

K1 Series PART NUMBER CODE

K 1 X X X X X X X X

Terminal Style/ Switch Rating	Actuator Color/Style	Switch Action/Circuit			Circuit	Light Source Type	Lens Color		Light Circuit Location	Legend and Orientation ①
		Position "A"	Position "B"	Position "C"			Position "A"	Position "C"		
A. Q.C./Standard	A. Red Rocker	A. ON	None	OFF	SPST	A. No Illumination	A. No Lens	A. No Lens	<p>D = Dependent Light I = Independent Light</p>	
B. Screw/Standard	B. Black/Rocker	B. ON	None	ON	SPDT	B. 6V Incandescent	B. Red	B. Red		
C. Solder/Standard	C. White/Rocker	C. MOM-ON	None	OFF	SPST	C. 12V Incandescent	C. Green	C. Green		
D. Q.C./Low level	D. Red/Paddle	D. MOM-ON	None	ON	SPDT	D. 24V Incandescent	D. Amber	D. Amber		
E. Screw/Low level	E. Black/Paddle	E. MOM-ON	OFF	MOM-ON	SPDT	E. 125VAC Neon	E. Clear	E. Clear		
F. Solder/Low level	F. White/Paddle	F. ON	OFF	ON	SPDT	F. 250VAC Neon	All LEDs have clear or same color lens.	All LEDs have clear or same color lens.		
For custom colors, contact factory		G. MOM-ON	OFF	ON	SPDT	G. 2V Red LED	All neon have clear or amber lens.	All neon have clear or amber lens.		
		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								

K2 Series PART NUMBER CODE

K 2 X X X X X X X X

Terminal Style/ Switch Rating	Actuator Color/Style	Switch Action/Circuit			Circuit	Light Source Type	Lens Color		Light Circuit Location	Legend and Orientation ①
		Position "A"	Position "B"	Position "C"			Position "A"	Position "C"		
A. Q.C./Standard	A. Red Rocker	A. ON	None	OFF	SPST	A. No Illumination	A. No Lens	A. No Lens	<p>D = Dependent Light I = Independent Light</p>	
B. Screw/Standard	B. Black/Rocker	B. ON	None	ON	SPDT	B. 6V Incandescent	B. Red	B. Red		
C. Solder/Standard	C. White/Rocker	C. MOM-ON	None	OFF	SPST	C. 12V Incandescent	C. Green	C. Green		
D. Q.C./Low level	D. Red/Paddle	D. MOM-ON	None	ON	SPDT	D. 24V Incandescent	D. Amber	D. Amber		
E. Screw/Low level	E. Black/Paddle	E. MOM-ON	OFF	MOM-ON	SPDT	E. 125VAC Neon	E. Clear	E. Clear		
F. Solder/Low level	F. White/Paddle	F. ON	OFF	ON	SPDT	F. 250VAC Neon	All LEDs have clear or same color lens.	All LEDs have clear or same color lens.		
For custom colors, contact factory		G. MOM-ON	OFF	ON	SPDT	G. 2V Red LED	All neon have clear or amber lens.	All neon have clear or amber lens.		
		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								

ORDERING INFORMATION
 Example of building an OTTO Rocker switch part number:
 K2ACKEEABA specifies a double wide housing, Q.C. terminals, standard rating; white rocker; 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.

① All legends will be white except for actuator codes C and F which will be black.

D 85E ■ 6834416 0000472 T04 ■

Quality Features:

- Withstands direct water spray.
- Submersible. Designed to meet IP68.
- Fits industry standard panel openings for drop-in replacement of panel sealed and unsealed switches.
- Snap-in feature accommodates a wide range of panel cut-outs.
- Switches up to 16 Amps.
- UV and Solvent resistant.
- Withstands extreme shock & vibration
- Custom legends available.
- 2- & 3-position, momentary and maintained action.
- Incandescent, LED and neon illumination with independent and dependent light source options.

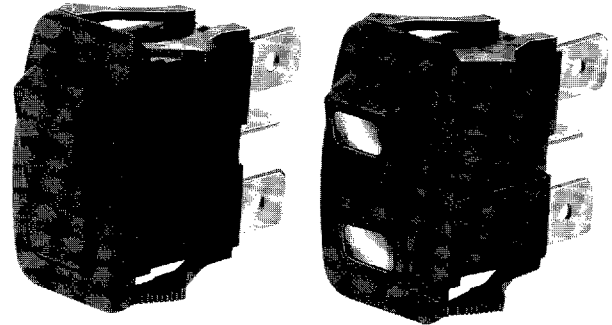
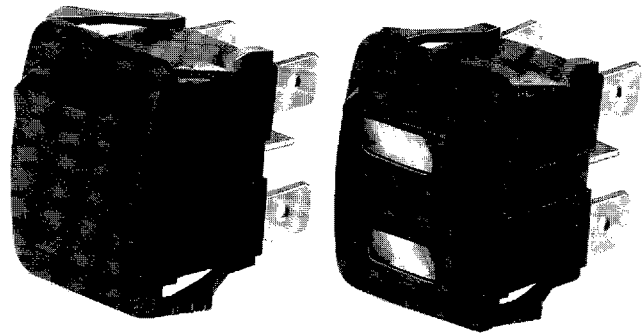
The K series rockers are rugged, high performance sealed switches designed for use under severe conditions found in marine, appliance, heavy equipment and industrial control applications. They are totally sealed so the switch can withstand direct water spray and submersion, even during operation. They are designed to meet the international submersion specification level IP68. An optional panel seal is also available.

The K1 series is offered in single pole configuration while the K2 series is available in single and double pole configurations. Both series offer illuminated models. Illumination can be independent or dependent of the switch position or a combination of both. A choice of red, green, clear or amber colored lens are offered in illuminated models. Illumination options include incandescent, LED or neon light sources.

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 cut out size specified; other manufacturers require trial-and-error cut out sizing.

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

A choice of models are offered to handle power levels to 16 amperes, 1/2HP and low level electronic switching applications.

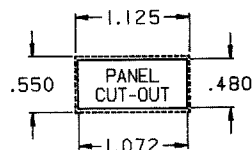
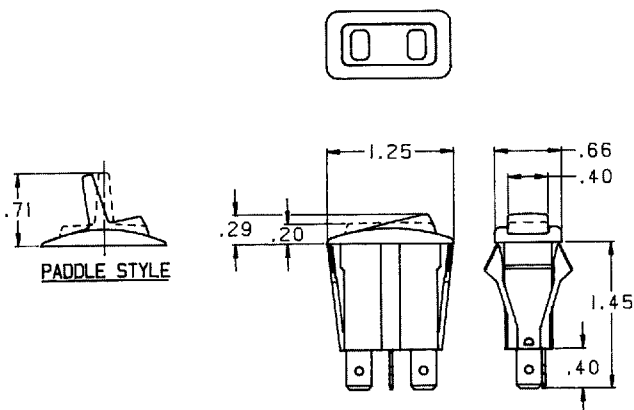
K1 Series
Single PoleK2 Series
Single & Double Pole**Standard Characteristics/Ratings:****OPERATIONAL:****Mechanical Life:** 100,000 cycles, minimum**Seal:** Waterproof, submersible to IP68.**Temperature Range:** -30°C to +85°C**Button & Case:** Thermoplastic**Terminals:** Copper alloy.**Contacts:** Fine Silver/Silver cad. oxide.**ELECTRICAL:** (at 28 VDC or 115 VAC, 60/400 Hz.)

Load	Rating	Life (Min.)
Resistive	16A	25,000 cycles
Resistive	10A	50,000 cycles
Inductive	10A	25,000 cycles
Lamp	5A	25,000 cycles
Motor	1/2 HP	25,000 cycles

Dielectric Withstand: 1500V_{rms}

K1 Series

Snap-in feature accommodates a wide range of panel cut-outs from .480" to .550" X 1.072" to 1.125".

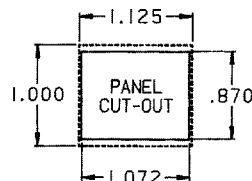
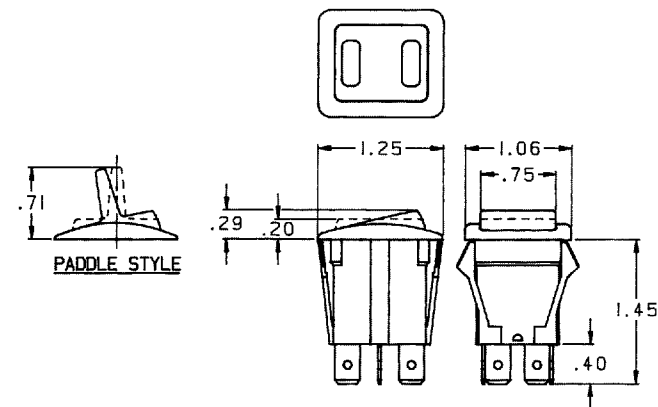


PANEL THICKNESS: .025 MIN. - .187 MAX.
RECOMMENDED PANEL: 1.072 X .480

TERMINAL STYLES		
SCREW	QUICK CONNECT	SOLDER LUG
ALL TERMINALS .032 THK.		

K2 Series

Snap-in feature accommodates a wide range of panel cut-outs from .870" to 1.000" X 1.072" to 1.125".



PANEL THICKNESS: .025 MIN. - .187 MAX.
RECOMMENDED PANEL: 1.072 X .870

TERMINAL STYLES		
SCREW	QUICK CONNECT	SOLDER LUG
ALL TERMINALS .032 THK.		