

# KI SERIES PART NUMBER CODE

REV	QCN	DATE	APP
1	02446	11 AUG 68	JBC
2	02631	114 OCT 68	JBC
3	026529	02 NOV 68	JBC
4	026743	21 NOV 68	JBC
5	011387	15 JAN 62	TED
6	017153	04 APR 63	TP

### TERMINAL STYLE AND SWITCH RATING:

- A = O.C. STANDARD
- B = SCREW/STANDARD
- C = SOLDER/STANDARD
- D = O.C./LOW LEVEL
- E = SCREW/LOW LEVEL
- F = SOLDER/LOW LEVEL
- G = P.C. PIN/STANDARD
- H = P.C. PIN/LOW LEVEL

### ACTUATOR STYLE:

- A = RED/ROCKER
- B = BLACK/ROCKER
- C = WHITE/ROCKER
- D = RED/PADDLE
- E = BLACK/PADDLE
- F = WHITE/PADDLE
- G = RED/ROCKER PINNED
- H = BLACK/ROCKER PINNED
- J = WHITE/ROCKER PINNED
- K = RED/SHORT PADDLE PINNED
- L = BLACK/SHORT PADDLE PINNED
- M = WHITE/SHORT PADDLE PINNED

SWITCH ACTION/CIRCUIT				
CODE	POSITION "A"	POSITION "B"	POSITION "C"	CIRCUIT
A	ON	NONE	OFF	SPST
B	ON	NONE	ON	SPDT
C	MOM-ON	NONE	OFF	SPST
D	MOM-ON	NONE	ON	SPDT
E	MOM-ON	OFF	MOM-ON	SPDT
F	ON	OFF	ON	SPDT
G	MOM-ON	OFF	ON	SPDT

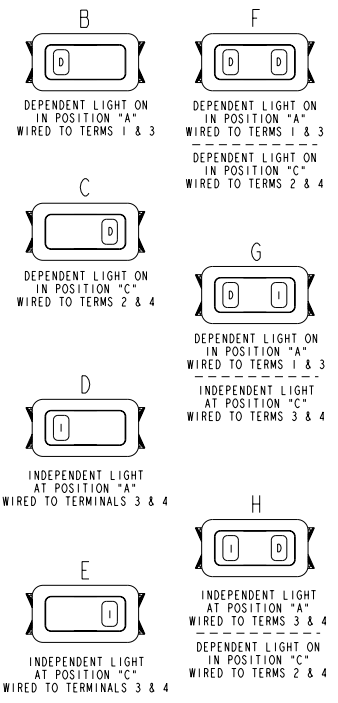
### LIGHT TYPE:

- A = NO LIGHT
- B = 6 V INCANDESCENT
- C = 12 V INCANDESCENT
- D = 24 V INCANDESCENT
- E = 125 VAC NEON
- F = 250 VAC NEON
- G = 2 V RED LED
- H = 2 V GREEN LED
- J = 2 V AMBER LED
- K = 6 V RED LED
- L = 6 V GREEN LED
- M = 6 V AMBER LED
- N = 12 V RED LED
- P = 12 V GREEN LED
- O = 12 V AMBER LED
- R = 24 V RED LED
- S = 24 V GREEN LED
- T = 24 V AMBER LED

LENS COLOR	
POSITION "A"	POSITION "C"
A = NO LENS	A = NO LENS
B = RED	B = RED
C = GREEN	C = GREEN
D = AMBER	D = AMBER
E = CLEAR	E = CLEAR

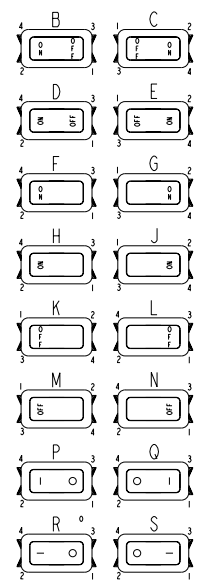
### LIGHT CIRCUIT/LOCATION

A = NO LIGHT



### LEGEND AND ORIENTATION

A = NONE



### SWITCH CHARACTERISTICS:

ELECTRICAL: (AT 28 VDC OR 125 VAC)

LOAD	RATING	LIFE (MIN)
RESISTIVE	16 A	25,000 CYCLES
RESISTIVE	10 A	50,000 CYCLES
INDUCTIVE	10 A	25,000 CYCLES
LAMP	5 A	25,000 CYCLES
MOTOR	.5 HP	25,000 CYCLES
DWV		1050 VRMS

### MECHANICAL:

MECHANICAL LIFE: 100,000 CYCLES  
SUBMERSION: IP68 PER IEC 529  
TEMP. RANGE: -30°C TO +85°C

### PHYSICAL:

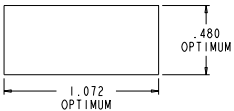
BASE MATERIAL: THERMOPLASTIC  
BUTTON MATERIAL: THERMOPLASTIC  
CASE MATERIAL: THERMOPLASTIC  
TERMINAL MATERIAL: BRASS ALLOY  
CONTACTS: FINE SILVER/SILVER CAD. OXIDE

### MARKING:

OTTO  
KI-----  
10.1A 125VAC  
DATE CODE (YYWW)  
UL SYMBOL  
CSA SYMBOL

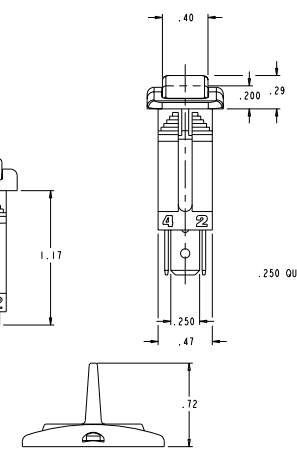
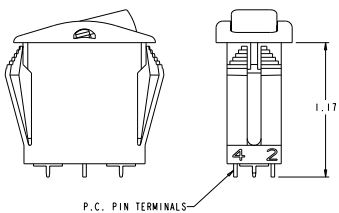
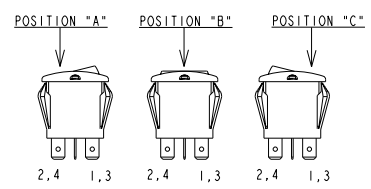
### MOUNTING HOLE:

RECOMMENDED PANEL THICKNESS: .125 OPTIMUM THICKNESS (.025 MIN. - .187 MAX)  
RECOMMENDED PANEL OPENING: 480 X 1.072 OPTIMUM (.480/.550 X 1.072/1.125)



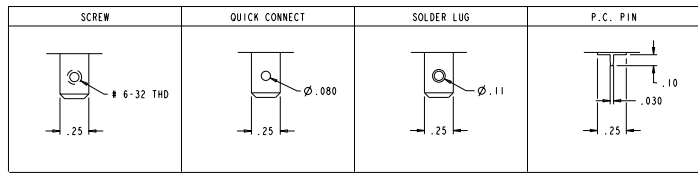
### PRODUCT EXCLUSIONS

- 1) NO MOMENTARY SWITCHES WITH DEPENDENT LIGHTS
- 2) NEON LAMPS ONLY TO BE CODED WITH CLEAR OR AMBER LENSES
- 3) LED LENSES MUST BE CLEAR OR SAME COLOR AS LED
- 4) NO DEPENDENT LIGHT AT POSITION C (7TH LETTER = F, C, H) IF SWITCH IS OFF IN POSITION C (3RD LETTER = A OR C)
- 5) ALL LEGENDS WILL BE WHITE EXCEPT FOR ACTUATOR CODES C & F WILL BE BLACK



### PADDLE STYLE ROCKER

TERMINAL STYLES ALL TERMINALS ARE .032 THICK



D = DEPENDENT LIGHT  
I = INDEPENDENT LIGHT

MANUFACTURING	SPC	OTTO CONTROLS	DESCRIPTION
PROCESS:	MATERIAL:	DIVISION OF	KI ROCKER SWITCH
		OTTO ENGINEERING INC.	
		CAMPBELLVILLE, ILLINOIS USA	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ARE AS LISTED SURFACES UNLESS OTHERWISE SPECIFIED ARE MICROFINISH TO BE FREE FROM BURRS AND SHARP EDGES.	TOLERANCES: .14 & .055 UNLESS OTHERWISE SPECIFIED	THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF OTTO ENGINEERING INC. AND IS CONFIDENTIAL. NO PART OF THIS INFORMATION IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.	DATE: 15 AUG 00
	DRWNL: JBC	STATE: ESCW NO	DRAWING NO.
	CHLD: JBC	APPD: SEM	D 21649
			KI-----
			J
			Scale 1:1 Sheet 1 of 1