

View Online at <https://aerobasegroup.com/nsn/5925-00-570-4771>

**Thread Pitch Diameters:**

+0.1177/+0.1214 inches

**Body Style:**

Single pole type

**Body Length:**

2.510 inches

**Body Width:**

Between 0.730 inches and 0.780 inches

**Case Material:**

Plastic

**Center To Center Distance Between Terminals Parallel To Length:**

Between 1.660 inches and 1.960 inches

**Distance Between Centerlines Of Mounting Facilities Parallel To Body Length:**

Between 2.046 inches and 2.078 inches

**Switch Contact Arrangement:**

Single pole, double throw

**Fragility Factor:**

Moderately rugged

**Boss Height:**

Between 0.109 inches and 0.171 inches

**Mounting Surface To Terminal End Distance:**

2.800 inches

**Pole Quantity:**

1

**Arc Quenching Method:**

Magnetic blowout

**Mounting Facility Type And Quantity:**

2 threaded hole

**Storage Type:**

General purpose warehouse

**Thready Qty Per Inch (tpi):**

32

**Maximum Continuous Load Current Rating Per Pole:**

50.0 amperes dc single location

**Operating Voltage Type And Rating Per Pole In Volts:**

50.0 dc single location

**Maximum Interrupting Capacity Current Type And Rating Per Pole In Amps:**

2000.0 dc single location

**Circuit Protection Type:**

Overcurrent single location

**Trip Release Method:**

Magnetic single location

**Trip Release Characteristic:**

Time delay single location

**Ultimate Trip Rating Of Continuous Current Rating Per Pole In Percent:**

125.0 single location

**Reset Method:**

Manual

**Main Contact Tripping Mechanism Type:**

Trip free

**Manual Actuator Type And Quantity:**

1 toggle

**Actuator Function:**

Trip-reset

**Actuator Position Designation:**

At pole one

**Auxiliary Switch Function And Quantity:**

1 alarm

**Internal Trip Release Configuration:**

Series trip single location

**Thread Size:**

0.138 inches

**Switch Location And Position Designation:**

Internal at pole one

**Trip Delay Time In Seconds Per Rated Continuous Current:**

0.130 at 200 pct single location and 1.400 at 200 pct single location

**Inclosure Protection Type For Which Designed:**

Shock resistant and vibration resistant

**Switch Terminal Type:**

Tab, solder lug

**Switch Current Rating And Type In Amps:**

10.0 ac and 2.0 dc

**Switch Voltage Rating And Type In Volts:**

250.0 ac and 50.0 dc

**Test Data Document:**

81349-mil-c-55629 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

**Thread Series Designator:**

Unc

**Terminal Type And Quantity:**

2 threaded stud

**Specification Data:**

81349-mil-c-55629/2 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

**Demilitarization:**

No

**Fig:**

A030a0