

# SUB-MINIATURE 10.1 AMP DOUBLE-BREAK SNAP ACTION SWITCHES

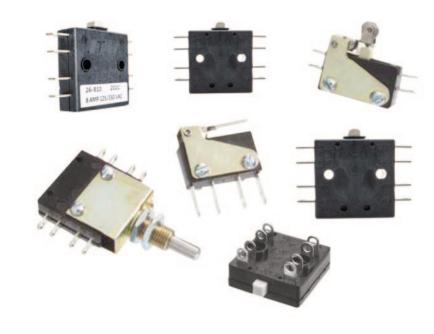
Series 26 switches are sub-miniature 8-amp double pole snap action switches that can control up to 4 isolated circuits. The unique design has a DPDT-DB (Form ZZ) contact arrangement. It can also be wired externally to provide two commons to form standard DPDT (Form CC) circuitry.

#### **APPLICATIONS:**

- Aircraft Rotary and Valve Actuators
- Air and Fuel Valve Actuators
- Aircraft Contactors
- · Circuit Breakers
- HVAC Controls
- Industrial Machinery
- Medical Equipment

# **KEY FEATURES:**

- Gold or silver contacts
- Meets MIL-PRF-8805/77
- End or side terminals available



- UL recognized and CSA certified: 8 amps @ 125/250 VAC
- Roller lever, lever, short roller lever and bushing mount actuator are available

#### **ORDERING INFORMATION:**

| Part Number | Simultaneity      | Contacts      | Terminals       | <b>RoHS Compliant</b> |
|-------------|-------------------|---------------|-----------------|-----------------------|
| 26-804      | Simultaneous*     | Silver**      | End Solder      | ✓                     |
| 26-810      | Simultaneous*     | Enhanced Gold | End Termination | <del>-</del>          |
| 26-888051   | Ref. M8805/77-001 | Gold Plated   | End Solder      | _                     |
| 26-904      | Simultaneous*     | Silver**      | Side Solder     | ✓                     |
| 26-988051   | Ref. M8805/77-002 | Gold Plated   | Side Solder     |                       |

<sup>\*</sup> Within .004" of plunger travel.

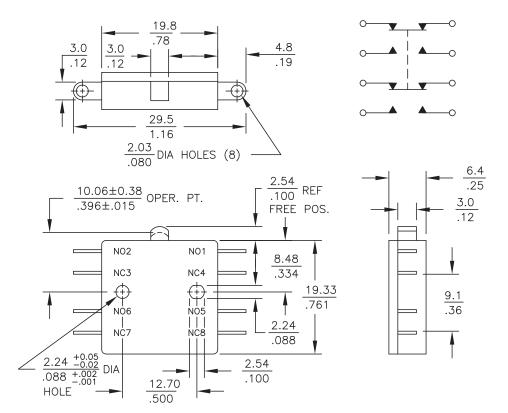
<sup>\*\*</sup> For electrical loads under 250 mA, consult factory.

| Part Number | Pretravel | Overtravel | Oper. Force | Release Force | Movement Diff.  | <b>Operating Point</b> |
|-------------|-----------|------------|-------------|---------------|-----------------|------------------------|
| 26-804      | .050 max  | .012 min   | 12 ± 4 oz   | 5 oz min      | .020 +.010/005  | .396 ± .015            |
| 26-810      | .060 max  | .020 min   | 18 ± 5 oz   | 5 oz min      | .025 ± .010     | .396 ± .010            |
| 26-888051   | .060 max  | .012 min   | 12 ± 4 oz   | 4 oz min      | .025 ± .010     | .396 ± .010            |
| 26-904      | .050 max  | .012 min   | 12 ± 4 oz   | 5 oz min      | .020 + .010/005 | .396 ± .015            |
| 26-988051   | .050 max  | .012 min   | 12 ± 4 oz   | 5 oz min      | .020 + .010/005 | .396 ± .015            |

#### **A**CTUATORS

| Part Number |                    | Oper. Force | Release Force | Pretravel | Overtravel | Movement Diff. |
|-------------|--------------------|-------------|---------------|-----------|------------|----------------|
| 76-1200     | Roller Lever       | 8 oz max    | 1 1/2 oz min  | .130 max  | .026 min   | .054±.022      |
| 76-1210     | Lever              | 7 oz max    | 2 oz min      | .155 max  | .025 min   | .065 max       |
| 76-1220     | Short Roller Lever | 16 oz min   | 5 oz min      | .050 max  | .012 min   | .020 ± .010005 |
| 76-22604    | Bushing Mount      | 5 oz        | -             | .050 max  | .156 min   | -              |

# **END SOLDER**



# Mechanical / Electrical / Environmental Characteristics:

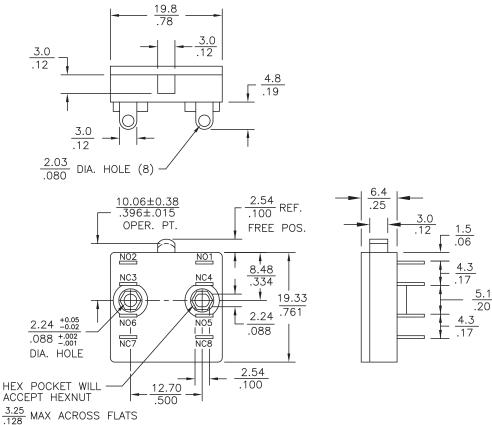
#### MIL-PRF-8805/7 QPL listed:

26-888051 M8805/77-001 26-988051 M8805/77-002

#### **Electrical Ratings:**

| Circuitry | Current | Voltage               |
|-----------|---------|-----------------------|
| DPDT-DB   | 8 Amps  | 125/250 VAC 75-80% PF |
| (Form ZZ) | 5 Amps  | 28 VDC                |

## SIDE SOLDER





MECHANICAL / ELECTRICAL /

**ENVIRONMENTAL** 

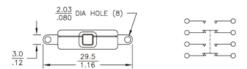
Circuit:

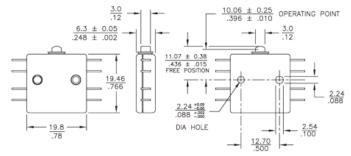
CHARACTERISTICS:

DPDT-DB (Form ZZ) **Temperature Index:**-85°F to +257°F Ambient

MIL-PRF-8805 OPL Listed: 26-810 M8805/77-003 Electrical Ratings: See chart to the left

# **END TERMINATION**



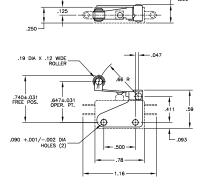


# **ELECTRICAL RATING, 26-810:**

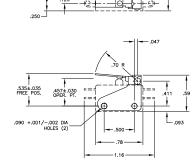
|           | Sea Level |         |                  |                 | 70,000 Ft |        |
|-----------|-----------|---------|------------------|-----------------|-----------|--------|
| Load      | 28 VDC    | 28 VDC  | 115 VAC<br>60 HZ | 115 VAC<br>60HZ | 28 VDC    | 28 VDC |
|           | DPDT      | 4 CKT   | DPDT             | 4 CKT           | DPDT      | 4 CKT  |
| Resistive | 8 amp     | 8 amp   | 6 amp            | 4 amp           | 8 amp     | 8 amp  |
| Inductive | 6 amp     | 4 amp   | 4 amp            | 4 amp           | 2 amp     | 1 amp  |
| Lamp      | 0.5 amp   | 0.5 amp | 2 amp            | 1 amp           | -         | -      |

# **A**CTUATORS

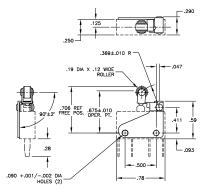
#### 76-1200



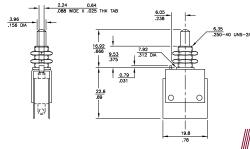
### 76-1210



#### 76-1220



76-22604





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