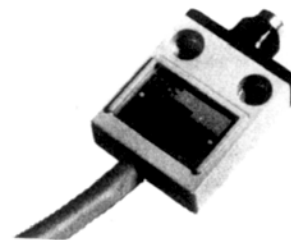


D4C

Enclosed Limit Switches

Features

- Sealed, compact, slim prewired limit switch
- Rugged diecast housing
- Meets IJL types 3, 4 and 13
- Triple-sealed construction
- Designed for easy gang mounting
- Rated load of 5 A, 250 VAC
- Prewired with 3 m (9.8 ft.) or 5 m (16.4 ft.) of cable
- UL recognized (File No. E76675)/CSA certified (File No. LR45746) approvals
- IEC-IP67: 300 volt rating



Electrical Specifications – Maximum Carrying Currents

| Rated voltage | Non-inductive load (A) | | | | Inductive load (A) | | | | Inrush current (A) | |
|---------------|------------------------|-----|-----------|------|--------------------|-----|------------|------|--------------------|---------|
| | Resistive load | | Lamp load | | Inductive load | | Motor load | | | |
| | NC | NO | NC | NO | NC | NO | NC | NO | NC | NO |
| 125 VAC | 5 | 5 | 1.5 | 0.7 | 3 | 3 | 2.5 | 1.3 | 20 max. | 10 max. |
| 250 VAC | 5 | 5 | 1 | 0.5 | 2 | 2 | 1.5 | 0.8 | 20 max. | 10 max. |
| 8 VDC | 5 | 5 | 2 | 2 | 5 | 4 | 3 | 3 | 20 max. | 10 max. |
| 14 VDC | 5 | 5 | 2 | 2 | 4 | 4 | 3 | 3 | 20 max. | 10 max. |
| 30 VDC | 4 | 4 | 2 | 2 | 3 | 3 | 3 | 3 | 20 max. | 10 max. |
| 125 VDC | 0.4 | 0.4 | 0.05 | 0.05 | 0.4 | 0.4 | 0.05 | 0.05 | 20 max. | 10 max. |
| 250 VDC | 0.2 | 0.2 | 0.03 | 0.03 | 0.2 | 0.2 | 0.03 | 0.03 | 20 max. | 10 max. |

Test conditions: 1. Inductive load ratings are based on a power factor of 0.4 min. (AC) and a time constant of 7 ms max. (DC).
 2. Lamp load has an inrush current of 10 times the steady-state current, while motor load has an inrush current of 6 times the steady-state current.

Operating Characteristics

| Part number | Description | OF | RF | OT | PT | MD | OP |
|-------------|----------------|-----------------------|----------------------|---------------------|----------------------|-----------------------|----------------------------------|
| D4C-01 | Pin plunger | 1.2 kg (42.32 oz.) | 450 g (15.87 oz.) | 3 mm (0.118 in.) | 1.8 mm (0.07 in.) | 0.2 mm (0.008 in.) | 15.7 ± 1 mm (0.62 ± 0.04 in.) |
| D4C-02 | Roller plunger | 1.2 kg (42.32 oz.) | 450 g (15.87 oz.) | 3 mm (0.118 in.) | 1.8 mm (0.07 in.) | 0.2 mm (0.008 in.) | 28.5 ± 1 mm (1.12 ± 0.04 in.) |
| D4C-20 | Roller lever | 580 g (20.46 oz.) | 150 g (5.29 oz.) | 40° | 25° | 3° | — |

Legend: OF = Operating Force (max.); RF = Reset Force (min.); OT = Overtravel (min.); PT = Pretravel;
 MD = Movement Differential (max.); OP = Operating Position

D4C-
 Cable
 D4C-16=3 m (9.8 ft.)
 17=5 m (16.4 ft.)

Dimensions [Unit: mm (inch)]

| Part number | Actuator | L | W | D |
|-------------|----------------|--------------|--------------|---------------|
| D4C-1601 | Pin plunger | 40.13 (1.58) | 17.53 (0.69) | 54.10 (2.13) |
| D4C-1602 | Roller plunger | 40.13 (1.58) | 17.53 (0.69) | 67.06 (2.64) |
| D4C-1620 | Roller lever | 40.13 (1.58) | 50.04 (1.97) | 102.62 (4.04) |