

LOW COST, SNAP-IN TOGGLE FOR WET & DUSTY ENVIRONMENTS, 1 & 2 POLES

The K4 series snap-in toggle switches are rugged, high performance sealed switches designed for use under severe conditions found in marine, appliance, heavy equipment and industrial control applications. They are totally sealed so the switch can withstand direct water spray and submersion, even during operation. Sealed to IP68S with an optional panel seal available.

The K4 series is offered in single and double pole configurations. Toggle action includes 2 and 3-position, momentary and maintained operation in a combination of 13 variations.

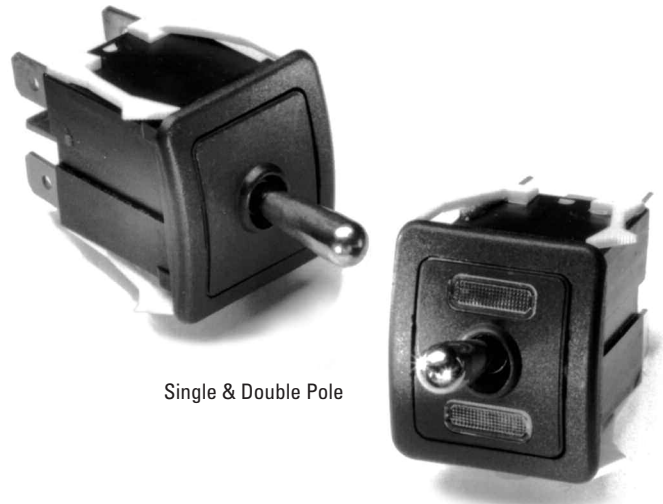
Mounting is simple and quick; snaps into panel from the front. The OTTO snap-in design supports a variety of panel thicknesses with just one cutout size specified.

Existing unsealed applications are easily upgraded to sealed functionality because the K series drops into existing panel cutouts.

A choice of models are offered to handle current from 16 amps to low level electronic switching levels.

Features:

- Withstands direct water spray
- Sealed to IP68S
- Fits industry standard panel openings for drop-in replacement of panel sealed & unsealed switches
- Snap-in feature accommodates a wide range of panel cutouts
- Switches up to 16 amps
- UV & solvent resistant
- Withstands extreme shock & vibration
- Legends & illuminated function indicators available
- 2 & 3-position, momentary, maintained action and center OFF
- RoHS & WEEE compliant



Single & Double Pole

LED, Neon or Incandescent Illumination

Standard Characteristics/Ratings:		
ELECTRICAL RATINGS:		
Load	Sea Level @ 28VDC or 125/250VAC, 60Hz	Cycles
Resistive	16A	25,000
Resistive	10A	50,000
Inductive	10A	25,000
Lamp	5A	25,000
Motor	0.5HP	25,000
DVV	1050Vrms except across light terminals	
Low Level	10mA @ 30mV	100,000
Electrical Life:	See Rating Chart	
LIGHTING:		
Light Source	Rating	
Incandescent	(VDC) 6V, 12V, 24V	
Neon	(VAC) 125V, 250V	
LED	(VDC) 2V, 6V, 12V, 24V	
Mechanical Life:	100,000 cycles	
Seal:	IP68S	
Operating Temp Range:	-30°C to +85°C	
MATERIALS:		
Case:	Thermoplastic	
Toggle:	Stainless steel	
Terminals/Contact:	Brass, silver alloy with silver plate, gold plate for low level	
Terminal Hardware:	Screws and lockwashers provided when applicable K4 series recommended Quick Connect terminals: AMP 60253-2 for 12-16 AWG AMP 42100-2 for 14-18 AWG	
Mounting Hardware:	None provided	

SEALED, ILLUMINATED SNAP-IN TOGGLE

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K4 Series

RECOMMENDED PANEL THICKNESS: .025 MIN. - .187 MAX.
DIMENSION SHOWN FOR .125 THK PLASTIC PANEL.
SPECIFIC PANEL OPENING DIMENSION RANGE
DEPENDENT ON PANEL THICKNESS AND MATERIAL.

TERMINAL STYLES
ALL TERMINALS ARE .032 THICK

SCREW	QUICK CONNECT	SOLDER LUG

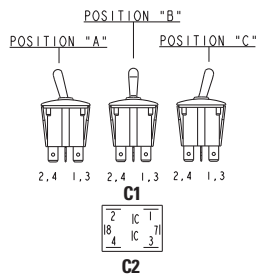
K4 SERIES PART NUMBER CODE

K4	X	X	X	X	X	X	X				
Terminal Style/ Switch Rating	Actuator Style	Switch Action/Circuit		Light Type	Lens Color		Light/Circuit Location	Legend & Orientation ⊕			
A. Q.C./Std. B. Screw/Std. C. Solder/Std. D. Q.C./Low Level E. Screw/Low Level F. Solder/Low Level	A. Bat Handle	Position "A"	Position "B"	Position "C"	Circuit	A. No Light B. 6V Incandescent C. 12V Incandescent D. 24V Incandescent E. 125VAC Neon F. 250VAC Neon G. 2V Red LED H. 2V Green LED J. 2V Amber LED K. 6V Red LED L. 6V Green LED M. 6V Amber LED N. 12V Red LED P. 12V Green LED Q. 12V Amber LED R. 24V Red LED S. 24V Green LED T. 24V Amber LED	Position "A"	Position "B"	A. No Lens B. Red C. Green D. Amber E. Clear	A. No Light B. Dependent Light ON in position "A" Wired to terms 1 & 7 C. Dependent Light ON in position "C" Wired to terms 2 & 8 D. Independent Light at position "A" Wired to terms 7 & 8 E. Independent Light at position "A" Wired to terms 7 & 8 F. Independent Light at position "A" Wired to terms 3 & 7 G. Independent Light at position "C" Wired to terms 4 & 8 H. Independent Light at position "C" Wired to terms 2 & 8 J. Independent Light at position "A" Wired to terms 3 & 7 K. Independent Light at position "C" Wired to terms 4 & 8 L. Not available in DP	A. No Legend B. Legend C. Legend D. Legend E. Legend F. Legend G. Legend H. Legend J. Legend K. Legend L. Legend M. Legend N. Legend P. Legend R. Legend

NOTE: () denotes momentary action.

Optional Panel Gasket:
P/N 807038-1 0.062" thickness
P/N 807038-2 0.031" thickness

K4 Connector P/N C801765



- NOTES:**
- No momentary switches with dependent lights.
 - Neon lamps only to be coded with clear or amber lenses.
 - LED lenses must be clear or same color as LED.
 - No legends on lamp side of switch.
 - No dependent light in OFF positions.
 - All legends printed on actuators without lens(es) will be white except actuator codes C, F, J, M & R.
 - All legends printed on lenses will be white except on clear lens(es) will be black.

NOTE: LED anode (+) terminal number shown in **bold**.

D = Dependent Light
I = Independent Light

⊕ All legends are white. Legend cannot be on the same side as the lens.

ORDERING INFORMATION

Example: K4AAKEEABA specifies Q.C. terminals, standard rating; bat handle; DPST two position momentary ON, maintained OFF; 125VAC neon light; clear lens in positions "A", no lens in position "C"; dependent light ON in position "A", wired to terminals 1 & 7; no legend.