Honeywell

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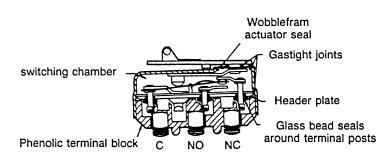
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Sensing and Control

Honeywell Inc. 11 West Spring Street Freeport, Illinois 61032



ELECTRICAL RATINGS

| Circuitry | Electrical Rating Codes | | | | | | |
|-----------------------------|---|--|--|--|--|--|--|
| Single-Pole Double-Throw | M 25 amps res., 10 amps ind., 5 amps motor, 3 amps lamp load, 28 vdc;1 amp res., 1 amp ind., 115 vac, 60 HzUL-CSA Rating: 1 amp., 115 vac, 60 Hz. | | | | | | |
| | N 15 amps res., 10 amps ind., 28 vdc; 1 amp res., 1 amp ind., 115 vac, 60 Hz | | | | | | |
| | O 20 amps res., 10 amps ind., 28 vdc; 1 amp res., 1 amp ind., 115 vac, 60 Hz UL-CSA Rating: 1 amp, 115 vac, 60 Hz | | | | | | |
| | P 10 amps res., 5 amps ind., 28 vdc; 1 amp res., 1 amp ind., 115 vac, 60 Hz UL-CSA Rating: 1 amp., 115 vac, 60 Hz. | | | | | | |

- High temperature construction for use
- to +300°F (149°C)
 Several styles of integral lever actuators
- Two styles of terminals
 Military standard construction with listings on the MIL-S-8805 qualified products list
- UL recognized File #E12252; CSA certified LR 4442



| (MS25011-1) | MIL-S-8805 (M8805/47) | M | 10-22 | 4 | .065 | .010 | .020 | .530 |
|-------------|--|-------------------|---------------------------|------------------|----------------------|----------------------|----------------------|----------------------|
| 101HS1 | Operating in temperature to +250°F (121°C) | 1 Amp O | 2,78-6,12 10-22 | 1,11 4 | 1,65 . 065 | 0,25 . 010 | 0,51 . 020 | 13,5 . 530 |
| 102HS1 | Operating in temperature to +300°F (149°C) | 1 Amp P | 2,78-8,34 10-30 | 1,11 4 | 1,65 . 065 | 0,25 . 010 | 0,51 . 020 | 13,5 . 530 |



| 4HS4-118 | Lead wire termination | 1 Amp N | 2,78-6,12 10-22 | 1,11 4 | 1,65 . 065 | 0,25 . 010 | 0,51 . 020 | 15,6 . 615=.020 |
|----------|-----------------------|-------------------|---------------------------|------------------|----------------------|----------------------|----------------------|---------------------------|

Dim. Dwg. Fig. 2

| | ì |
|------------------|---|
| | ł |
| See See | 7 |
| Dim. Dwg. Fig. 3 | |

| 1HS41 | Applications requiring | 1 Amp | 1,11-5,56 | 0,56 | | 1,57 | 2,54 | 13,54 |
|-------|------------------------|-------|-----------|------|---|-----------|------|--------------|
| | added overtravel | M | 4-20 | 2 | _ | .062 max. | .100 | .533 approx. |



| 1HS6 | MIL-S-8805 requirements | 1 Amp | 6,12-7,78 | 1,11 | 2,16 | 0,25 | 0,51 | 13,5 |
|-------------|-------------------------|-------|-----------|------|------|------|------|------|
| (MS25011-2) | More operating force | M | 22-28 | 4 | .085 | .010 | .020 | .530 |

Dim. Dwg. Fig. 4



| 1HS3 | Roller lever | 1 Amp | 2,78-6,12 | 1,11 | 1,65 | 0,25 | 0,51 | 18,3 |
|------|--------------|-------|-----------|------|------|------|------|------|
| | | M · | 10-22 | 4 | .065 | .010 | .020 | .720 |

Dim. Dwg. Fig. 5

Except where stated* ±0,38mm ±.015 in.

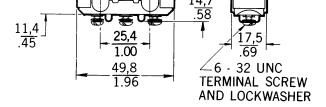


Fig. 1

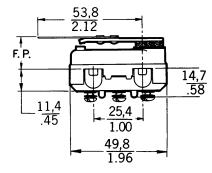


Fig. 3

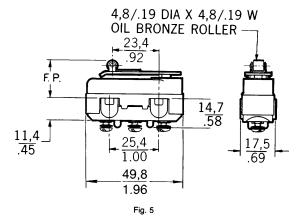
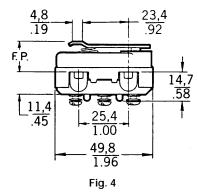


Fig. 5

ם ת 0 17,0 .67 25,4 1.00 _ EPOXY EMBEDMENT 49,8 1.96 -NO. 18 WIRE LEAD PER MIL-W-5086

Fig. 2



Mounting holes will accept pins or screws of .139" (3,53 mm) dia.

Key:
$$\frac{0.00 = mm}{0.00 = inches}$$

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