

# **NSO-0 ROTARY SWITCH**

NSO-0 Rotary Master Switch features the same rugged design components and versatility as the NSO series of Joysticks.



# **SPECIFICATIONS**

### **GENERAL DATA**

Output Options	Contacts, Potentiometer, Encoder, 4-20mA & Transformer
Handle Action	Spring Return, Friction Brake or Maintained
Handle Travel	+/- 36 degrees each axis
Max of Steps	Up to 7-0-7 or 0-16 positions
Handle Compatibility	Teardrop, pistol grip & chrome steel ball lever
Life	10 million cycles
Materials	Aluminum body and nickel chronium yoke.
Est. Shipping Weight	4 lbs.
Est. Shipping Dimensions	10 in. x 10 in. x 10 in.

### **MOUNTING DATA**

Mounting Style Panel (from below)

Mounting Footprint 2.84" x 2.84"

See literature for additional mounting specifications

### **ENVIRONMENTAL DATA**

IP Rating Up to IP66 / Nema 4x (with cast enclosure & round nameplate)

Operating Temperature -13 to +158 degrees F [-25 to +70 degrees C]

Storage Temperature -40 to +158 degrees F [-40 to +70 degrees C]

### **ELECTRICAL DATA**

Switch Type:

Double Pole Snap-In Contact Blocks

Max. Number:

Up to 10 contact blocks (20 circuits)

Max. Switching Capacity:

Making - 100 amps Breaking - (0.7PF) 240V 80 amps

Contact Specifications

Rating (AC):

Continuous 16 amps @ 240V Resistive 8 amps @ 240V Inductive 6 amps @ 240V

Termination:

Captive Saddle Clamp

Max. Wire Size:

12 AWG

Additional Specifications

Reference product literature for additional specifications

## **Technical Drawings**

### **Dimensional**

All dimensions in inches [mm] and are subject to change.

Panel mounting details without face plate

U.236

Output Device Dimensions

Device 20 1.29 1.75

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Device 21 1.29 1.31 1.93

NEMA 1 Panel Mounting without escutcheon plate

NEMA 1 Panel mounting with gasket front plate and escutcheon plate

1.87 MAX.

Number of double pole contact blocks

NSO-0 overall dimensions

"L" dim. w/detent | NSOO1\_ | NSOO2\_ | NSOO3\_ NSOO4\_

"L" dim. w/sp.ret.

### Mounting

All dimensions in inches [mm] and are subject to change.

# Standard Panel Mounting\* Nema 4 Panel Mounting\* 1.1 945 1.1

\*For use with round chrome nameplate

Standard and NEMA 4 panel mounting details