## Features/Benefits

- Process sealed with disposable splashproof boot
- Long life contact design
- Snap-fitting plunger available
- RoHS compliant models available


## Typical Applications

- Instrumentation
- Telecommunications and networking equipment
- Computers and peripherals


C
Models Available

## Materials

CASE \& BUSHING: Glass filled nylon 6/6, flame retardant (UL 94V-0).
PLUNGER: Glass filled nylon or glass filled polyester (PBT) (UL 94V-0).
SWITCH SUPPORT: Brass or steel, matte-tin.
SWITCH SUPPORT RETAINER: Stainless steel.
N.O. \& N.C. CONTACTS: EX25 MODELS: B contact material: Copper alloy, with gold plate over nickel plate. EX21 MODELS: G contact material: Coin silver, with gold plate over nickel plate. See page A-26 for additional contact materials.
COMMON CONTACTS \& ALL TERMINALS: Copper alloy, with gold plate over nickel plate. See page A-26 for additional contact materials.
TERMINAL SEAL: Epoxy.
DISPOSABLE BOOT: Vinyl splashproof boot supplied standard. Remove and discard only after soldering and cleaning processes are complete.

NOTE: Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

## 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 A-22 thru A-28. For additional options not shown in catalog, consult our Customer Service Center. All models are process sealed to withstand machine soldering temperatures and pressure wash cleaning methods.



MOM. $=$ Momentary
${ }^{C T H}$
with all options
E121, E221 models
when ordered with $G$ or $R$ contact material.

EX25 models must be ordered with B or P contact material. EX21 models must be ordered with $G$ or $R$ contact material.
S.282" HIGH


A RIGHT ANGLE, PC THRU-HOLE


A3
RIGHT ANGLE, SNAP-IN, PC THRU-HOLE


NOTE: Terminal bend radii and lead-in manufacturing option.


E020 Series
Sealed Snap-acting Momentary Pushbutton Switches

## TERMINATIONS



AV2 vertical right angle, pc thru-hole, 150 " PITCH


AV3 VERTICAL RIGHT ANGLE, SNAP-IN, PC THRU-HOLE, .150" PITCH


NOTE: Terminal bend radii and lead-in manufacturing option.
AV2 VErtical right angle, pc thru-hole, .150" PITCH


AV3 VERTICAL RIGHT ANGLE, SNAP-IN, PC THRU-HOLE, .150" PITCH

PC MOUNTING


NOTE: Terminal bend radii and lead-in manufacturing option.



V3, V4 vertical mount, v-bracket
V31, V41 vertical mount, v-bracket, snap-in


V6, V8 vertical mount, v-bracket
V61, V81 vertical mount, v-bracket, snap-In



PC MOUNTING


E121SD3_GE SPDT

| OPTION <br> CODE | DIM ' $A$ ' |
| :---: | :---: |
| V6, V61 | $.460(11,68)$ |
| V8, V81 | $.953(24,21)$ |

E020 Series
Sealed Snap-acting Momentary Pushbutton Switches

## TERMINATIONS

V6, V8 vertical mount, v-bracket
V61, V81 vertical mount, v-bracket, snap-in

E221SD3V6GE DPDT



SNAP-IN


| OPTION <br> CODE | DIM ' $\mathbf{A}$ ' |
| :---: | :---: |
| V6, V61 | $.460(11,68)$ |
| V8, V81 | $.953(24,21)$ |

CONTACT MATERIAL $\square$ 둔ㅁㅁㅁ

| OPTION <br> CODE | CONTACT <br> MATERIAL | TERMINAL <br> PLATING |  | RATINGS |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathbf{B}$ | GOLD 1 | GOLD 1 |  | LOW LEVEL/DRY CIRCUIT |  |

* Note: See Technical Data section of this catalog for RoHS compliant and compatible definitions and specifications.
${ }^{1}$ CONTACTS \& TERMINALS: Copper alloy, with gold plate over nickel plate.
${ }^{2}$ N.O. AND N.C. CONTACTS: Coin silver, with gold plate over nickel plate.
${ }^{3}$ COMMON CONTACTS \& ALL TERMINALS: Copper alloy, with gold plate over nickel plate.
${ }^{4}$ TERMINALS: Copper alloy, with matte-tin alloy over nickel plate.

NOTE: Any models supplied with P, R, B or G contact material are RoHS compliant.
E121, E221 models c US with all options when ordered with mandatory G , or R contact material.
P or B contact material must be ordered with EX25 models.
R or G contact material must be ordered with EX21 models.

## SEAL 두둡ㅁ

E EPOXY SEAL AND DISPOSABLE SPLASHPROOF BOOT




NOTE: Other cap colors available, consult Customer Service Center.

Frames snap into panel opening and are independent from switch mounting. Accurate positioning of the PC mounted switch relative to the panel opening is necessary to provide proper clearance between actuator and frame. Available in two basic styles and four panel thicknesses .047-. 125 in. Material: Nylon. Finish: Matte.

.090" $(2,29)$ PANEL THK.
PART NO.
432702263432802263 BLACK


## AVAILABLE HARDWARE

Above frames (part nos. 432XXXXXX) are also available with insert which accepts LED for indicator light assembly. Order insert separately from frame. Blank insert panel (without hole for LED) also available. LED not included.


| PANEL INSERT | BLANK PANEL INSERT |
| :--- | :--- |
| WITH HOLE FOR LED | WITHOUT HOLE FOR LED |
| PART NO. | PART NO. |
| $\mathbf{8 9 4 9 0 2 0 0 0}$ | $476602000 \quad$ BLACK |

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components
Click to view similar products for Pushbutton Switches category:

## Click to view products by $\mathrm{C} \& \mathrm{~K}$ manufacturer:

Other Similar products are found below :
8940K2012 LW1L-M1C10V-A LW1L-M1C70-A LW2L-A1C20M-GD LW2L-M1C20M-A 60324L M22-D-R-GB0/K11 M7E-HRN2 67021K512 67081K512X 701PB580 7199K101 810K12910 810KSV30B MML21EA2ADK MML21KA3ABK MML23KA3AC05K-001 MML23KW3AA01W 8418K2 8442K3 8450K1 860K11911T01A 861901 861K11911T01A07 861K13810T00A14 861K13911 8646AB6X718UL 8646ABUL 9001KXRK 907AYY100 PMHD155A1 9533CD4+U574+U4922 95-414.000 99-450.837 99-453.837 PV3H2B0NN-341 1203MRA A22NZBGANGA A22NZBNANGA A22NZMPATRA A2PMA1X03EC56 A3A-5123-02 A3A-7140 A3A$\underline{7310}$ A3A-7340 A3U-TMW-A2C-5M A595 12037A2ULCSA ABD122N-B 1211390004

