

Switches & Pilot Lights

Selection Guide



| Series Name | A8 | AP | A6 | L6 | LB | LBW | CW | LW/LW Silhouette | HW | TW | TWND | Piezo |
|-----------------------------|---------------------|---|---|--|--|---|---|---|---|--|--|--|
| | | | | | | | | | | | | |
| Highlights | Miniature switches | Low maintenance pilot lights with wide voltage selections. Super bright AP22M | Snap action miniature unibody switch, standard or flush bezel | Illumination up to 120V AC, standard bezel | Space saving with removable contact blocks | Bold, clear flush mount lens with small footprint | Flush mount in industrial 22mm panel size | Prominent switches, unique key switch with LED ring | Versatile, wiping action industrial switch family | Metal octagonal locking ring with snap-on contact blocks | Heavy duty die cast operator with metal octagonal locking ring | Solid state switch, no moving parts; 316L stainless steel body |
| | | | | | Common Contact Blocks | | | | Universal Contact Blocks | | | |
| Panel Hole Size | Ø8mm | Ø8/10/12/16/22mm | Ø16mm | Ø16mm | Ø16mm (Ø18.2mm for flush mounts) | Ø22mm | Ø22mm | Ø22/25mm | Ø22mm | Ø22mm | Ø30mm | Ø22/30mm |
| Flush Mount Bezel | | | With 16/22mm adapter LB9Z-AS... | | ✓ | ✓ | ✓ | ✓ | | | | ✓ |
| Illuminated Pushbutton | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Pushbutton | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Pilot Light | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Pushbutton Selector | | | | ✓ | | | | | ✓ | | | |
| Selector Switch | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Illuminated Selector Switch | | | | | ✓ | | | ✓ | ✓ | ✓ | ✓ | |
| Key Switch | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Illuminated Key Switch | | | | | | | | ✓ | | | | |
| Mono Lever | | | | | | | | | ✓ | | ✓ | |
| Buzzer | | | | ✓ | ✓ | | | ✓ | ✓ | | | |
| Connection Terminals | Solder tab | Solder tab * AP22M Screw | Solder tab | PCB, Solder tab | PCB, Solder tab | PCB, Solder tab | Screw, Push-in | PCB, Solder tab, Screw | Screw, Push-in | Screw | Screw | Wire leads |
| Protection | IP40 | IP65. AP22M is also Type 4X | IP65 | IP65 | IP65 | IP65 | IP65 | IP65 | IP65, Type 4X | IP65, Type 4X | IP65, Type 4X | IP68 & IP69K |
| Contact Rating | 240V/0.5A 24V/1A | — | 220V/0.5A 24V/1A | 250V/2A 30V/3A | 250V/5A 30V/5A | 250V/5A 30V/5A | 240V/6A 24V/8A | 250V/2A 30V/2A | 440V/2A 110V/10A 24V/10A | 440V/2A 110V/10A 24V/10A | 440V/2A 110V/10A 24V/10A | 24V/1A |
| Search Word | IDEC A8 | IDEC AP Pilot, IDEC AP22M | IDEC A6 | IDEC L6 oversize | IDEC LB | IDEC LBW | IDEC CW | IDEC Silh | IDEC HW | IDEC TW | IDEC TWND | IDEC Piezo |
| Approvals | UL, CSA | UL, CSA, CE | UL, CSA, CE, CCC | UL, CSA, CE, TÜV | UL, CSA, CCC, CE, TÜV | UL, CSA, CCC, CE, TÜV | UL/c-UL, CE, CCC | UL, CSA, CE, TÜV | UL, CSA, CCC, CE, TÜV | UL, CSA, CCC, CE, TÜV | UL, CSA, CCC, CE, TÜV | CE |

E-Stops & Stop Switches

Selection Guide



| | Emergency Stop Switches | | | | | | | | | |
|---|------------------------------|----------------------------|------------------------------|------------------------------|--|--|-----------------------------------|---|-------------------------------------|---|
| | Series Name | H6 | X6 | XA | | HW | | XW | XN | |
| Panel Hole Size | Ø16mm | Ø16mm | Ø16mm | | Ø22mm | | Ø22mm | Ø30mm | | Ø30mm |
| Mushroom Size | Ø25mm | Ø30/40mm | Ø30/40mm | | Ø30/40/60mm | Ø40mm | Ø40/60mm | Ø40/60mm | Ø44mm | Ø40mm |
| | | | | | | | | | | |
| E-Stops Non-Illuminated - removable contact block | HA1B-V2E... HA1E-V2S... | — | — | XA1E-BV3... XA1E-BV4... | HW1B-V3... HW1B-V4... HW1B-X4...(Key reset) HW1B-V5... HW1B-Y2...(Push/Pull) | — | XW1E-BV4... XW1E-BV5... | XN1E-BV4... XN1E-BV5... XN5E-BV4...(low profile) | XN4E-BL4... | EU2B-YBV3... (Certified for hazardous location applications) |
| E-Stops Illuminated - removable contact block | — | — | — | XA1E-LV3... XA1E-LV4... | — | — | XW1E-LV4... XW1E-TV4... | XN1E-LV4... XN1E-TV4... XN5E-LV4...(low profile) XN5E-TV4...(low profile, Push-on) | XN4E-LL4... XN4E-TL4...(Push-on) | — |
| Unibody E-Stops Non-Illuminated | — | AB6E-3BV... AB6E-4BV... | — | XA1E-BV3U... XA1E-BV4U... | — | HW1E-BV4... | — | — | — | — |
| Unibody E-Stops Illuminated | — | — | — | — | — | HW1E-LV4... HW1E-TV4... | — | — | — | — |
| Reset Style | Pushlock Turn Reset | Pushlock Pull/Turn Reset | Pushlock Pull/Turn Reset | Pushlock Pull/Turn Reset | Pushlock Turn Reset | Pushlock Turn Reset | Pushlock Pull/Turn Reset | Pushlock Pull/Turn Reset | Pushlock Turn Reset | Pushlock Pull/Turn Reset |
| Connection Terminals | Solder tab, PCB | Solder tab | Solder tab | Screw, PCB | Screw | Screw | Screw, Solder tab, PCB, Connector | Screw | Screw | Screw |
| Max. Number of Contacts | 2 | 2 | 2 | 4 | 4 | 2 | 4 | 4 | 4 | 3 |
| Depth Behind Panel | 45mm (HA1B) 28.5mm (HA1E) | 19.5mm | 19.5mm | 30.4mm | 49.4mm (1-2 contacts) 69.4mm (3-4 contacts) | 48mm (HW1E-BV) 63mm (HW1E-LV) | 48.7mm | 47.7mm (XN1E) 60.4mm (XN5E) | 61.4mm | 67mm |
| E-Stop Shrouds | XA9Z-KG1 | | | | HW9Z-KG1 HW9Z-KG2 HW9Z-KG3 HW9Z-KG4 | | | XN9Z-KG1 | | — |
| E-Stop Nameplate | HAAV | | | | HNAV | | | HNAV | | EU9Z-NVS0, EU9Z-NVS27 |
| E-Stop Box | — | | | | FB1W Series | | | — | | — |
| Stop Switches | | | | | | | | | | |
| Series Name | | X6 | XA | | HW | TW | | TWND | | |
| Panel Hole Size | — | Ø16mm | Ø16mm | — | Ø22mm | Ø22mm | — | Ø30mm | — | — |
| Mushroom Size | — | Ø30/40mm | Ø30/40mm | — | Ø30/40/60mm | Ø30/40/60mm | — | Ø40mm | — | — |
| Stop Switches Non-Illuminated | — | AB6E Yellow | XA1E Yellow XA1E Gray | — | HW1B-A3... HW1B-A4... HW4B-A3... HW4B-A4... | AVW series AYW series AXW series | — | AVD series AYD series | — | — |
| Stop Switches Illuminated | — | — | — | — | HW1L-A4... HW4L-A4... | AVLW series AYLW series | — | AVLD series AYLD series | — | — |