SHANGHAI YONGXING ELECTRONIC SWITCH CO., LTD.

SHANGHAI YONGXING ELECTRONIC

KCD1 Series Rocker Switchs

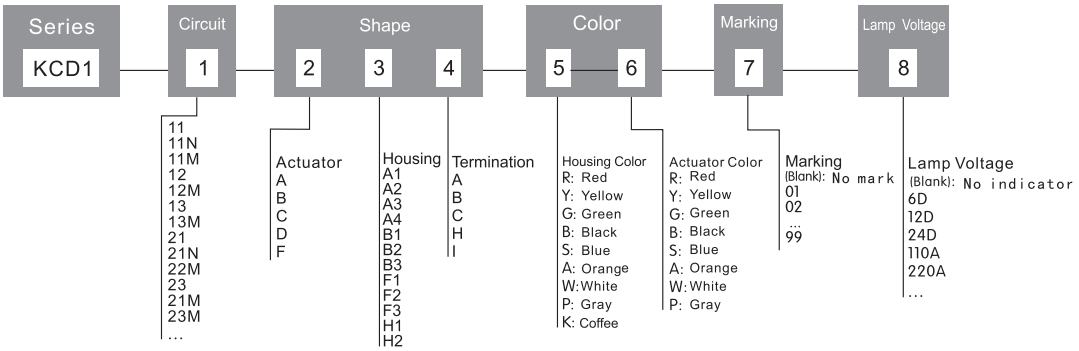
SPECIFICATION

Contact Resistance	≤50mΩ
Insulation Resistance	≥1,000MΩ
Dielectric Strength	1,500V AC , 1min
Operating temperature	T55 , T85 , T125
Electronic Life(cycles)	10,000

Max. Rating Current & Voltage

CQC CE	16(4)A 250V AC T85
	16R(4)A 125V AC 16R(4)A 250V AC 1HP 125V AC
CB	16(4)A 250V AC T125, 10(4)A 250V AC T125 16(4)A 250V AC T85, 16A 250V AC

KCD1型号命名规则 HOW TO ORDER



1 KCD1 CIRCUIT CODE

Code	Circuit	Description	Code	Circuit	Description
11	ON-OFF	SP-ST	21	ON-OFF	DP-ST
12	ON - ON	SP-DT	21N	ON - OFF	DP-ST Illuminated
11N	ON - OFF	SP-ST Illuminated	22	ON - ON	DP-DT
11M	OFF→ON	SP-ST Momentary	22M	ON → ON	DP-DT Momentary
12M	ON → ON	SP-DT Momentary	23	ON - OFF - ON	DP-TT
13	ON - OFF - ON	SP-TT	13M	ON - OFF - ON	SP-TT Momentary
21M	OFF→ON	DP-ST Momentary	23M	ON - OFF - ON	DP-TT Momentary

2 ACTUATOR CODE

Code	Diagram	Description	Code	Diagram	Description	Code	Diagram	Description	Code	Diagram	Description	Code	Diagram	Description
A		Plane	B		V-Shaped	C		Arc-Shaped	D		Arc-Shaped Point Lamp	F		Arc-Shaped With Shied

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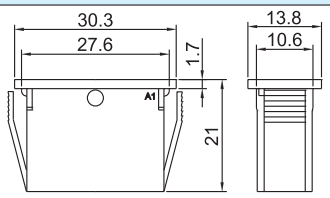
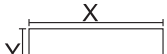
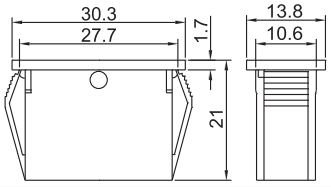
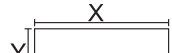
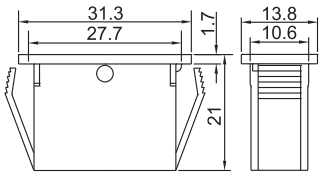
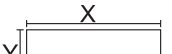
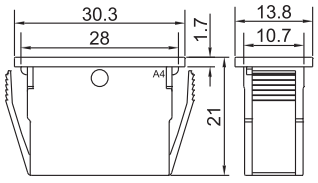
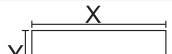
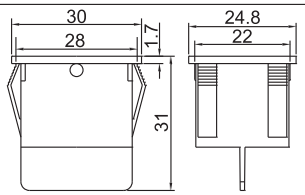
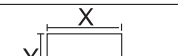
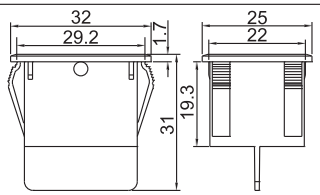
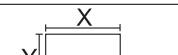
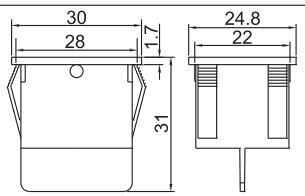
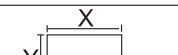
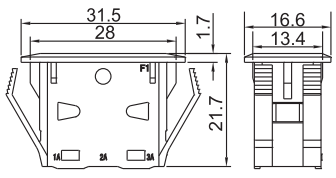
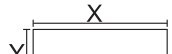
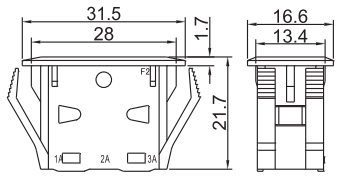
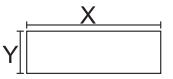
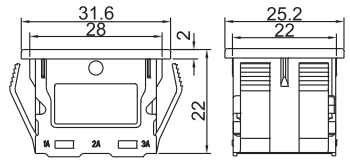
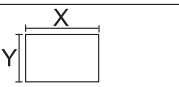
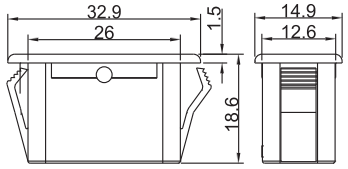
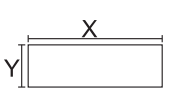
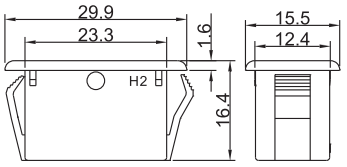
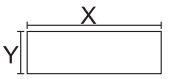
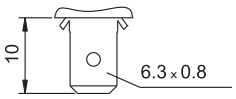
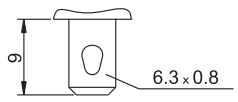
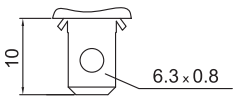
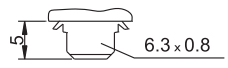
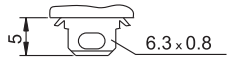
www.yxswitch.com www.skswitch.com

3 HOUSING CODE

Code	Diagram	Panel cut out	Match the project selection		
			Actuator	Circuit	Terminal Blocks
A1		 Z: 0.75~1.25 — X: 27.7 $^{+0.10}_{0}$ — Y: 10.7 $^{+0.10}_{0}$ Z: 1.25~2.00 — X: 27.8 $^{+0.10}_{0}$ — Y: 10.7 $^{+0.10}_{0}$ Z: 2.00~3.00 — X: 28.0 $^{+0.10}_{0}$ — Y: 10.7 $^{+0.10}_{0}$	A/ B/ C/ D/ F	11/12/11N/ 11M/12M/13/ 13M	A
A2		 Z: Panel Thickness Z: 0.75~1.25 — X: 28.4 $^{+0.10}_{0}$ — Y: 10.7 $^{+0.10}_{0}$ Z: 1.25~2.00 — X: 28.8 $^{+0.10}_{0}$ — Y: 10.7 $^{+0.10}_{0}$ Z: 2.00~3.00 — X: 29.0 $^{+0.10}_{0}$ — Y: 10.7 $^{+0.10}_{0}$	A/ B/ C/ D/ F	11/12/11N/ 12M/13/ 13M	A
A3		 Z: Panel Thickness Z: 0.75~1.25 — X: 28.0 $^{+0.10}_{0}$ — Y: 10.7 $^{+0.10}_{0}$ Z: 1.25~2.00 — X: 28.1 $^{+0.10}_{0}$ — Y: 10.7 $^{+0.10}_{0}$ Z: 2.00~3.00 — X: 28.2 $^{+0.10}_{0}$ — Y: 10.7 $^{+0.10}_{0}$	A/ B/ C/ D/ F	11/12/11N/ 12M/13/ 13M	A
A4		 Z: Panel Thickness Z: 0.75~1.25 — X: 28.1 $^{+0.10}_{0}$ — Y: 10.7 $^{+0.10}_{0}$ Z: 1.25~2.00 — X: 28.2 $^{+0.10}_{0}$ — Y: 10.7 $^{+0.10}_{0}$ Z: 2.00~3.00 — X: 28.3 $^{+0.10}_{0}$ — Y: 10.7 $^{+0.10}_{0}$	A/ B/ C/ D/ F	11/ 11N	A/ C
B1		 Z: Panel Thickness Z: 0.75~1.25 — X: 28.1 $^{+0.10}_{0}$ — Y: 22.1 $^{+0.10}_{0}$ Z: 1.25~2.00 — X: 28.2 $^{+0.10}_{0}$ — Y: 22.1 $^{+0.10}_{0}$ Z: 2.00~3.00 — X: 28.3 $^{+0.10}_{0}$ — Y: 22.1 $^{+0.10}_{0}$	A/ B/ C/ D	21/22/ 22M/23 21M/23M	A
B2		 Z: Panel Thickness Z: 0.75~1.25 — X: 29.6 $^{+0.10}_{0}$ — Y: 22.1 $^{+0.10}_{0}$ Z: 1.25~2.00 — X: 30.6 $^{+0.10}_{0}$ — Y: 22.1 $^{+0.10}_{0}$ Z: 2.00~3.00 — X: 30.8 $^{+0.10}_{0}$ — Y: 22.1 $^{+0.10}_{0}$	A/ B/ C/ D	21/ 21N	A/ C
B3		 Z: Panel Thickness Z: 0.75~1.25 — X: 28.1 $^{+0.10}_{0}$ — Y: 22.1 $^{+0.10}_{0}$ Z: 1.25~2.00 — X: 28.2 $^{+0.10}_{0}$ — Y: 22.1 $^{+0.10}_{0}$ Z: 2.00~3.00 — X: 28.3 $^{+0.10}_{0}$ — Y: 22.1 $^{+0.10}_{0}$	A/ B/ C/ D	21/ 21N	A/ C
F1 防水型		 Z: Panel Thickness Z: 0.75~1.25 — X: 28.1 $^{+0.10}_{0}$ — Y: 13.5 $^{+0.10}_{0}$ Z: 1.25~2.00 — X: 28.2 $^{+0.10}_{0}$ — Y: 13.5 $^{+0.10}_{0}$ Z: 2.00~3.00 — X: 28.3 $^{+0.10}_{0}$ — Y: 13.5 $^{+0.10}_{0}$	B/ C	11/12/ 11N/13	B

Code	Diagram	Panel cut out	Match the project selection		
			Operating conditions	Circuit	Terminal Blocks
F2		 Z: Panel Thickness Z: 0.75~1.25 — X: 29.0 $^{+0.10}_{0}$ — Y: 13.5 $^{+0.10}_{0}$ Z: 1.25~2.00 — X: 29.2 $^{+0.10}_{0}$ — Y: 13.5 $^{+0.10}_{0}$ Z: 2.00~3.00 — X: 29.4 $^{+0.10}_{0}$ — Y: 13.5 $^{+0.10}_{0}$	B/ C	11/12/ 11N/13	B
F3		 Z: Panel Thickness Z: 0.75~1.25 — X: 28.1 $^{+0.10}_{0}$ — Y: 22.1 $^{+0.10}_{0}$ Z: 1.25~2.00 — X: 28.2 $^{+0.10}_{0}$ — Y: 22.1 $^{+0.10}_{0}$ Z: 2.00~3.00 — X: 28.3 $^{+0.10}_{0}$ — Y: 22.1 $^{+0.10}_{0}$	C	21/22/ 21N/23	B
H1		 Z: Panel Thickness Z: 1.00~2.00 — X: 28.8 $^{+0.10}_{0}$ — Y: 12.7 $^{+0.10}_{0}$ Z: 2.00~3.00 — X: 29.2 $^{+0.10}_{0}$ — Y: 12.7 $^{+0.10}_{0}$	C	11/ 11N	H/ I
H2		 Z: Panel Thickness Z: 0.75~1.25 — X: 25.6 $^{+0.10}_{0}$ — Y: 12.5 $^{+0.10}_{0}$ Z: 1.25~2.00 — X: 26.0 $^{+0.10}_{0}$ — Y: 12.5 $^{+0.10}_{0}$ Z: 2.00~3.00 — X: 26.2 $^{+0.10}_{0}$ — Y: 12.5 $^{+0.10}_{0}$	C	11/ 11N	H/ I

4 TERMINATION CODE

Code	Diagram	Description
A		6.3*0.8 Standard Terminal Blocks
B		6.3*0.8 Standard Terminal Blocks
C		6.3*0.8 Welding type Terminal Blocks
H		6.3*0.8 Welding type Terminal Blocks
I		6.3*0.8 Welding type Terminal Blocks

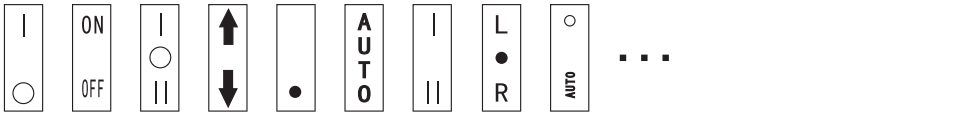
5 HOUSING COLOR

Code	R	G	Y	S	W	B	P	A	K
Color	Red	Green	Yellow	Blue	White	Black	Gray	Orange	Coffee

6 ACTUATOR COLOR

Code	R	G	Y	S	W	B	P	A
Color	Red	Green	Yellow	Blue	White	Black	Gray	Orange

7 MARKING



01 03 05 06 07 12 18 23 28 ▪ ▪ ▪ Specific see attached list

8 LAMP VOLTAGE

Lamp	LED								Neon	
Voltage	DC6V	DC12V	DC24V	AC/DC6V	AC/DC12V	AC/DC24V	AC/DC110V	AC/DC220V	AC110V	AC220V
Code	DC 6	DC 12	DC 24	AC/DC6	AC/DC12	AC/DC24	AC/DC110	AC/DC220	AC 110	AC 220

NOTE

- The operation of the button have a variety of colors , the main color is black, white, red and green.
- The main color of housing is black and white.
- The main types of illuminate switch are 220V neon lamps, and less LED products, and basically are LED DC24V.
- The printed character on the button according to customer demand, there are a few dozen kinds can be printed and published at present, usually can meet customer demand.
- The special voltage, current and color needs to be customized.

KCD1 EXAMPLE


KCD1-21N-CB1A-B-GR-01-220A


KCD1-21N-DB2A-B-GR-220A


KCD1-11N-CH1H-S-A-03-110A


KCD1-12-CF2B-B-G


KCD1-11-FA4A-B-R-03


KCD1-12-AA1A-B-R


KCD1-13-CA1A -B-B-05


KCD1-11-CF2B-B-B-01


KCD1-12-BA1A


KCD1-12-DA1A-B-R

Note: Due to we couldn't get full information from the appearance, such as voltages, parameters and the switch with or without light, so the full model please refer to models based on the actual needs and the definition and parameters of table selection.