

**Accessories**
**Switches & Pilot Lights**
**Display Lights**
**Relays & Sockets**
**Timers**
**Terminal Blocks**
**Circuit Breakers**

Appearance		Description	Used With	Part Number
Locking Ring Wrench		Made of metal. Used for tightening plastic locking ring during installation. Tightening torque should not exceed 3kgf-cm	Ø 5/8" (16mm) units	MT-001
			Ø 31/64" (12mm) AP2M units	MT-002
			Ø 13/32" (10mm) AP1M units	MT-003
Lens Removal Tool		Made of metal. Used for removing lens or button from the housing	All pushbuttons and pilot lights	MT-101
Lamp Holder Tool		Made of rubber. Used for removing and replacing LED lamps in illuminated units	All illuminated pushbuttons and pilot lights	OR-77
Switch Guard		Prevents inadvertent switch operation. IP40 dust-tight. 90 degrees opening maintained	Round/Square	AL-K6
			Rectangular	AL-KH6
			Prevents inadvertent switch operation. IP65 oiltight 180 degrees opening, spring return	Round/Square
			Rectangular	AL-KH6SP
Terminal Cover		Made of translucent nylon. Fits over and shields the terminals	All 5/8" (16mm) units	AL-V6
Dust Cover		Fits over the lens or button to provide extra protection from dust (not applicable for oversize lenses or buttons).	All round units	AL-D6
			All square units	AL-DQ6
			All rectangular units	AL-DH6
Adaptor Socket		Plug-on terminal adaptor with solder terminals		AL-C6
		Plug-on terminal adaptor with PCB terminals	All 5/8" (16mm) units	AL-C6V
Mounting Hole Plug		Fills unused panel cutouts. Made of nitrile rubber. Push-in installation from front of panel. IP65 (oiltight).	Rubber	AL-B6
		Fills unused panel cutouts. Made of aluminum. Screw-on locking ring from inside of panel. IP65 (oiltight).	Aluminum	AL-BM6
		Round Mounting Hole Plug	Plastic (Applicable for flush mount switches only)	LA9Z-BS6
		Square Mounting Hole Plug		LA9Z-BS7
		Rectangular Mounting Hole Plug		LA9Z-BS8
Replacement LED Lamps		LED with built in current limiting resistor (with all illuminated assemblies).	5V DC	LATD-5 ☉
			6V AC/DC	LATD-6 ☉
			12V AC/DC	LATD-1 ☉
			24V AC/DC	LATD-2 ☉
Replacement Locking Ring		Fastens operators to panel (included with all operators).	All switches & pilot lights	HA9Z-LN
Anti-Rotation Ring		Prevents rotation of switches in panel (included with all operators).	All switches & pilot lights	AL6-LP
Replacement Engraving Inserts		Engraving plates to allow legends underneath translucent lenses (included with all lenses).	Round standard	AL6M-W
			Square standard	AL6Q-W
			Rectangular standard	AL6H-W
			Round oversize	AL6M-MW
			Square/rectangular oversize	AL6Q-QW
Replacement Keys		Pair of keys (#132). All key switches use same standard key.	All key selectors	AS6-SK

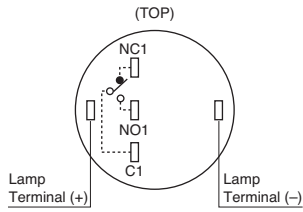
1. In place of ☉ specify color code. A=Amber, G=Green, Y=Yellow, R=Red, S=Blue, W=Warm White, JW=Cool White.  
 2. LEDs include built-in current limiting resistor and reverse polarity protection diode.

Appearance	Description	Used With	Part Number
Flush Bezel	ø24mm round, metal (aluminum color), panel cut-out ø20.2mm	Pushbuttons, pilot lights, illuminated pushbutton, selector switches, key selector switches and illuminated selector switches.  A6 Switch + Flush Bezel = Flush Switch	LA9Z-SM61
	ø24mm round, plastic (black), square panel cut-out ø20.2mm		LA9Z-S61B
	24mm square, plastic (black), panel cut-out 20.2 x 20.2mm		LA9Z-S71B
	24 x 30mm rectangular, plastic (black), rectangular panel cut-out ø20.2 x 26.2mm		LA9Z-S81B
Switch Guard w/ Flush Bezel (spring return)	Rectangular, plastic (black)		LA9Z-KS8

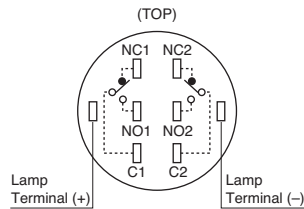
Schematics — A Series: 5/8" (16mm)

Terminal Arrangement (Top View)

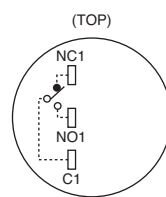
Illuminated Pushbuttons



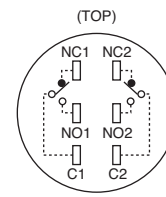
SPDT Contact (Single-pole/Double Throw)



DPDT Contact (Double-pole/Double Throw)

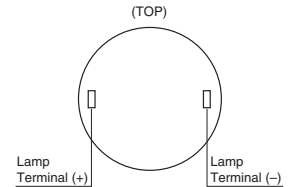


SPDT Contact (Single-pole/Double Throw)



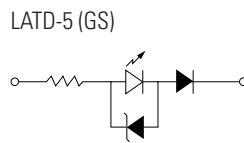
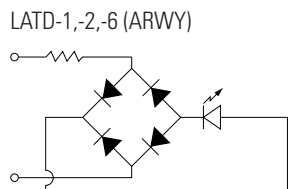
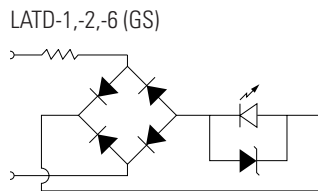
DPDT Contact (Double-pole/Double Throw)

Pilot Lights



Non-illuminated Pushbuttons and Selector Switches

IDEC's Superbright LED Internal Circuits



- LED Chip
- Protective Diode
- Zener Diode

