SEALED, ILLUMINATED ROCKER SWITCHES

LOW COST, SNAP-IN ROCKER FOR WET & DUSTY ENVIRONMENTS

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. Sealed to IP68S with an optional panel gasket 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 lenses 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 cutout size specified.

A choice of models are offered to handle power levels to 16 amps, 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.

Features:

- Withstands direct water spray
- Watertight 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
- Custom legends available
- 2 & 3-position, momentary & maintained action
- Incandescent, LED & neon illumination with independent & dependent light source options
- UL recognized & CSA certified
- Ignition protected
- RoHS/WEEE/Reach compliant





K2 Series Single & Double Pole

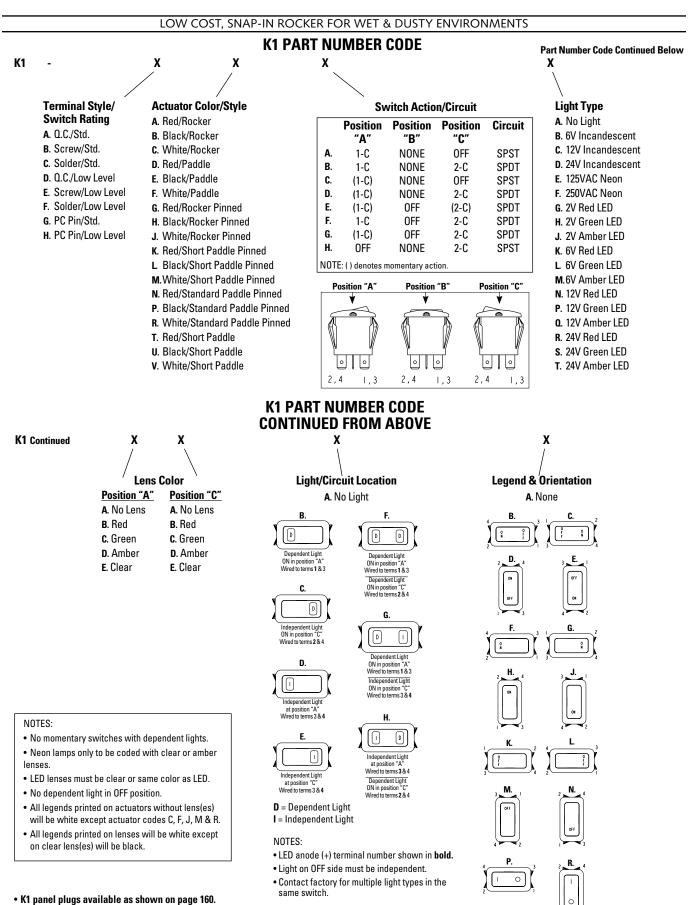


Standard Characteristics/Ratings:

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		
DWV	1050Vrms except across light to	erminals		
Low Level	10mA @ 30mV			
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			
Button:	Thermoplastic			
Base:	Thermoplastic			
Terminals/Contact:				
Terminal Hardware:	Screws and lockwashers provided when applicable K1/K2 series recommended Quick Connect terminals: AMP 60253-2 for 12-16 AWG AMP 42100-2 for 14-18 AWG			
Mounting Hardware:	None provided			

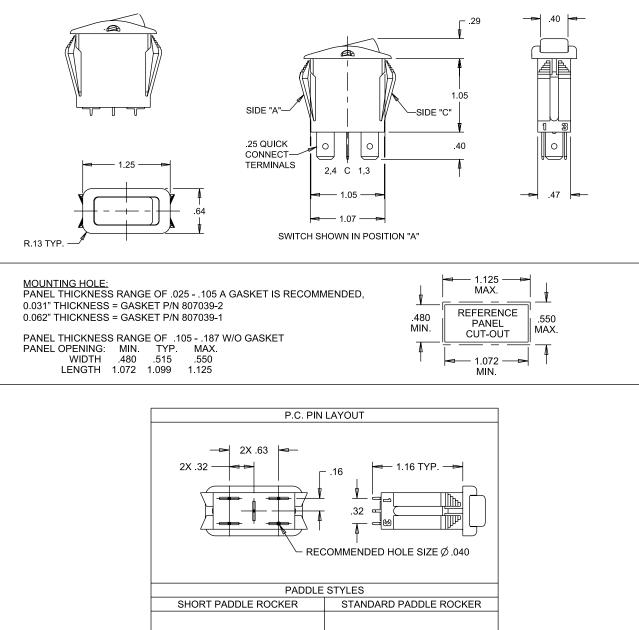
K1 snap-in rockers

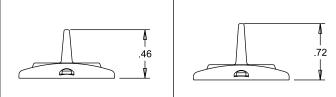
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TERMINAL STYLES (.032 THICK)									
SCREW	QUICK CONNECT	SOLDER	P.C. PIN						
#6-32 THD 7	Ø.08	Ø.11							

SNAP-IN PANEL MOUNTING

Standard Legends Per SAE Specifications

	STANDARD LEGENDS PER SAE SPECIFICATIONS							
A1	Ļ	ANCHOR	K2	Ū	UNLOCK	P5	Ś	BILGE BLOWER
B1	- +	BATTERY	L1	٢	LIGHT	R1	1	LIFT
B2	4	ELECTRIC POWER	L2	-̈̈́Q-	MASTER LIGHTING SWITCH	R2	╝	LOWER
C1	\$	AC/COOLING SYSTEMS	L3		HEADLIGHTS	R3	t	UP
C2	¥	DEHUMIDIFIER	L4	≣D	HEADLIGHTS-LOW / DIPPED BEAM	R4	ł	DOWN
C3	<u>}}}</u>	HEATER/INTERIOR HEATING	L5	ΞD	HEADLIGHTS-HIGH / UPPER BEAM	R5	-	RIGHT
D1	Ŵ	WINDSHIELD DEFROSTER	L6	P≑	PARKING LIGHT	R6	-	LEFT
D2	(]]	REAR WINDOW DEFROSTER	L7	Ą	WORK LAMP	R7	FWD	FORWARD
D3		MIRROR DEFROSTER	L8	Ŵ	WORK LAMP	R8	REV	REVERSE
E1	\bigcirc	ENGINE/START	L9	深	INTERIOR DOME LIGHT	S1	-	RADIO
E2	\heartsuit	ENGINE/STOP	M1	Ţ	BEACON	S2	3	MUTE
E3		ON/START	M2	\triangle	HAZARD/POSITION LIGHTS	T1	4	FAST
E4	Ο	OFF/STOP	M3	∌€	CLEARANCE LIGHTS	Т2	-	SLOW
E5	ON	ON	M4	Ð	SIDE MARKER LIGHT	тз	†	TRIM TAB / TRIMMING OPERATION
E6	OFF	OFF	M5	- <u>Ö</u> -	RUNNING LIGHTS (UNDER POWER)	T4	0	TRANSMISSION
E7	⊕	ENGINE ELECTRIC PREHEAT	M6	-@-	ANCHOR LIGHT	V1	F	VENTILATING / AC FAN
E8	٢	ENGINE-GAS INJECTION	M7	₹/ ₩	RUNNING/ANCHOR LIGHTS	W1	\mathcal{P}	WINDSHIELD WIPER
F1	朷	FRONT FOG LIGHTS	M8	毣	SEARCH LIGHT	W2	\mathfrak{F}	WINDSHIELD-WASHER
F2	Qŧ	REAR FOG LIGHTS	M9	¢	LEFT TURN SIGNAL	WЗ	$\widehat{\Phi}$	WINDSHIELD-WASHER/WIPER
G1	Ð	FUEL	MA	\$	RIGHT TURN SIGNAL	W4	Ċ	REAR WINDOW WIPER
H1	Þ	HORN	P1	Φ_1	BILGE PUMP #1	W5	Ф	REAR WINDOW-WASHER
H2	۳	HORN REAR	P2	Φ_2	BILGE PUMP #2	W6	¢	REAR WINDOW-WASHER/WIPER
K1		LOCK	P3	Φ_3	BILGE PUMP #3	zz		NO LEGEND
			P4	Φ	BILGE PUMP			

For legends not shown, please consult an OTTO representative.