## Features/Benefits

- Power ratings up to 10 AMPS
- Double pole models
- Locking lever options available
- Wide variety of actuator styles
- RoHS compliant and compatible


## Specifications

CONTACT RATING:
9201 Model
GP (general purpose)
6 AMPS 125 VAC $50 / 60 \mathrm{~Hz}$ T85 10,000 cycles (10E3)
3 AMPS 250 VAC $50 / 60 \mathrm{~Hz}$ T85 10,000 cycles
R (resistive)
6 AMPS 30 VDC T85 10,000 cycles
9221 Model:
GP (general purpose)
10 AMPS 125 VAC $50 / 60 \mathrm{~Hz}$ T85 10,000 cycles
5 AMPS 250 VAC 50/60 Hz T85 10,000 cycles
R (resistive)
10 AMPS 30 VDC T85 10,000 cycles
ELECTRICAL LIFE: 25,000 make-and-break cycles at full load.
CONTACT RESISTANCE: Below $10 \mathrm{~m} \Omega$ typ. initial @
2-4 V DC, 100 mA .
INSULATION RESISTANCE: $10^{9} \Omega \mathrm{~min}$.
DIELECTRIC STRENGTH: $2,500 \mathrm{Vrms}$ min. @ sea level.
OPERATING TEMPERATURE: $-30^{\circ} \mathrm{C}$ to $85^{\circ} \mathrm{C}$.
SOLDERABILITY: Per MIL-STD-202F method 208D, or
EIA RS-186E method 9 (1 hour steam aging).

## Typical Applications

## - Shut-off switch

- Small equipment


## Build-A-Switch

To order, simply select desired option from each category and place in the appropriate box. Available options are shown and described on pages F-43 thru F-47. For additional options not shown in catalog, consult Customer Service Center.


## KXX Actuator Color/Finish

NONE Natural aluminum

## SWITCH FUNCTION $\square$ |

| NO. POLES | MODEL NO. | RATING* | SWITCH FUNCTION |  | CONNECTED TERMINALS |  |  | SCHEMATIC |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | POS. 1 | POS. 2 | POS. 1 | POS |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| DP | 9201 | 6 AMPS | ON | ON | 2-3,5-6 | 2-1,5-4 |  | T 1 | $e^{2} \frac{\text { (СОмМ) }}{3}-\frac{5}{4}$ |  |  |
|  | 9221 | 10 AMPS | ON | ON |  |  |  |  |  |  |  |
| DPDT <br> PO <br> PO <br> Part number shown: 9201S |  |  |  |  |  |  |  |  |  |  |  |

* See CONTACT MATERIAL, page F-47, for complete ratings.

All 9000 Series models meet international dimensional and electrical requirements. c us 9221 model must be ordered with Z4 terminations and D seal option.

## $A C$ ACOR $\quad \square$

S ANTIROTATION, . $410^{\prime \prime} \mathrm{HIGH}$
P3 FLATTED, ANTIROTATION, .450" HIGH
 are specified. All hardware is available separately, see Section N.

Antirotation is standard on all actuators, provides 'anti-push-in' feature on actuator.

Dress nut part number: 709901201 supplied standard with P3 actuator.

T . $687 \mathrm{HIIGH}, 15 / 32$ BUSHING


T1 . 460 " HIGH, 15/32 BUSHING


| OPTION <br> CODE |  |
| :---: | :--- |
| NONE | BRIGHT CHROME-With Nickel Plated Bushing |
| 2 | BLACK |

NOTE: Bushing option code not required for T \& T1 actuators unless CW splashproof bushing ordered.

Black hardware is supplied when either black actuators or bushings are specified. All hardware is available separately, see Section N.

Antirotation is standard on all actuators except T \& T1, provides 'anti-push-in' feature on actuator


NOTE: Lever handle actuator L43 supplied, but not installed. For interchangeability, order L40 actuator option and order lever handles separately, see page F-47. Antirotation is standard on all actuators, provides 'anti-push-in' feature.



For T \& T1 actuators only.

NOTE: Two mounting nuts, locking ring and lockwasher supplied standard with threaded bushings. Black hardware is supplied when either black bushings or actuators are specified. Optional mounting nut and locking ring styles and finishes available, see Section N .

Will withstand 12 in./Ibs. of torque with no distortion.
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## TERMINATIONS $\square$ 다 $\square$ 마붐

Z SOLDER LUG


C PC THRU-HOLE


9201 Only

Z4 .187" QUICK CONNECT

9221 Only
NOTE: Only termination available with 9221 model. Must be ordered with D seal option. Mates with standard .187 Nema female connector.


AV2 VERTICAL RIGHT ANGLE, PC THRU-HOLE


Actuator Shown in Pos. 3



Terminal Nos. For Reference Only


G\&K
.

## CONTACT MATERIAL $\square+\square-\square \square-\square$

| OPTION CODE | MODEL | CONTACT MATERIAL | TERMINAL PLATING | RATINGS |
| :---: | :---: | :---: | :---: | :---: |
|  | 9201 | SILVER 1,2 | SILVER OR TIN ${ }^{2,5}$ | GP (general purpose) 6 AMPS 125 VAC $50 / 60 \mathrm{~Hz} \mathrm{T85} \mathrm{10,000} \mathrm{cycles} \mathrm{(10E3)}$ 3 AMPS 250 VAC $50 / 60 \mathrm{~Hz}$ T85 10,000 cycles <br> R (resistive) 6 AMPS 30 VDC T85 10,000 cycles |
| Q | 9221 | SILVER CADMIUM OXIDE 3 3,4 | TIN 5 | GP (general purpose) 10 AMPS 125 VAC $50 / 60 \mathrm{~Hz}$ T85 10,000 cycles 5 AMPS 250 VAC $50 / 60 \mathrm{~Hz}$ T85 10,000 cycles <br> R (resistive) 10 AMPS 30 VDC T85 10,000 cycles |

* Note: See Technical Data section of this catalog for RoHS compliant and compatible definitions and specifications.
${ }^{1}$ END CONTACTS: Coin silver, silver plated. NOTE: Any models supplied with Q contact material are RoHS compliant.
2 CENTER CONTACTS \& ALL TERMINALS: Copper alloy, silver plated.
${ }^{3}$ END CONTACTS: Silver cadmium oxide.
${ }^{4}$ CENTER CONTACTS: Copper alloy, silver plated.
NOTE: Any models supplied with Q contact material are RoHS compliant,
All 9000 Series models meet international dimensional and electrical requirements.
${ }^{5}$ Z4 TERMINALS ONLY: Copper alloy, matte-tin plated.
${ }^{6}$ Cadmium in electrical switch contacts is exempt from RoHS.


## 

E EPOXY SEAL
D NO EPOXY SEAL


Not available with 9221 model or Z4 terminations.


