

SEALED, ILLUMINATED ROCKER SWITCHES

LOW COST, SNAP-IN ROCKER FOR WET AND DUSTY ENVIRONMENTS; 1 AND 2 POLES

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 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.

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

OTTO can provide custom colors upon request. Value-added assemblies with wire leads are also available. Please consult the factory for assistance.

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
- UL and CSA recognized



K1 Series
Single Pole



K2 Series
Single & Double Pole



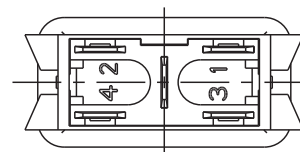
Standard Characteristics/Ratings:		
OPERATIONAL:		
Mechanical Life:	100,000 cycles, minimum	
Seal:	Watertight, submersible to IP68	
Temperature Range:	-30°C to +85°C	
Button & Case:	Thermoplastic	
Terminals:	Brass alloy	
Contacts:	Fine Silver/Silver Cad. oxide	
ELECTRICAL: (at 28 VDC or 125 VAC)		
LOAD	RATING	LIFE (Min.)
Resistive	16A	25,000 cycles
Resistive	10A	50,000 cycles
Inductive	10A	25,000 cycles
Lamp	5A	25,000 cycles
Motor	1/2HP	25,000 cycles
Dielectric Withstand: 1050V rms — Except across light terminals		

SEALED, ILLUMINATED ROCKER SWITCHES

LOW COST, SNAP-IN ROCKER FOR WET AND DUSTY ENVIRONMENTS; 1 AND 2 POLES

K1 Series PART

K1	X	X	X
	Terminal Style/ Switch Rating	Actuator Color/Style	Switch Action/Circuit
A. Q.C./Standard	A. Red/Rocker	Position Code	Position "A"
B. Screw/Standard	B. Black/Rocker	A. ON	None
C. Solder/Standard	C. White/Rocker	B. ON	None
D. Q.C./Low level	D. Red/Paddle	C. MOM-ON	None
E. Screw/Low level	E. Black/Paddle	D. MOM-ON	None
F. Solder/Low level	F. White/Paddle	E. MOM-ON	OFF
G. P.C. Pin/Standard	G. Red/Rocker Pinned	F. ON	OFF
H. P.C. Pin/Low level	H. Black/Rocker Pinned	G. MOM-ON	OFF
	J. White/Rocker Pinned		MOM-ON
	K. Red/Short Paddle Pinned		ON
	L. Black/Short Paddle Pinned		ON
	M. White/Short Paddle Pinned		ON
	N. Red/Standard Paddle Pinned		ON
	P. Black/Standard Paddle Pinned		ON
	R. White/Standard Paddle Pinned		ON
	T. Red/Short Paddle		ON
	U. Black/Short Paddle		ON
	V. White/Short Paddle		ON



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 dependent light in OFF positions
- All legends will be white except for actuator codes C, F, J, M, R, and V will be black
- K1 panel plug part number C401561 D_

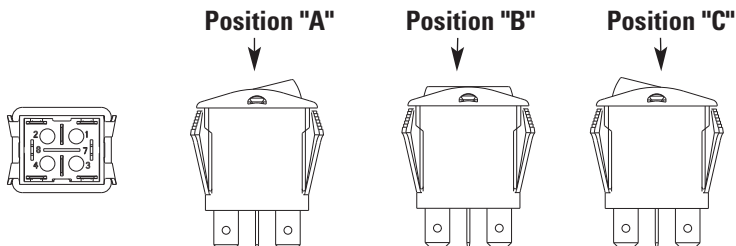
NUMBERING CODE

A. None

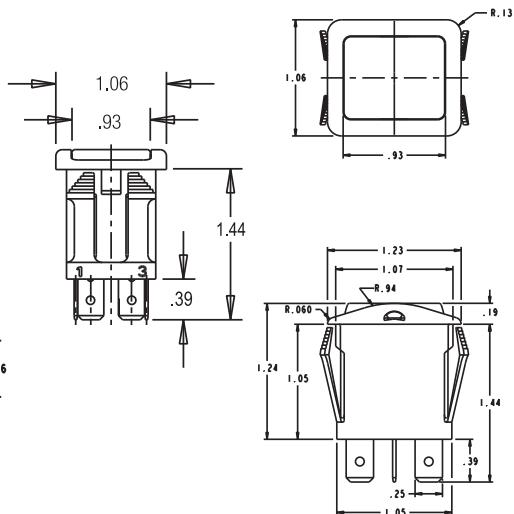
- | SCREW | QUICK CONNECT | SOLDER LUG | P.C. PIN |
|-------|---------------|------------|----------|
| | | | |

K2 Series PART

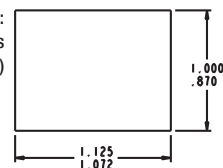
For custom colors,
contact factory.



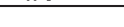
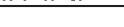
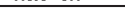
SHORT PADDLE STYLE ROCKER



Recommended panel thickness:
.125 Optimum thickness
(.025 min – .187 max)



TERMINAL STYLES
ALL TERMINALS ARE .032 THICK

SCREW	QUICK CONNECT	SOLDER LUG
 <p>Ø6-32 THD</p> <p>.25</p>	 <p>Ø .080</p> <p>.25</p>	 <p>Ø .11</p> <p>.25</p>

SEALED, ILLUMINATED ROCKER SWITCHES

LOW COST, SNAP-IN ROCKER FOR WET AND DUSTY ENVIRONMENTS; 1 AND 2 POLES

NUMBERING CODE

X

X

X

X

Lens Color

Light/Circuit Location

Legend and Orientation

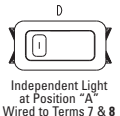
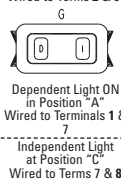
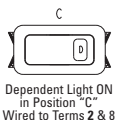
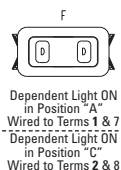
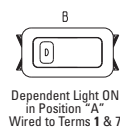
**Position
"A"**

**Position
"C"**

- A.** No Lens
- B.** Red
- C.** Green
- D.** Amber
- E.** Clear

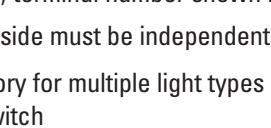
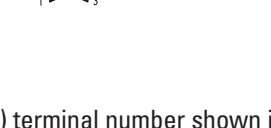
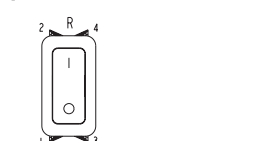
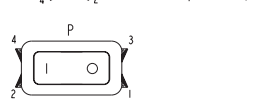
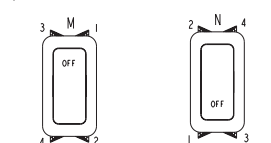
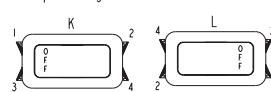
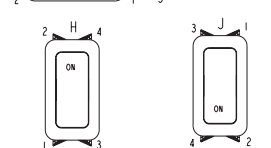
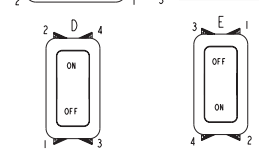
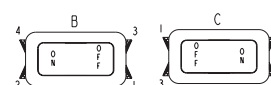
- A.** No Lens
- B.** Red
- C.** Green
- D.** Amber
- E.** Clear

A. No Light



**D=Dependent
I=Independent**

A. None



NOTES

- No momentary switches with dependent lights
- Neon lamp only to be coded with clear or amber lenses
- LED lenses must be clear or same color as the lens
- No dependent light in OFF positions
- All legends will be White except for actuator code C, F, J, M & R will be Black

- **K2 Connector part number C801765**
- **Recommended Quick Connect Terminals:**
 - AMP 60253-2 for 12-16 AWG wire with .160"-.210" insulation OD
 - AMP 42100-2 for 14-18 AWG wire with .100"-.170" insulation OD
- **K2 Panel Plug part number C100695-2**

- LED anode (+) terminal number shown in bold
- Light on OFF side must be independent
- Contact factory for multiple light types in the same switch