

# 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	PCB, Solder tab, Screw	Screw	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



Series Name	H6	X6	XA		HW		XW	XN		HN	EU2B	
Panel Hole Size	Ø16mm	Ø16mm	Ø16mm		Ø22mm		Ø22mm	Ø30mm		Ø30mm	Ø30mm	
Mushroom Size	Ø25mm	Ø30/40mm	Ø30/40mm		Ø30/40/60mm	Ø40mm	Ø40/60mm	Ø40/60mm	Ø44mm	Ø40mm	Ø40mm	
						Non-Illuminated  Illuminated 			 Padlockable	Non-Illuminated  Illuminated 		
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...	—	—	—	—	—	HN1E-BV4...	—	
Unibody E-Stops Illuminated	—	—	—	—	—	—	—	—	—	HN1E-LV4...	—	
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 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	Screw	
Max. Number of Contacts	2	2	2	4	4	2	4	4	4	2	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	63mm	67mm	
E-Stop Shrouds	XA9Z-KG1 				HW9Z-KG1 HW9Z-KG2 HW9Z-KG3 HW9Z-KG4 				XN9Z-KG1 		—	—
E-Stop Nameplate	HAAV				HNAV				HNAV			
E-Stop Box	—				FB1W Series 				—			
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... 	AWW series AYW series AXW series 	—	AVD series AYD series 	—	—	—	
Stop Switches Illuminated	—	—	—	—	HW1L-A4... HW4L-A4... 	AVLW series AYLW series 	—	AVLD series AYLD series 	—	—	—	