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This PDF catalog information was published in November 2000.



Sensing and Control  
**Interactive  
Catalog...**

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the Interactive Catalog.**

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### Sensing and Control

Honeywell Inc.

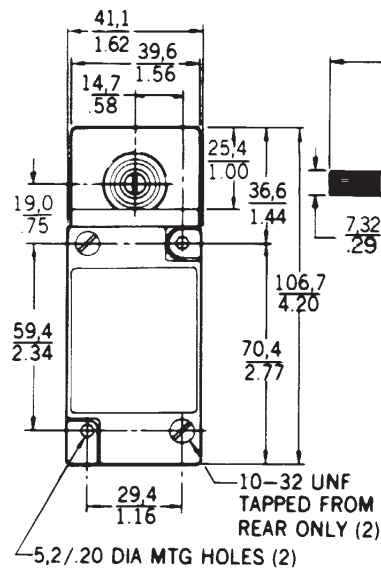
11 West Spring Street

Freeport, IL 61032

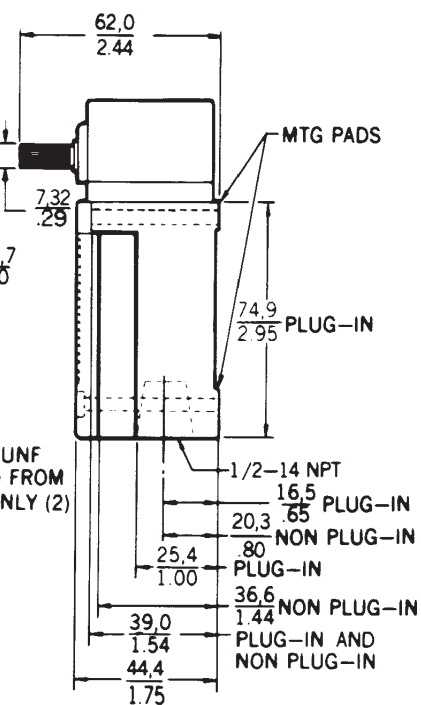
[www.honeywell.com/sensing](http://www.honeywell.com/sensing)

## HDLS Series

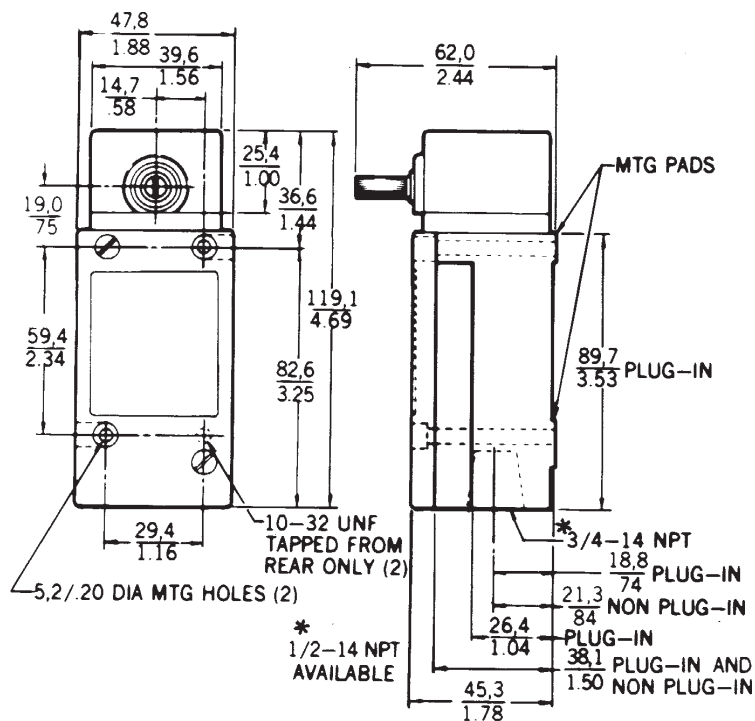
## SIDE ROTARY



### Single-pole



### Double-pole



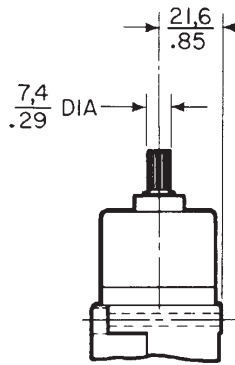
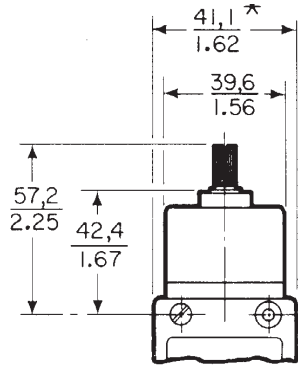
**Limit/Enclosed**

# Limit and Enclosed Switches

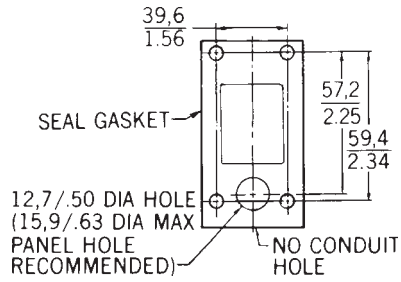
HDLS Series

## Mounting Dimensions (For reference only)

### TOP ROTARY Single-pole



### MANIFOLD MOUNT (Plug-in only) Single-pole and double-pole



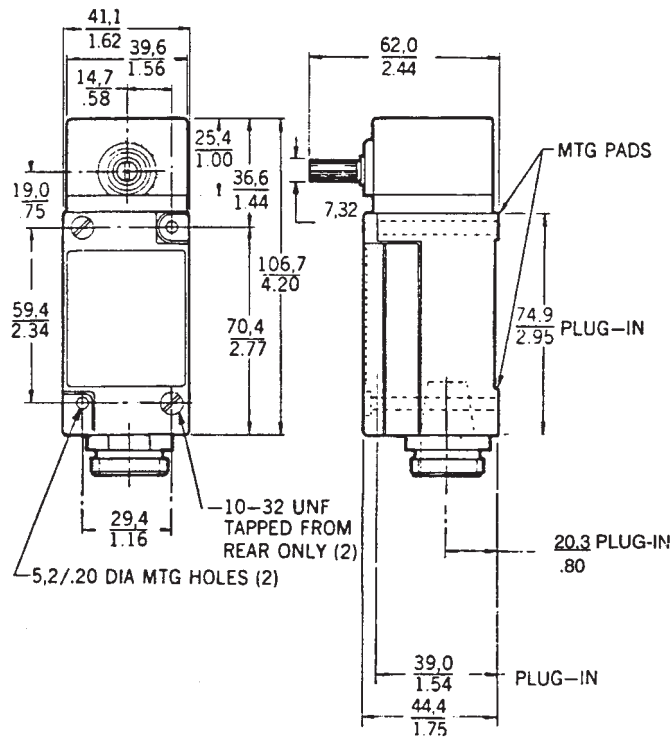
\* 47.5  
1.87

Single-Pole

Double-Pole Dimension

### NEMA 6P PRE-WIRED SIDE ROTARY

Single-pole

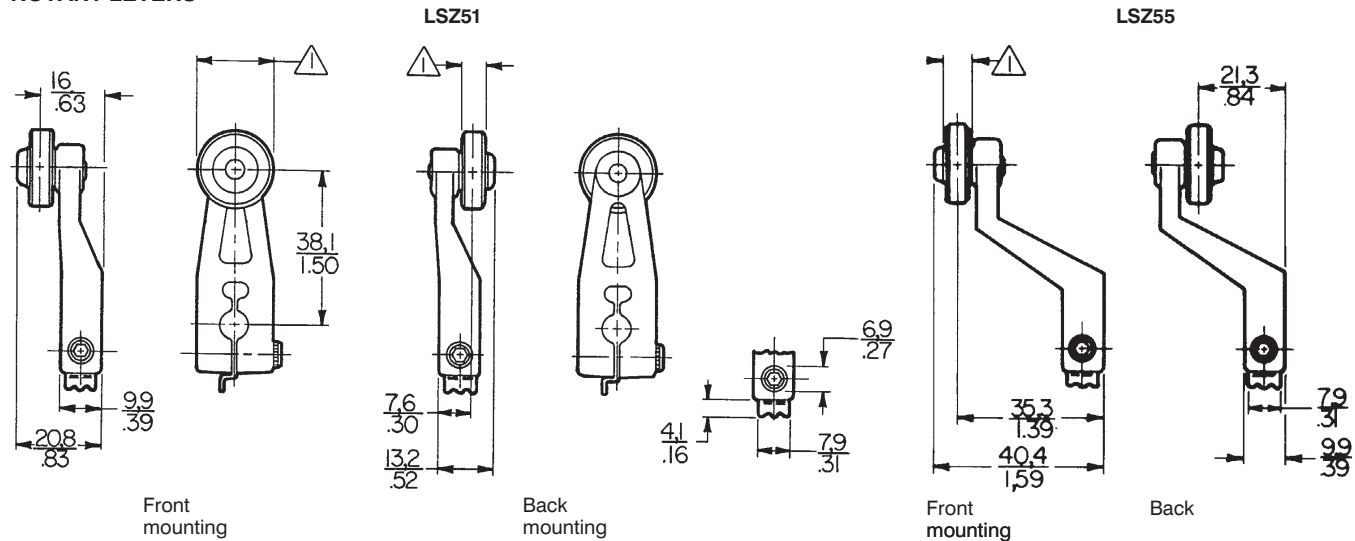


# Limit and Enclosed Switches

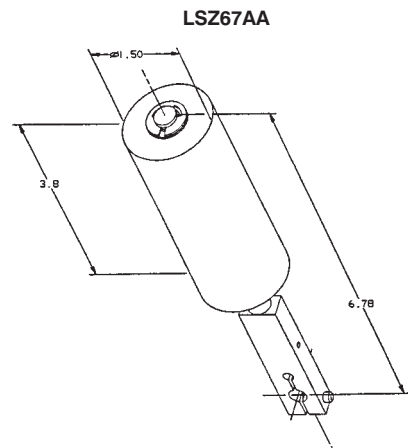
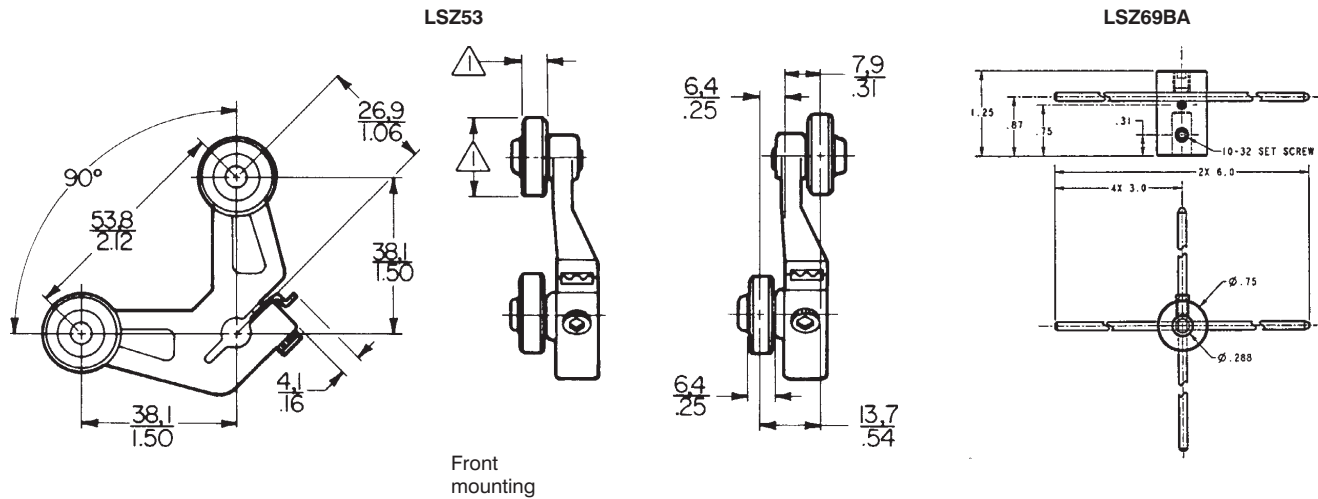
HDLS Series

## Mounting Dimensions (For reference only)

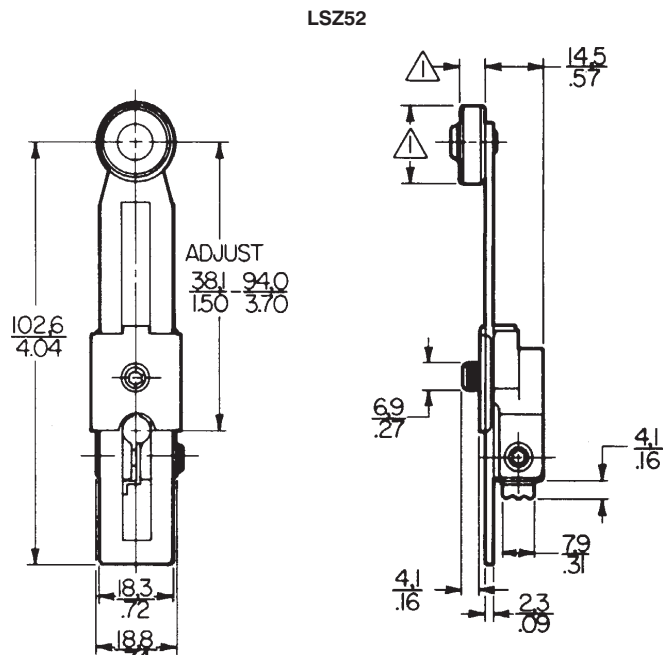
### ROTARY LEVERS



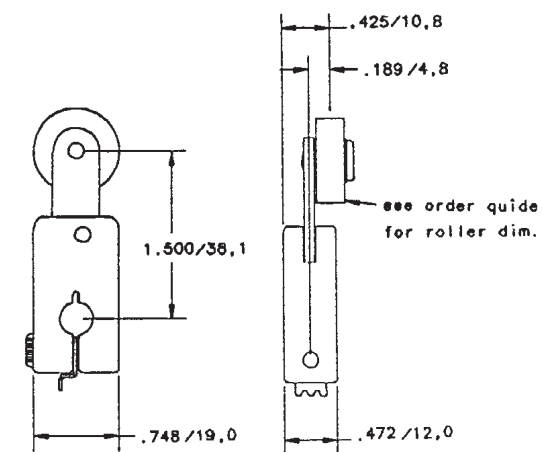
Limit/Enclosed



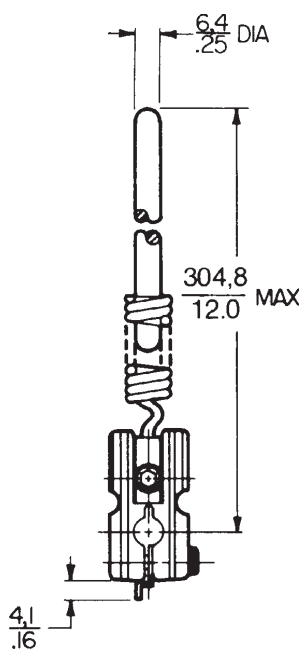
See order guides for roller dimensions.



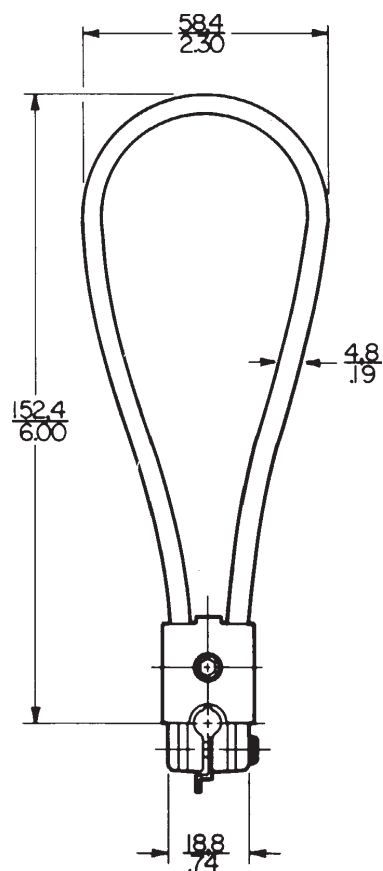
## ROTARY LEVERS



LSZ68



LSZ61



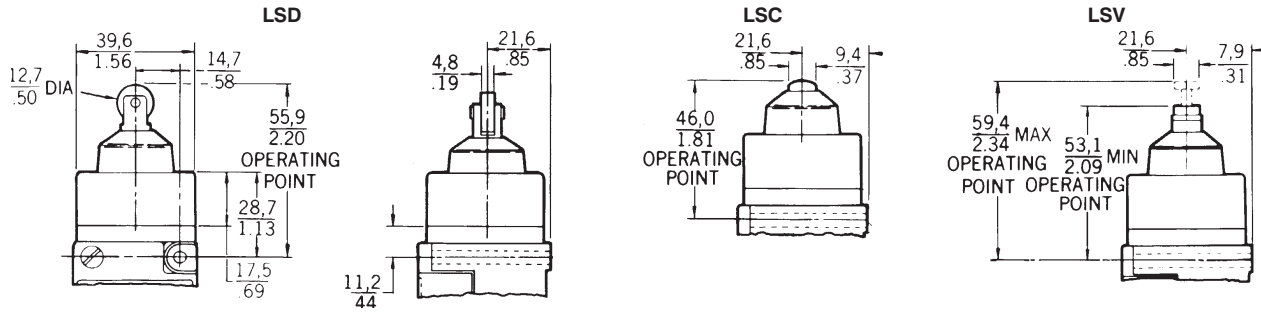
# Limit and Enclosed Switches

HDLS Series

## Mounting Dimensions (For reference only)

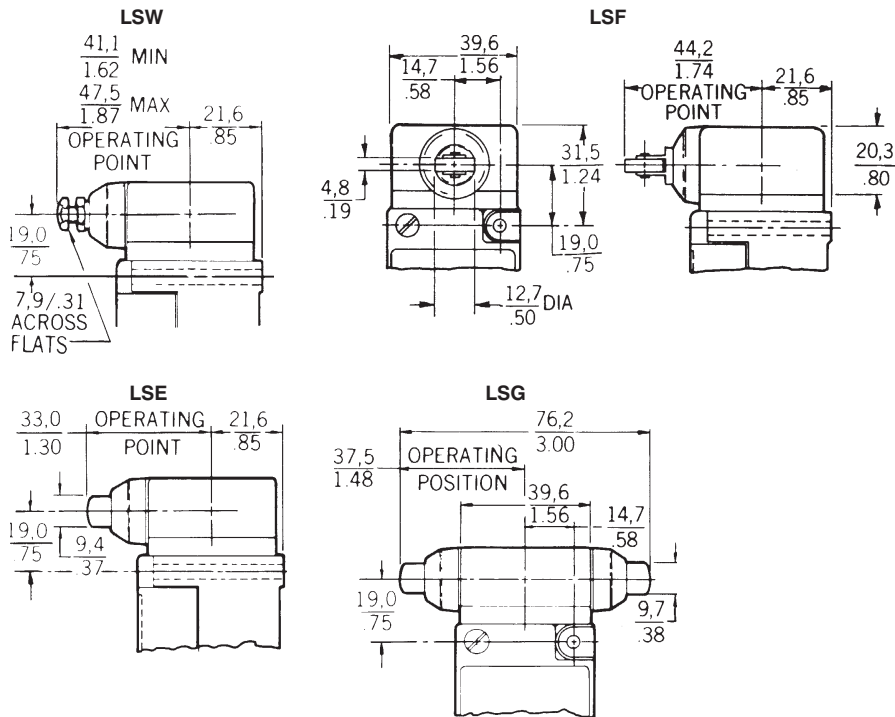
### TOP PLUNGERS

Single-pole and double-pole



### SIDE PLUNGERS

Single-pole and double-pole



Key: 0.0 = mm  
0.00 = inches

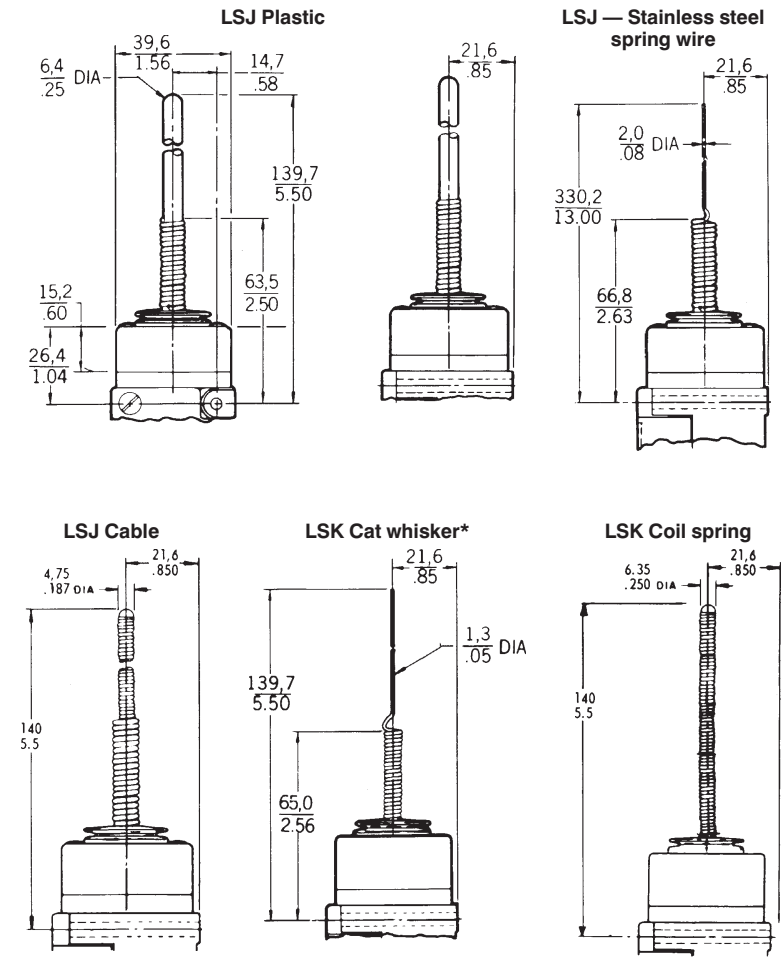
Limit/Enclosed

Limit and Enclosed Switches

Mounting Dimensions (For reference only)

HDLS Series

WOBBLE LEVERS



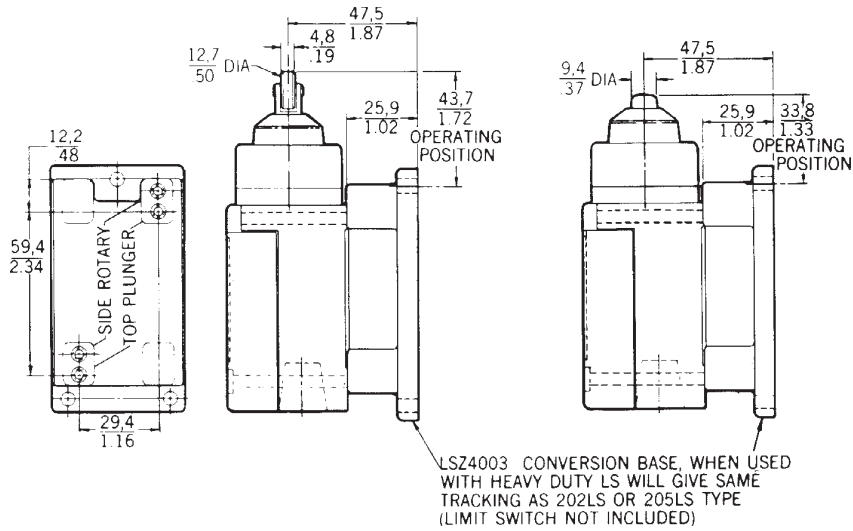
\* Also available with 7½" actuator.

Key: 0,0 = mm  
0.00 = inches

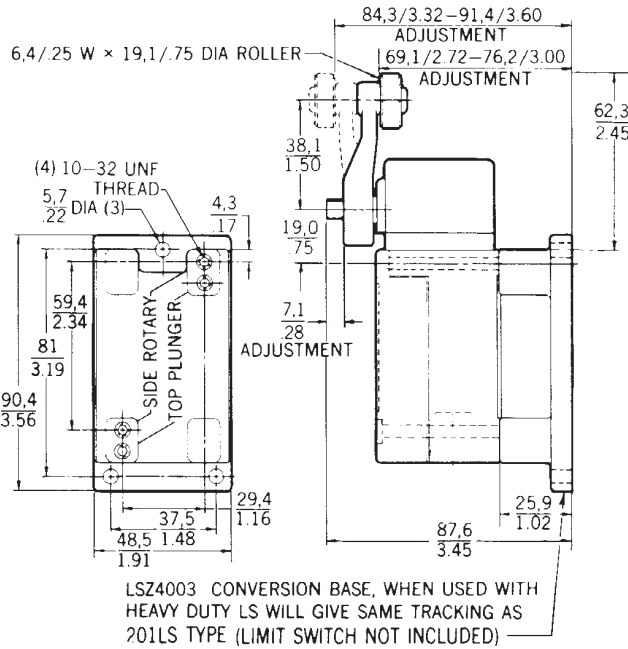
## Mounting Dimensions (For reference only)

### CONVERSION BASES

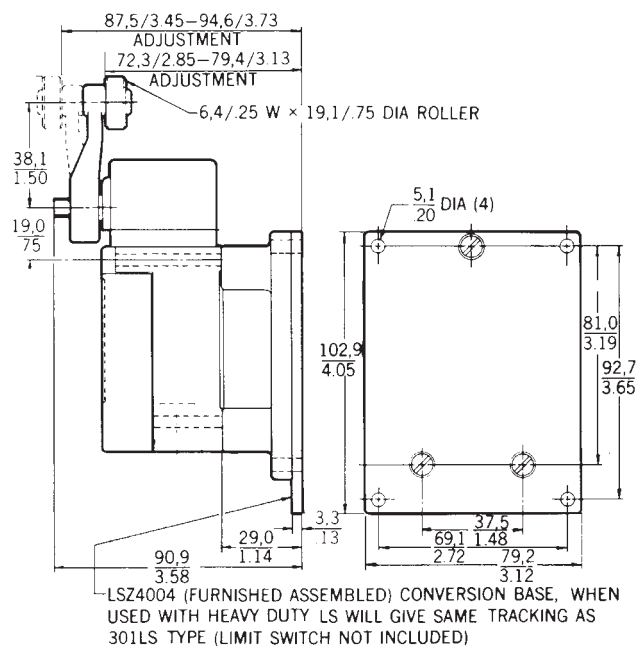
#### SINGLE-POLE TOP PLUNGER LSZ4003



#### SINGLE-POLE SIDE ROTARY LSZ4003



#### DOUBLE-POLE SIDE ROTARY LSZ4004



Limit/Enclosed



Limit and Enclosed Switches

HDLS Series

LS/200LS Cross-Reference

The following cross-reference between compact LS/plug-in 200LS switches and HDLS switches applies to style, but not necessarily operating characteristics. When replacing LS/200LS with HDLS switches, the new characteristics should be considered.

The HDLS requires an adapter plate to interchange with 200LS (see page A41).

NON PLUG-IN

| LS       | HDLS      | (Consisting Of)   |
|----------|-----------|-------------------|
| 1LS1     | LSA3K-1D  | (LSA3K + LSZ51D)  |
| 1LS1-L   | LSA3K-1D  | (LSA3K + LSZ51D)  |
| 1LS1-N   | LSA3K-1C  | (LSA3K1 + LSZ51C) |
| 1LS1-NA  | LSA3K1-1C | (LSA3K1 + LSZ51C) |
| 1LS2     | LSA3K     | —                 |
| 1LS3     | LSA3K-2C  | (LSA3K + LSZ52C)  |
| 1LS3-L   | LSA3K-2C  | (LSA3K + LSZ52C)  |
| 1LS5     | LSR3K-1C  | (LSR3K + LSZ51C)  |
| 1LS6     | LSR3K-1D  | (LSR3K + LSZ51D)  |
| 1LS9     | LSP3K     | —                 |
| 1LS10    | LSR3K-4M  | (LSR3K + LSZ54M)  |
| 1LS10-L  | LSR3K-4M  | (LSR3K + LSZ54M)  |
| 1LS19    | LSR3K-1D  | (LSP3K + LSZ51D)  |
| 1LS23    | LSR3K     | —                 |
| 1LS27    | LSP3K5    | —                 |
| 1LS34    | LSR3K-1C  | (LSR3K + LSZ51C)  |
| 1LS47    | LSH3K-4M  | (LSH3K + LSZ54M)  |
| 1LS58    | LSP3K-2C  | (LSP3K + LSZ52C)  |
| 1LS59    | LSH3K-2C  | (LSH3K + LSZ52C)  |
| 1LS128   | LSA3K-2K  | (LSA3K + LSZ52K)  |
| 1LS131   | LSH3K-1D  | (LSH3K + LSZ51D)  |
| 1LS139   | LSR3K-4M  | (LSR3K + LSZ54M)  |
| 1LS145   | LSH3K-2M  | (LSH3K + LSZ52M)  |
| 1LS156   | LSA3K-1C  | (LSA3K + LSZ51C)  |
| 1LS165-L | LSA3K4-2C | (LSA3K4 + LSZ52C) |
| 1LS212   | LSH3K     | —                 |
| 1LS213   | LSH3K     | —                 |
| 2LS1     | LSC3K     | —                 |
| 2LS1-L   | LSC3K     | —                 |
| 2LS7     | LSC3K     | —                 |

| LS      | HDLS     | (Consisting Of)  |
|---------|----------|------------------|
| 3LS1    | LSF3K    | —                |
| 3LS1-L  | LSF3K    | —                |
| 3LS5    | LSF3K4   | —                |
| 4LS1    | LSE3K    | —                |
| 4LS1-L  | LSE3K    | —                |
| 5LS1    | LSD3K    | —                |
| 5LS1-L  | LSD3K    | —                |
| 5LS6    | LSD3K6   | —                |
| 5LS6-L  | LSD3K6   | —                |
| 5LS7    | LSD3K6   | —                |
| 5LS8    | LSD3K    | —                |
| 6LS1    | LSN3K-3B | (LSN3K + LSZ53B) |
| 6LS1-L  | —        | —                |
| 6LS2    | LSN3K    | —                |
| 6LS2-L  | LSN3K    | —                |
| 6LS3    | LSN3K-3S | (LSN3K + LSZ53S) |
| 8LS1    | LSJ3K-7N | —                |
| 8LS1-L  | LSJ3K-7N | —                |
| 8LS4    | LSK3K-8B | —                |
| 8LS125  | LSK3K-8B | —                |
| 11LS1   | LSA7L-1D | (LSA7L + LSZ51D) |
| 11LS2   | LSA7L    | —                |
| 11LS3   | LSA7L-2C | (LSA7L + LSZ52C) |
| 11LS10  | LSR7L-4M | (LSR7L + LSZ54M) |
| 11LS156 | LSA7L-1D | (LSA7L + LSZ51D) |
| 12LS1   | LSC7L    | —                |
| 13LS1   | LSF7L    | —                |
| 14LS1   | LSE7L    | —                |
| 14LS3   | LSE7L5   | —                |
| 15LS1   | LSD7L    | —                |
| 15LS8   | LSD7L    | —                |

PLUG-IN

| 200LS*      | HDLS      | (Consisting Of)   |
|-------------|-----------|-------------------|
| 201LS1      | LSA1A-1D  | (LSA1A + LSZ51D)  |
| 201LS1-N    | LSA1A1-1C | (LSA1A1 + LSZ51C) |
| 201LS2      | LSA1A     | —                 |
| 201LS3      | LSA1A-2C  | (LSA1A + LSZ52C)  |
| 201LS6      | LSR1A-1D  | (LSR1A + LSZ51D)  |
| 201LS9      | LSP1A     | —                 |
| 201LS10     | LSR1A-4M  | (LSR1A + LSZ54M)  |
| 201LS19     | LSP1A-1D  | (LSP1A + LSZ51D)  |
| 201LS23     | LSR1A     | —                 |
| 201LS47     | LSH1A-4M  | (LSH1A + LSZ54M)  |
| 201LS143    | LSA1A-2D  | (LSA1A + LSZ52D)  |
| 201LS501    | LSA5A-1D  | (LSA5A + LSZ51D)  |
| 201LS501-A1 | LSA8A-1D  | (LSA8A + LSZ51D)  |
| 201LS502    | LSA5A     | —                 |
| 201LS503    | LSA5A-2C  | (LSA5A + LSZ52C)  |
| 201LS503-A1 | LSA8A-2C  | (LSA8A + LSZ52C)  |
| 201LS510    | LSR5A-4M  | (LSR5A + LSZ54M)  |
| 202LS1      | LSC1A     | —                 |
| 202LS7      | LSC1A     | —                 |
| 202LS8      | —         | —                 |

| 200LS/300LS* | HDLS     | (Consisting Of)  |
|--------------|----------|------------------|
| 203LS1       | LSF1A    | —                |
| 203LS501     | LSF5A    | —                |
| 204LS1       | LSE1A    | —                |
| 204LS501     | LSE5A    | —                |
| 205LS1       | LSD1A    | —                |
| 205LS7       | LSD1A3   | —                |
| 205LS8       | LSD1A    | —                |
| 205LS501     | LSD5A    | —                |
| 206LS1       | LSN1A-3B | (LSN1A + LSZ53B) |
| 206LS2       | LSN1A    | —                |
| 208LS1       | LSJ1A-7N | —                |
| 208LS125     | LSK1A-8B | —                |
| 208LS501     | LSJ5A-7N | —                |
| 208LS525     | LSK5A-8B | —                |
| 301LS1       | LSM2D-1D | (LSM2D + LSZ51D) |
| 301LS2       | LSM2D    | —                |
| 301LS3       | LSM2D-2C | (LSM2D + LSZ52C) |
| 301LS5       | LSM2D-4N | (LSM2D + LSZ54N) |
| 301LS8       | LSA2B-1D | (LSA2B + LSZ51D) |
| 301LS28      | LSA2B    | —                |

\* Require terminal block (18PA1 for 200 series, 18PA3 for 300 series), which must be ordered separately.