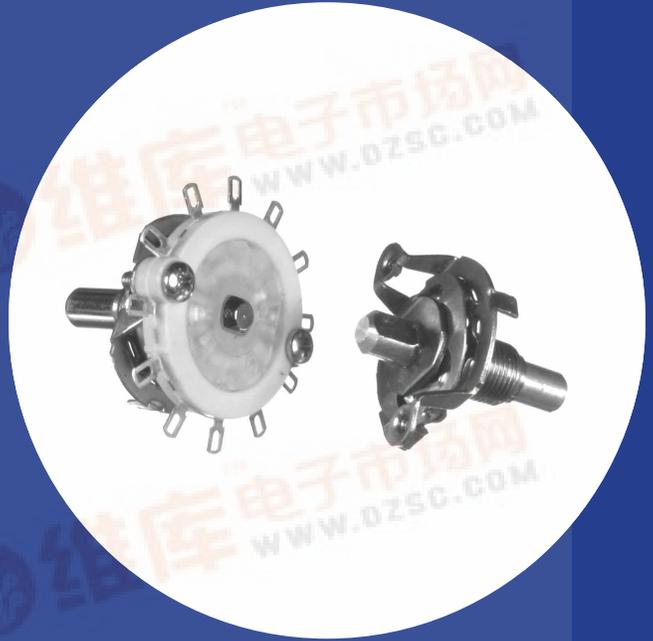


CTS 212 Rotary Switch

- Hill and valley detent
- Balanced double bump detent spring
- Excellent feel
- 30°, 60° or 90° 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



Electrical and Mechanical Specifications

Indexing

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

Voltage and Current Rating

UL Rating: $\frac{3}{4}$ amp at 125 VAC (shorting type only)
Special Rating: $\frac{1}{4}$ amp at 28 VDC (shorting or non shorting)
1 amp at 28 VDC Shorting

Contact Resistance

0.008 to 0.010 ohm when measured from adjacent terminals

Stop Strength

15" lbs (17.3Kg-cm).

Torque

Up to 48" oz. (3.5Kg-cm).

Detent Rotational Life

Standard: 25,000 cycles through 12 positions and return at 10 cycles per minute.

Materials

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

Materials (continued)

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

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

Stator Insulator: Glass reinforced thermoset material

Bushing Lengths

Standard: $\frac{3}{8}$ "-32 UNEF-2A Thread, $\frac{1}{4}$ " (6.35mm) or $\frac{3}{8}$ " (9.53mm) long.

Special Lengths: Available as required — Brass

Locating Lugs

Standard: Left side .531" (13.5mm) radius

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

Shaft Trim

Standard: Plain round

Special: Flat, slot, knurl, or mixed (flat with slot)

Frames

Machine screw, bolt & nut, or rivet construction

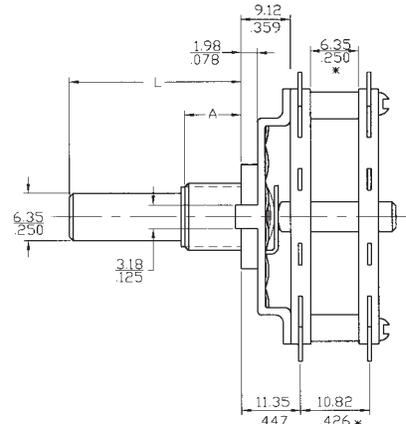
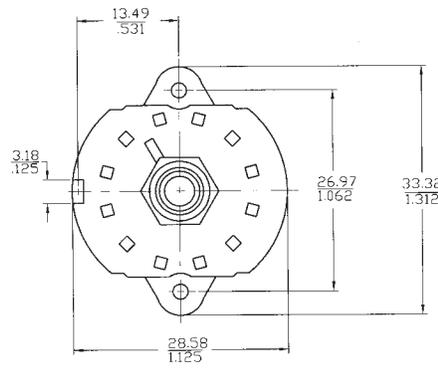
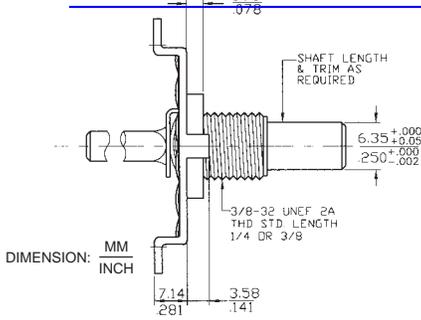
Lubrication

Special lubrication is used sufficient for the life of the index assembly under normal hand operation.



Physical Dimensions

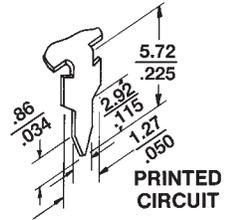
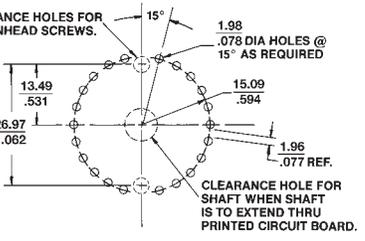
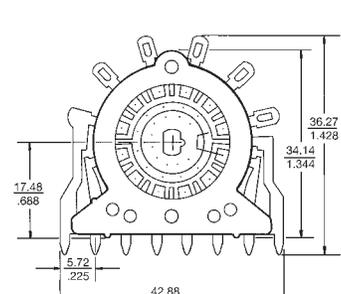
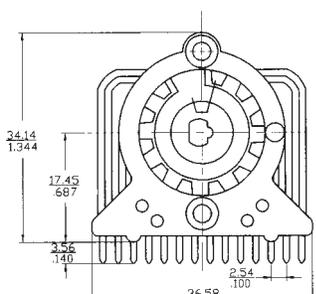
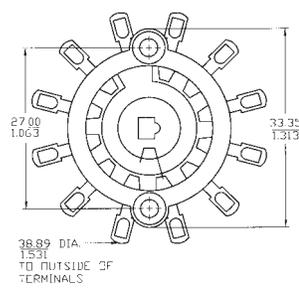
查询"212P0102N220FA"供应商



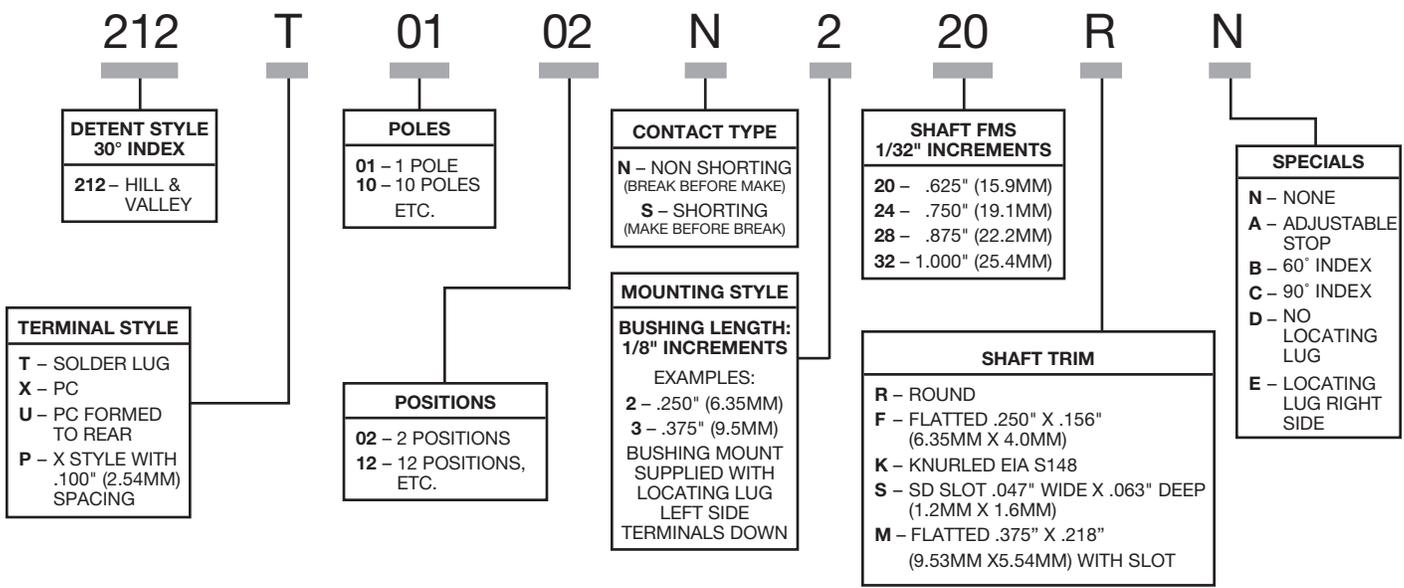
Detent Only

Typical Assembled Switch

Available Terminal Styles



Ordering Information



Order From:

CTS CORPORATION, ELECTROCOMPONENTS / 1601 Mishawaka Street / Elkhart, Indiana 46514
 North America Toll Free (888) 287-4690 / (219) 296-6700 / FAX: (219) 293-1240 <http://www.ctscorp.com>
CTS COMPONENTS TAIWAN, LTD. / 7, Central 6th Road (Chung Liu Road) / P.O. Box 26-20
 Kaohsiung Export Processing Zone / Kaohsiung, Taiwan, Rep. of China
 (07) 8216145 / FAX: (07) 8417642.8110040