## Comepi Safety Switches Selection Guide



| Serias | SP2 Serios | SDM Serics |
| :---: | :---: | :---: |
| Prices start at |  |  |
| Description | 30 mm safety limit switch with keys or shaft lever | 50 mm safety limit switch with keys, shaft lever or pull wire |
| Material of Construction | Plastic casing, double insulated | ZAMAK (zinc alloy) casing |
| Degree of Protection (IEC529) | IEC IP65 | IEC IP66 |
| Maximum Switching Frequency | Contact blocks: 1 cycle per second (all) | Contact blocks: 1 cycle per second (all) |
| Mechanical Service Life | 1,000,000 operations interlock and limit switches | 1,000,000 operations. interlock and limit switches 25,000 operations for pull wire |
| Contact Configuration | X11-Slow action break before make, positive opening, 1 N.O. +1 N.C. W02 - Simultaneous, slow action, positive opening, 2 N.C. | X11-Slow action break before make, positive opening, 1 N.O. +1 N.C. W02 - Simultaneous, slow action, positive opening, 2 N.C. |
| Conduit Opening | One cable hole, 1/2" NPT adapter | Three cable holes, 1/2" NPT |
| Connection | $2 \times 2.5 \mathrm{~mm} 2$ (AWG14) to $2 \times 0.5 \mathrm{~mm} 2$ (AWG 18) | $2 \times 2.5 \mathrm{~mm} 2$ (AWG14) to $2 \times 0.5 \mathrm{~mm} 2$ (AWG 18) |
| Agency Approvals | CE, UL file E189258, CSA 176294, RoHS | CE, UL file E189258, CSA 176294, RoHS |



| Serios | SBM Serías | SCM Serics |
| :---: | :---: | :---: |
| Prices start at |  |  |
| Description | 40 mm safety limit switch with keys or pull wire | 60 mm safety limit switches with keys or pull wire |
| Material of Construction | Aluminum casing | Aluminum casing |
| Degree of Protection (IEC529) | IEC IP66 | IEC IP66 |
| Maximum Switching Frequency | Contact blocks: 1 cycle per second (all) | Contact blocks: 1 cycle per second (all) |
| Mechanical Service Life | 1,000,000 operations. interlock and limit switches 25,000 operations for pull wire | 1,000,000 operations interlock and limit switches 25,000 operations for pull wire |
| Contact Configuration | X11-Slow action break before make, positive opening, 1 N.O. +1 N.C. <br> W02 - Simultaneous, slow action, positive opening, 2 N.C. <br> X12 - Slow action break before make, positive opening, 1 N.O. + 2 N.C. W03 - Simultaneous, slow action, positive opening 3 N.C. | X11-Slow action break before make, positive opening, 1 N.O. +1 N.C. <br> W02 - Simultaneous, slow action, positive opening, 2 N.C. <br> X12 - Slow action break before make, positive opening, 1 N.O. + 2 N.C. W03 - Simultaneous, slow action, positive opening 3 N.C. |
| Conduit Opening | One cable hole, $1 / 2^{\prime \prime}$ NPT | Three cable holes, 1/2" NPT |
| Connection | $2 \times 2.5 \mathrm{~mm} 2$ (AWG14) to $2 \times 0.5 \mathrm{~mm} 2$ (AWG 18) | $2 \times 2.5 \mathrm{~mm} 2$ (AWG14) to $2 \times 0.5 \mathrm{~mm} 2$ (AWG 18) |
| Agency Approvals | CE, UL file E189258, CSA 176294, RoHS | CE, UL file E189258, CSA 176294, RoHS |

## Comepi Safety Switches

These safety switches are developed and manufactured according to IEC and EN European standards.
Easy to use, electromechanical safety switches provide:

- Visible operation
- Ability to switch large currents
(10 A conventional thermal current)
- Precise operating points (consistency)
- Immunity to electromagnetic disturbances
- Electrically separated contacts (Zb)
- N.C. contacts with positive opening operation
- Actuation Speed: Max. - $0.5 \mathrm{~m} / \mathrm{s}$; Min. $-0.01 \mathrm{~m} / \mathrm{s}$
- Conduit opening - $1 / 2^{\prime \prime}$ NPT threaded or adapter


Note: Purchase actuating tongue (key) separately.

| Safety Limit Switches |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Part Number | Price | Actuator Type | No. of Conduit Holes | Min <br> Force for Key Actuation | $\begin{gathered} \text { Min } \\ \text { Torque } \end{gathered}$ | Positive Opening Force | B10d | Dimensions Body / Head | Contact Config. Diagram | Weight <br> (lb) | Photo |
| SP2K20X11 |  | $90^{\circ}$ adjustable head, tongue (key) interlock | One | 15N |  | 30 N | $2,000,000$ <br> operations | Figures 1, 5 | 1 | 0.2 | A |
| SP2K20W02 |  |  | One |  |  |  |  | Figures 1, 5 | 2 | 0.2 | A |
| SP2K120X11 |  | $360^{\circ}$ adjustable head, tongue (key) interlock | One |  |  |  |  | Figures 1, 6 | 1 | 0.2 | B |
| SP2K120W02 |  |  | One |  |  |  |  | Figures 1, 6 | 2 | 0.2 | B |
| SP2K72X11 |  | $90^{\circ}$ adjustable head, shaft hinge interlock | One |  | $\begin{aligned} & 0.12 \\ & \mathrm{Nm} \end{aligned}$ | 0.60 Nm |  | Figures 1, 7 | 1 | 0.2 | C |
| SP2K72W02 |  |  | One |  |  |  |  | Figures 1, 7 | 2 | 0.2 | C |
| SP2K61X11 |  | $90^{\circ}$ adjustable head, lever hinge interlock | One |  |  |  |  | Figures 1, 8 | 1 | 0.2 | D |
| SP2K61W02 |  |  | One |  |  |  |  | Figures 1, 8 | 2 | 0.2 | D |
| SDM2K20X11 |  | $90^{\circ}$ adjustable head, tongue (key) interlock | Three | 15N |  | 30 N |  | Figures 2, 5 | 1 | 0.6 | E |
| SDM2K20W02 |  |  | Three |  |  |  |  | Figures 2, 5 | 2 | 0.6 | E |
| SDM2K120X11 |  | $360^{\circ}$ adjustable head. tongue (key) interlock | Three |  |  |  |  | Figures 2, 6 | 1 | 0.6 | F |
| SDM2K120W02 |  |  | Three |  |  |  |  | Figures 2, 6 | 2 | 0.6 | F |
| SDM2K72X11 |  | $90^{\circ}$ adjustable head. shaft hinge interlock | Three |  | $\begin{aligned} & 0.12 \\ & \mathrm{Nm} \end{aligned}$ | 0.60 Nm |  | Figures 2, 7 | 1 | 0.6 | G |
| SDM2K72W02 |  |  | Three |  |  |  |  | Figures 2, 7 | 2 | 0.6 | G |
| SDM2K61X11 |  | $90^{\circ}$ adjustable head. lever hinge interlock | Three |  |  |  |  | Figures 2, 8 | 1 | 0.6 | H |
| SDM2K61W02 |  |  | Three |  |  |  |  | Figures 2, 8 | 2 | 0.6 | H |
| SDM2K98X11 |  | Cable-pull interlock with reset | Three |  |  |  | 2,000 | Figures 2, 10 | 1 | 0.6 | I |
| SDM2K98W02 |  |  | Three |  |  |  | operations | Figures 2, 10 | 2 | 0.6 | I |
| SBM2K40X11 |  | $90^{\circ}$ adjustable head, tongue (key) interlock | One | 30 N |  | 45N | $2,000,000$operations | Figures 3, 11 | 1 | 0.4 | $J$ |
| SBM2K40W02 |  |  | One |  |  |  |  | Figures 3, 11 | 2 | 0.4 | $J$ |
| SBM2K40X12 |  |  | One |  |  |  |  | Figures 3, 11 | 3 | 0.4 | J |
| SBM2K40W03 |  |  | One |  |  |  |  | Figures 3, 11 | 4 | 0.4 | $J$ |
| SBM2K99X11 |  | Cable-pull interlock with reset | One |  |  |  |  | Figures 3, 13 | 1 | 0.6 | K |
| SBM2K99W02 |  |  | One |  |  |  | 25,000 | Figures 3, 13 | 2 | 0.6 | K |
| SBM2K99X12 |  |  | One |  |  |  | operations | Figures 3, 13 | 3 | 0.6 | K |
| SBM2K99W03 |  |  | One |  |  |  |  | Figures 3, 13 | 4 | 0.6 | K |
| SCM2K40X11 |  | $90^{\circ}$ adjustable head, tongue (key) interlock | Three | 30 N |  | 45N | $2,000,000$ <br> operations | Figures 4, 11 | 1 | 0.5 | L |
| SCM2K40W02 |  |  | Three |  |  |  |  | Figures 4, 11 | 2 | 0.5 | L |
| SCM2K40X12 |  |  | Three |  |  |  |  | Figures 4, 11 | 3 | 0.5 | L |
| SCM2K40W03 |  |  | Three |  |  |  |  | Figures 4, 11 | 4 | 0.5 | L |
| SCM2K99X11 |  | Cable-pull interlock with reset | Three |  |  |  | $\begin{gathered} 25,000 \\ \text { operations } \end{gathered}$ | Figures 4, 13 | 1 | 0.7 | M |
| SCM2K99W02 |  |  | Three |  |  |  |  | Figures 4, 13 | 2 | 0.7 | M |
| SCM2K99X12 |  |  | Three |  |  |  |  | Figures 4, 13 | 3 | 0.7 | M |
| SCM2K99W03 |  |  | Three |  |  |  |  | Figures 4, 13 | 4 | 0.7 | M |



## Comepi Safety Switches

## Dimensions

mm [in]
$\begin{aligned} & \text { Figure 1: } \\ & \text { SP2K body }\end{aligned}$
Figure 2:


## Actuator Dimensions

mm [in]
Figure 5: $90^{\circ}$ adjustable head SP2K20, SDM2K20 models


Figure 6: Fully turnable $360^{\circ}$ head SP2K120, SDM2K120 models


Figure 7: $90^{\circ}$ adjustable head with shaft hinge interlock - SP2K72, SDM2K72 models


Figure 8: $90^{\circ}$ adjustable head with lever hinge interlock - SP2K61, SDM2K61 models


Safety Electrical Components
tESC-117

## Comepi Safety Switches

## Actuator Dimensions

mm [in]

Figure 9: Pull wire without reset for simple stop - SDM2K96 models


Figure 10: Pull wire with reset for emergency stop - SDM2K98 models


Figure 12: Pull wire without reset for simple stop - SBM2K97 and SCM2K97 models


Figure 13: Pull wire with reset for emergency stop - SBM2K99 and SCM2K99 models


Figure 11: $90^{\circ}$ adjustable head -
SBM2K40, SCM2K40 models


## Comepi Safety Switches

| Approvals |  |  |  |
| :---: | :---: | :---: | :---: |
| AII: IEC 947-5-1, EN 60947-5-1, UL 508, CSA C22.2 No 14, RoHS |  |  |  |
| Environmental |  |  |  |
| Degree of Protection |  | Plastic models: IP65 according to IEC 529 <br> Aluminum and ZAMAK (zinc alloy) models: IP66 according to IEC 529 |  |
| Temperature Range |  | Plastic models: storage: $-30^{\circ}$ to $80^{\circ} \mathrm{C}\left(-22^{\circ}\right.$ to $176^{\circ} \mathrm{F}$ ) operating: $-25^{\circ}$ to $70^{\circ} \mathrm{C}\left(-13^{\circ}\right.$ to $\left.158^{\circ} \mathrm{F}\right)$ <br> Aluminum and ZAMAK (zinc alloy)models: storage: $-30^{\circ}$ to $80^{\circ} \mathrm{C}\left(-22^{\circ}\right.$ to $\left.176^{\circ} \mathrm{F}\right)$ operating: $--25^{\circ}$ to $70^{\circ} \mathrm{C}\left(-13^{\circ}\right.$ to $\left.158^{\circ} \mathrm{F}\right)$; minimum temperatures assume that the atmosphere is free of moisture, which could cause moving parts to freeze up. |  |
| Rated Insulation Voltage |  | SDM:400V, All others 500V; (degree of pollution - 3 ) |  |
| Mechanical Ratings |  |  |  |
| Mechanical Life |  | 1 million operations. Pull wire models $-25,000$ operations |  |
| Enclosure Material |  | Plastic models: fiberglass-reinforced plastic-VO class (UL94); aluminum models: die-cast aluminum; ZAMAK models: zinc alloy |  |
| Contact Blocks Rating |  |  |  |
| Positive Opening |  | Yes, all models |  |
| Electrical Ratings | AC15 | Make: 60A@120VAC; 30A @ 240VAC; 18A @ 400VAC Break:10A @ 24VAC; 6.5A @130VAC; 3.1A @ 230VAC; 1.8A @ 400VAC |  |
|  | DC13 | 2.8A @ 24VDC; 0.5A @ 110VDC |  |
| Maximum Switching Frequency |  | Contact blocks: all one cycle per second |  |
| Repeat Accuracy |  | 0.01 mm on the operating points at 1 million operations |  |
| Short-Circuit Protection |  | Cartridge fuses, general purpose, gl 10A-500V 10.3x38 1 100KA |  |
| Contact Resistance |  | 25 milli q |  |
| Recommended Minimum Operating Speed |  | With slow-action contacts: 500 mm per minute* |  |
| Rated Insulation Voltage |  | 660 V |  |
| Terminals Marking |  | According to CENELEC EN 50013 |  |
| Wiring Connections |  | $2 \times 2.5 \mathrm{~mm}^{2}$ (AWG14) to $2 \times 0.5 \mathrm{~mm}^{2}$ (AWG18) |  |
| Wiring Terminal Type |  | Captive screw with self-ifiting pressure plate |  |
| Wiring Terminal Markings |  | According to CENELEC EN50013 |  |
| User Protection |  | Double insulation (plastic models only) |  |
| Contact Blocks Performance |  |  |  |
| Operation Frequency |  | 3600 ops/h |  |
| Electrical Durability (according to IEC947-5-1) |  | Utilization categories AC-15 and DC-13; load factor of 0.5. See table and curves below. |  |
| Tools Needed |  |  |  |
| Phillips screwdriver, \#1 \#2 / Hex wrench, 10mm |  |  |  |

*Note: Slow-action contacts must not be operated at very low speeds because of the tendency to maintain the arc if contacts are not rapidly separated.

## Electrical Durability (according to <br> IEC 947-5-1)

AC-15 Slow Action


## DC-13 Slow Action

|  | Power breaking for a <br> durability of 5 million <br> cycles |
| :--- | :---: |
| $\mathbf{2 4}$ Volts | 12 W |
| $\mathbf{4 8}$ Volts | 9 W |
| $\mathbf{1 1 0}$ Volts | 6 W |

## Comepi Safety Switches

## Contacts Configuration Charts

## Chart 1

X11 Slow action break before make 1NO+1NC


## Chart 2

W02 Simultaneous slow action 2NC


## Chart 3

X12 Slow action break before make $1 \mathrm{NO}+2 \mathrm{NC}$


Chart 4
W03 Simultaneous slow action 3NC


Bar charts for keys, shaft lever or limit switches


W02


X12


W03


A = Max. travel of the operator in mm or degrees
$B=$ Tripping travel of the N.C. contact
C = Tripping travel of the N.O. contact
$P=$ Point from which positive opening is assured $R=$ Reset latch activates

| Part Series | Contact Configuration | Displacement Values mm[in] or degrees |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | A | $B$ | C | $P$ | $R$ |
| SP2K20, SP2K120, SDM2K20, SDM2K120 Top Key Extraction | X11 | 21.5 [0.85] | 2.0 [0.08] | 3.0 [0.12] | 3.5 [0.14] | - |
|  | W02 | 21.5 [0.85] | 1.8 [0.07] | - | 3.3 [0.13] | - |
| SP2K20, SP2K120, SDM2K20, SDM2K120 Front Key Extraction | X11 | 21.5 [0.85] | 3.8 [0.15] | 4.8[0.19] | 5.3 [0.21] | - |
|  | W02 | 21.5 [0.85] | 3.5 [0.14] | - | 5.0 [0.20] | - |
| SP2K72, SP2K61, SDM2K72, SDM2K61 | X11 | $\pm 90^{\circ}$ | $\pm 6^{\circ}$ | $\pm 15^{\circ}$ | $\pm 31^{\circ}$ | - |
|  | W02 | $\pm 90^{\circ}$ | $\pm 5^{\circ}$ | - | $\pm 30^{\circ}$ | - |
| SBM2K40, SCM2K40 Top Key Extraction | X11 | 26.6 [1.05] | 4.6 [0.18] | 6.1 [0.24] | 5.8 [0.23] | - |
|  | W02 | 26.6 [1.05] | 4.1 [0.16] | - | 5.6 [0.22] | - |
|  | X12 | 26.6 [1.05] | 4.3 [0.17] | 5.8 [0.23] | 5.5 [0.21] | - |
|  | W03 | 26.6 [1.05] | 4.1 [0.16] | - | 5.6 [0.22] | - |
| SBM2K40, SCM2K40 Front Key Extraction | X11 | 26.6 [1.05] | 5.8 [0.23] | 7.3 [0.29] | 7.0 [0.28] | - |
|  | W02 | 26.6 [1.05] | 5.3 [0.21] |  | 6.8 [0.27] | - |
|  | X12 | 26.6 [1.05] | 5.5 [0.21] | 7.0 [0.28] | 6.7 [0.26] | - |
|  | W03 | 26.6 [1.05] | 5.3 [0.21] | - | 6.8 [0.27] | - |

## Comepi Safety Switches

## Bar charts for cable pulls

## X11



W02


X12


W03


## Pull Tension from Center

A = Max. travel of the operator in mm
$B=$ Tripping travel of the N.C. contact
$\mathrm{C}=$ Tripping travel of the N.O. contact
$P=$ Point from which positive opening is assured
$R=$ Reset latch activates

| Part Series | Contact Configuration | Displacement Values mm[in] |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | A | $B$ | C | $P$ | $R$ | Center** | A1 | B1 | C1 | R1 |
| $\begin{aligned} & \text { SBM2K97* } \\ & \text { SBM2K99 } \\ & \text { SCM2K97* } \\ & \text { SCM2K99 } \end{aligned}$ | X11 | 4 [0.16] | 1.4[0.06] | 2.3 [0.09] | 2.6 [0.10] | 3.7 [0.15] | 0 | 6 [0.24] | 1.4 [0.06] | 2.4 [0.09] | 4.7 [0.19] |
|  | W02 | 4 [0.16] | 1.2 [0.05] | - | 2.4 [0.09] | 3.7 [0.15] | 0 | 6 [0.24] | 1.2 [0.05] | - | 4.7 [0.19] |
|  | X12 | 4 [0.16] | 1.5 [0.06] | 3.0[0.12] | 2.7 [0.11] | 3.7 [0.15] | 0 | 6 [0.24] | 1.5 [0.06] | 3.0 [0.12] | 4.7 [0.19] |
|  | W03 | 4 [0.16] | 1.4 [0.06] | - | 2.6 [0.10] | 3.7 [0.15] | 0 | 6 [0.24] | 1.4 [0.06] | - | 4.7 [0.19] |
| $\begin{aligned} & \text { SDM2K96 } \\ & \text { SDM2K98 } \end{aligned}$ | X11 | 4 [0.16] | 1.4 [0.06] | 2.3 [0.09] | 2.6 [0.10] | 3.7 [0.15] | 0 | 6 [0.24] | 1.4 [0.06] | 2.4 [0.09] | 4.7 [0.19] |
|  | W02 | 4 [0.16] | 1.2 [0.05] | - | 2.4 [0.09] | 3.7 [0.15] | 0 | 6 [0.24] | 1.2 [0.05] | - | 4.7 [0.19] |


| Part Series | Contact Configuration | Force Values $N$ |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | A | B | C | P | $R$ | Center** | A1 | B1 | C1 | R1 |
| SBM2K97* <br> SBM2K99 <br> SCM2K97* <br> SCM2K99 | X11 | 300 | 170 | 190 | 240 | 260 | 100 | 0 | 70 | 55 | 40 |
|  | W02 | 300 | 170 | - | 240 | 260 | 100 | 0 | 70 | - | 40 |
|  | X12 | 300 | 170 | 190 | 240 | 260 | 100 | 0 | 70 | 55 | 40 |
|  | W03 | 300 | 170 | - | 240 | 260 | 100 | 0 | 70 | - | 40 |
| $\begin{aligned} & \text { SDM2K96 } \\ & \text { SDM2K98 } \end{aligned}$ | X11 | 140 | 95 | 100 | 115 | 120 | 70 | 0 | 50 | 40 | 30 |
|  | W02 | 140 | 95 | - | 115 | 120 | 70 | 0 | 50 | - | 30 |

[^0]
## Comepi Safety Switches <br> KEY13 <br>  <br> KEY14 <br>  <br> KEY15 <br> KEY35 <br>  <br> KEY16 <br> KEY36 <br>  <br> KEY17 <br>  <br> KEY18 <br>  <br> KEY19 KEY39 <br> 

Safety Limit Switches Operating Keys

| $\begin{array}{\|l\|} \hline \text { Part } \\ \text { Number } \end{array}$ | Price | Description | Weight <br> (lb) | Mounting Holes Spacing mm [in] | Use With | Minimum Values mm [in] |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | R1 | R2 |
| KEY13 |  | Actuator tongue. Key with 90-degree bent mounting tab. | 0.1 | 22 [0.87] | SP2K and SDM2K series safety switches | 400 [15.75] | 400 [15.75] |
| KEY14 |  | Actuator tongue. Key with straight mounting tab. | 0.1 | 22 [0.87] |  | 400 [15.75] | 400 [15.75] |
| KEY15 |  | Actuator tongue. Key with 90-degree bent mounting tab. | 0.1 | 13 [0.51] |  | 400 [15.75] | 400 [15.75] |
| KEY16 |  | Actuator tongue. Key with straight mounting tab. | 0.1 | 13 [0.51] |  | 400 [15.75] | 400 [15.75] |
| KEY17 |  | Shock-absorbing actuator tongue. Key with 90 -degree bent mounting tab. | 0.1 | 15 [0.59] |  | 250 [9.84] | 350 [13.78] |
| KEY18 |  | Shock-absorbing actuator tongue. Key with straight mounting tab. | 0.1 | 15 [0.59] |  | 350 [13.78] | 350 [13.78] |
| KEY19 |  | Actuator tongue. Key with adjustable mounting tab. | 0.1 | 40 [1.57] |  | 180 [7.09] | 200 [7.87] |
| KEY35 |  | Actuator tongue. Key with 90-degree bent mounting tab. | 0.1 | 13 [0.51] | SBM2K and SCM2K series safety switches | 400 [15.75] | 400 [15.75] |
| KEY36 |  | Actuator tongue. Key with straight mounting tab. | 0.1 | 13 [0.51] |  | 400 [15.75] | 400 [15.75] |
| KEY39 |  | Actuator tongue. Key with adjustable mounting tab. | 0.1 | 40 [1.57] |  | 180 [7.09] | 200 [7.87] |



## Dimensions

mm[in]


## Comepi Safety Switches Accessories



| Saficty Limit Switches Cable Pull Accessories |  |  |  |
| :--- | :---: | :---: | :---: |
| Part Number | Price | Description | Weight <br> (lb) |
| OCC08 |  | Eye bolt | 0.2 |
| MOR05 |  | Cable Clamp | 0.1 |
| RED05 |  | Eye thimble | 0.0 |
| FUN05M015 |  | 15 meter length steel cable 5 mm diameter, <br> Red | 2.0 |
| FUN05M025 | 25 meter length steel cable, 5 mm diameter, | 3.3 |  |



All dimensions are in mm [in].

## FUN05M025

## Installation example



## Safety Products



Warning: Safety products sold by AutomationDirect are Safety components only. The purchaser/installer is solely responsible for the application of these components and ensuring all necessary steps have been taken to assure each application and use meets all performance and applicable safety requirements and/or local, national and/or international safety codes as required by the application. AutomationDirect cannot certify that our products, used solely or in conjunction with other AutomationDirect or other vendors' products, will assure safety for any application. Any person using or applying any products sold by AutomationDirect is responsible for learning the safety requirements for their individual application and applying them, and therefore assumes all risks, and accepts full and complete responsibility, for the selection and suitability of the product for their respective application.
AutomationDirect does not provide design or consulting services, and cannot advise whether any
specific application or use of our products would ensure compliance with the safety requirements for any application.


[^0]:    Notes:

    * K97 models do not support Rest Latch (R).
    **At center line, green ring on switch will be visible.

