
${ }_{c} \mathrm{TN}_{\text {us }}$ - E222871

SPECIFICATIONS

| Electrical Ratings | $3 \mathrm{~A} @ 120 \mathrm{VAC}, 28 \mathrm{VDC} ; 1 \mathrm{~A} @ 250 \mathrm{VAC}$ <br> See Contact Options |
| :--- | :--- |
| Electrical Life | 30,000 cycles typical |
| Contact Resistance | $<20 \mathrm{~m} \Omega$ max initial @ 2-4VDC, 100mA |
| Dielectric Strength | 1500 Vrms min |
| Insulation Resistance | $>100 \mathrm{M} \Omega$ min |
| Operating Temperature | $-40^{\circ} \mathrm{C}$ to $85^{\circ} \mathrm{C}$ |
| Storage Temperature | $-40^{\circ} \mathrm{C}$ to $85^{\circ} \mathrm{C}$ |

## MATERIALS $\leftarrow$ RoHs COMPLIANT

| Actuator | Brass, Chrome Plated |
| :--- | :--- |
| Housing | DAP - Diallyl Phthalate |
| Cover | Stainless Steel |
| Bushing | Brass, Nickel Plated |
| Contacts | Copper Alloy, Silver or Gold Plated |
| Terminals | Brass, Silver or Gold Plated |

## ORDERING INFORMATION



BNT

## SWITCH FUNCTION



## ACTUATOR OPTIONS


**Only available with E, E1, F, \& F1 Bushings
**Only available with G, G1, J, \& J1 Bushings

## BUSHING OPTIONS



BNT

## TERMINAL OPTIONS



H (HS - Snap-in) = Horizontal Mount, Right Angle PC Pins (Double Pole)


V (VS - Snap-in) = Vertical Mount, Right Angle PC Pins (Single Pole)


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## TERMINAL OPTIONS



A5 (A5S - Snap-in Bracket)
PC Pins with Support Bracket (Single Pole)


A5 (A5S - Snap-in Bracket)
PC Pins with Support Bracket (Double Pole)

## CONTACT OPTIONS

| Designator | Contact Material | Terminal Material | Electrical Ratings |
| :---: | :--- | :--- | :--- |
| Q | Silver Plating | Silver Plating | 3 A @ 120VAC, 28VDC; 1A @ 250VAC |
| R | Gold over Nickel Plating | Gold over Nickel Plating | .4 VA max @ 20VAC or VDC max |
| G | Gold over Silver Plating | Gold over Silver Plating | .4 VA max @ 20VAC or VDC max or <br> 3 A @ 120VAC, 28VDC; 1A @ 250VAC |

THREE WAY WIRING DIAGRAM

|  | POSITION 1 | POSITION 2 | POSITION 3 |
| :---: | :---: | :---: | :---: |
|  |  |  |  |
| Customer must wire externally <br> BOTTOM VIEW |  <br> (4) <br> (1) |  |  |

HARDWARE **Two hex nuts, one lock washer, \& one locking ring supplied standard with threaded bushings

| $\underbrace{8.08}_{I_{1.32}}$ | $\stackrel{0.46}{\substack{0 \\ \underset{T}{2} \\ \hline}}$ | $\stackrel{0.75}{1.65}$ | $\stackrel{0.75}{1.65}$ |
| :---: | :---: | :---: | :---: |
| Hex Nut | Lock Washer | Locking Ring | Locking Ring |

**For use with E \& F Bushings
(


[^0]:    V (VS - Snap-in) = Vertical Mount, Right Angle PC Pins (Double Pole)

