIC IS "31ISM" TYPE (C)
- 5 - SWITCHES NO. 1, 3 AND 4 ARE ALTERNATE ACTION. SWITCH NO. 2  
IS MOMENTARY

D = DUMMY  
G = GOLD  
S = SILVER

| CATALOG LISTING | BASIC SWITCH CONTACT MATERIAL |   |   |   | RELEASE STATUS |
|-----------------|-------------------------------|---|---|---|----------------|
|                 | 1                             | 2 | 3 | 4 |                |
| 2D162           | S                             | S | S | S | SR 11017       |
| 2D161           | S                             | S |   |   | SR 11017       |
|                 |                               |   |   |   |                |
|                 |                               |   |   |   |                |
|                 |                               |   |   |   |                |
|                 |                               |   |   |   |                |
|                 |                               |   |   |   |                |
|                 |                               |   |   |   |                |

(A)

(D)

### SCALE

DO NOT SCALE PRINT

UNLESS OTHERWISE  
SPECIFIED  
DIMENSIONS ARE IN INCHES

### TOLERANCES ARE:

ONE PLACE (0) ± .030  
TWO PLACE (.00) ± .015  
THREE PLACE (.000) ± .005  
ANGLES ± .005

WEIGHT