

Series 212 Data Sheet Rotary Switch

Industrial Rotary Switch

Features

- Hill and valley detent
- Balanced double bump detent spring
- 30° or 60° indexing
- Spring return styles available
- · Adjustable stop available
- · Solder lug and printed circuit terminals available
- Molded stator prevents solder from flowing into the circuit
- · Custom switching patterns available
- · Index or wafers are available separately
- RoHS compliant

Electrical and Mechanical Specifications

Indexing

Double bump spring hill and valley detent with standand 30° indexing for 2 through 12 positions or with special 60° indexing from 2 to 6 positions. Special 90° indexing consult CTS

Voltage and Current Rating

UL Rating: 3/4 amp at 125 VAC (shorting type only) Special Rating: 1/4 amp at 28 VDC (shorting or non shorting) 1 amp at 28 VDC (shorting type only)

Contact Resistance

.015 ohm max. when measured from adjacent terminals Stop Strength

15 in-lb (17.3 Kgf-cm)

Torque

Up to 48 in-oz. (3.4 Kgf-cm)

Detent Rotational Life

25,000 cycles

Materials

Shaft: Aluminum or unplated brass at CTS option Bushing: Brass

Detent Spring: Spring brass or nickel silver depending on torque requirements

Front Plate: Zinc plated or nickel plated steel Rotor Contacts, Stator Contacts and Terminals: Silver plated brass standard

Stator Insulator: Glass reinforced thermoset material

Bushing Lengths

Standard: 3/8"-32 UNEF-2A Thread,1/4" (6.35mm) or 3/8" (9.53mm) long. Special Lengths: Available as required

Locating Lugs

Standard: Left side .531" (13.5mm) radius Special: Right side .531" (13.5mm) radius or no lug

Shaft Trim

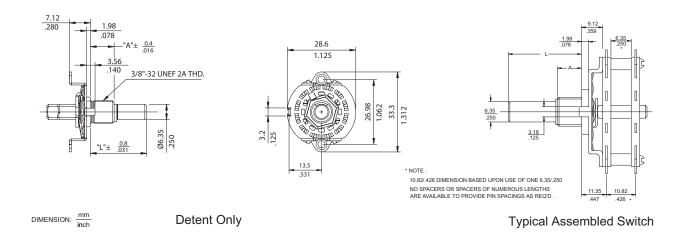
Standard: Plain round, Flat, Slot, Knurl, or mixed (Flat with Slot) Special: Available as request

Frames

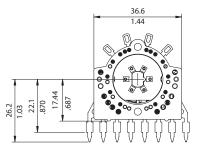
Machine screw, bolt & nut, or rivet construction

IP67 Compliant - Product meets IP67 requirements when optional waterseal construction is specified and product is installed in a sealed housing.

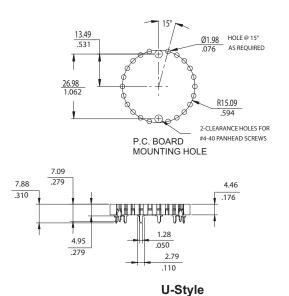
Physical Dimensions

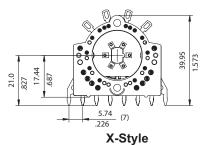


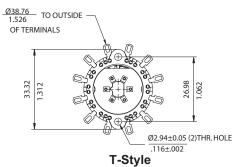
Available Terminal Styles

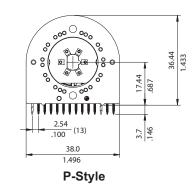


Y-Style









DIMENSION: mm inch

