

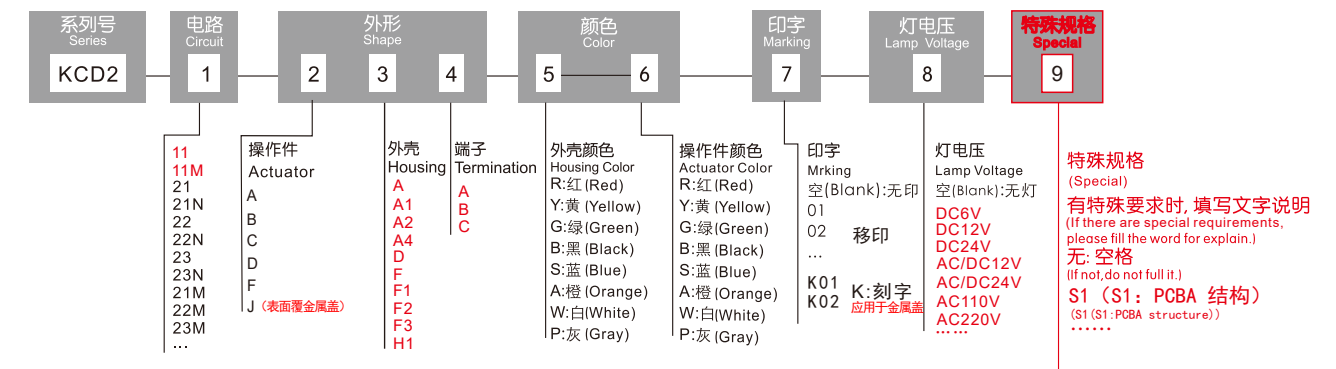


KCD2 系列船型波动开关
KCD2 Series Rocker Switches



技术性能参数 SPECIFICATION	
接触电阻（初始值）Contact Resistance	≤50mΩ
绝缘电阻（常态）Insulation Resistance	≥1,00MΩ
耐压（常态）Dielectric Strength	1,500V AC , 1min
工作环境温度 Operating temperature	T55 , T85 , T125
电气寿命（次）Electronic Life(cycles)	10,000
机械寿命（次）Mechanical Life(cycles)	100,000
电气额定值Max. Rating Current & Voltage	
	16(4)A 250V AC T85
	16R(4)A 250V AC 16R(4)A 125V AC 1HP 125V AC
	16(4)A 250V AC T125, 10(3)A 250V AC T125 16(4)A 250V AC T85, 16A 250V AC

KCD2型号命名规则 HOW TO ORDER



1 KCD2电路特征代码 CIRCUIT CODE

代码 Code	图解 Circuit	描述 Description	代码 Code	图解 Circuit	描述 Description
12		单极双掷 SP-DT	23		双极三掷 DP-TT
12M		单极双掷复位 SP-DT Momentary	23N		双极三掷带灯 DP-TT Illuminated
21		双极单掷 DP-ST	21M		双极单掷复位 DP-ST Momentary
21N		双极单掷带灯 DP-ST Illuminated	22M		双极双掷复位 DP-DT Return
22		双极双掷 DP-DT	23M		双极三掷双面复位 DP-TT Double Momentary
22N		双极双掷带灯 DP-DT Illuminated	23M1		双极三掷单面复位 DP-TT Single Momentary
22NM		双极双掷带灯复位 DP-DT Illuminated Momentary	21NM		双极单掷带灯复位 DP-ST Illuminated Momentary
11		单极单掷 SP-ST	11M		单极单掷复位 SP-ST Momentary

KCD2 系列船型波动开关
KCD2 Series Rocker Switches



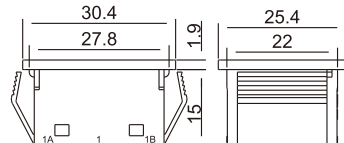
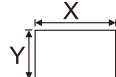
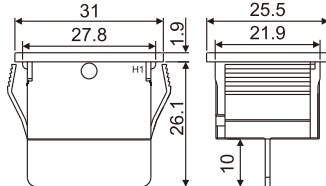
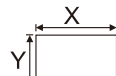
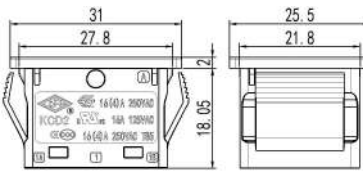
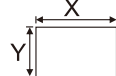
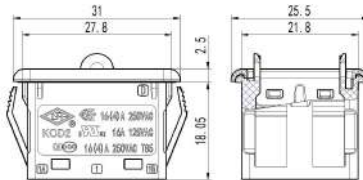
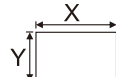
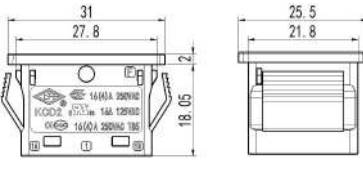
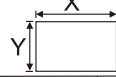
2 操作件代码 ACTUATOR CODE

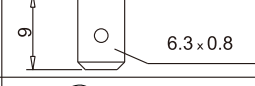
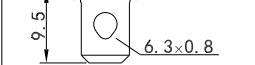
代码 Code	图解 Diagram	描述 Description	代码 Code	图解 Diagram	描述 Description	代码 Code	图解 Diagram	描述 Description	代码 Code	图解 Diagram	描述 Description
A		平面 Plane	B		V型面 V-Shaped	C		弧型面 Arc-Shaped	D		弧型面 点发光 Arc-Shaped Point Lamp
J		金属平面 Metal plane	F		防水 弧型面 With Shield						

注：A1, A2, A4产品已实现自动化生产，因设备未铺设通用功能，各型号间装配存在限制：A4按钮不可借用A1/A2结构，A2结构可在A1设备上劈脚；PCBA结构为线路板贴片（LED）结构

3 外壳代码 HOUSING CODE

代码 Code	图解 Diagram	面板开孔尺寸(mm) Panel cut out	相配选择 Match the project selection														
			操作件 Actuator	电路 Circuit	接线端子 Terminal Blocks												
A1 (普通结构) & (PCBA结构)		 Z:安装面板厚度 Panel Thickness <table><tr><th>Z</th><th>X</th><th>Y</th></tr><tr><td>0.75~1.25</td><td>27.9^{+0.10}₀</td><td>22.1^{+0.10}₀</td></tr><tr><td>1.25~2.00</td><td>28.0^{+0.10}₀</td><td>22.1^{+0.10}₀</td></tr><tr><td>2.00~3.00</td><td>28.1^{+0.10}₀</td><td>22.1^{+0.10}₀</td></tr></table>	Z	X	Y	0.75~1.25	27.9 ^{+0.10} ₀	22.1 ^{+0.10} ₀	1.25~2.00	28.0 ^{+0.10} ₀	22.1 ^{+0.10} ₀	2.00~3.00	28.1 ^{+0.10} ₀	22.1 ^{+0.10} ₀	A/ B/ C/ F	12/21/ 21N/22/22N/ 23/23N/ 21M/22M/ 23M/23M1/	A
Z	X	Y															
0.75~1.25	27.9 ^{+0.10} ₀	22.1 ^{+0.10} ₀															
1.25~2.00	28.0 ^{+0.10} ₀	22.1 ^{+0.10} ₀															
2.00~3.00	28.1 ^{+0.10} ₀	22.1 ^{+0.10} ₀															
A2 (普通结构) & (PCBA结构)		 Z:安装面板厚度 Panel Thickness <table><tr><th>Z</th><th>X</th><th>Y</th></tr><tr><td>0.75~1.25</td><td>30.0^{+0.10}₀</td><td>22.0^{+0.10}₀</td></tr><tr><td>1.25~2.00</td><td>30.6^{+0.10}₀</td><td>22.0^{+0.10}₀</td></tr><tr><td>2.00~3.00</td><td>31.0^{+0.10}₀</td><td>22.0^{+0.10}₀</td></tr></table>	Z	X	Y	0.75~1.25	30.0 ^{+0.10} ₀	22.0 ^{+0.10} ₀	1.25~2.00	30.6 ^{+0.10} ₀	22.0 ^{+0.10} ₀	2.00~3.00	31.0 ^{+0.10} ₀	22.0 ^{+0.10} ₀	A/ B/ C/ F	12/12M/21/ 21N/22/22N/ 23/23N/ 21M/22M/ 23M/23M1/ 21NM/22NM	A C
Z	X	Y															
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1.25~2.00	30.6 ^{+0.10} ₀	22.0 ^{+0.10} ₀															
2.00~3.00	31.0 ^{+0.10} ₀	22.0 ^{+0.10} ₀															
A4 (普通结构) & (PCBA结构)		 Z:安装面板厚度 Panel Thickness <table><tr><th>Z</th><th>X</th><th>Y</th></tr><tr><td>0.75~1.25</td><td>27.9^{+0.10}₀</td><td>22.1^{+0.10}₀</td></tr><tr><td>1.25~2.00</td><td>28.0^{+0.10}₀</td><td>22.1^{+0.10}₀</td></tr><tr><td>2.00~3.00</td><td>28.1^{+0.10}₀</td><td>22.1^{+0.10}₀</td></tr></table>	Z	X	Y	0.75~1.25	27.9 ^{+0.10} ₀	22.1 ^{+0.10} ₀	1.25~2.00	28.0 ^{+0.10} ₀	22.1 ^{+0.10} ₀	2.00~3.00	28.1 ^{+0.10} ₀	22.1 ^{+0.10} ₀	A/ B/ C/ D/ F	12/12M/21/ 21N/22/22N/ 23/23N/ 21M/22M/ 23M/23M1/ 21NM/22NM	A C
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0.75~1.25	27.9 ^{+0.10} ₀	22.1 ^{+0.10} ₀															
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2.00~3.00	28.1 ^{+0.10} ₀	22.1 ^{+0.10} ₀															
F1 防水型		 Z:安装面板厚度 Panel Thickness <table><tr><th>Z</th><th>X</th><th>Y</th></tr><tr><td>0.75~1.25</td><td>30.1^{+0.10}₀</td><td>22.1^{+0.10}₀</td></tr><tr><td>1.25~2.00</td><td>30.2^{+0.10}₀</td><td>22.1^{+0.10}₀</td></tr><tr><td>2.00~3.00</td><td>30.3^{+0.10}₀</td><td>22.1^{+0.10}₀</td></tr></table>	Z	X	Y	0.75~1.25	30.1 ^{+0.10} ₀	22.1 ^{+0.10} ₀	1.25~2.00	30.2 ^{+0.10} ₀	22.1 ^{+0.10} ₀	2.00~3.00	30.3 ^{+0.10} ₀	22.1 ^{+0.10} ₀	C	12/12M/21/ 21N/22/22N/ 23/23N/ 21M/22M/ 23M/23M1/ 21NM/22NM	B
Z	X	Y															
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F2 防水型		 Z:安装面板厚度 Panel Thickness <table><tr><th>Z</th><th>X</th><th>Y</th></tr><tr><td>0.75~1.25</td><td>28.1^{+0.10}₀</td><td>22.1^{+0.10}₀</td></tr><tr><td>1.25~2.00</td><td>28.2^{+0.10}₀</td><td>22.1^{+0.10}₀</td></tr><tr><td>2.00~3.00</td><td>28.3^{+0.10}₀</td><td>22.1^{+0.10}₀</td></tr></table>	Z	X	Y	0.75~1.25	28.1 ^{+0.10} ₀	22.1 ^{+0.10} ₀	1.25~2.00	28.2 ^{+0.10} ₀	22.1 ^{+0.10} ₀	2.00~3.00	28.3 ^{+0.10} ₀	22.1 ^{+0.10} ₀	C	12/12M/21/ 21N/22/22N/ 23/23N/ 21M/22M/ 23M/23M1/ 21NM/22NM	B
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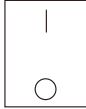
F3 防水型		 Z:安装面板厚度 Panel Thickness <table><tr><th>Z</th><th>X</th><th>Y</th></tr><tr><td>0.75~1.25</td><td>28.0^{+0.10}₀</td><td>22.1^{+0.10}₀</td></tr><tr><td>1.25~2.00</td><td>28.1^{+0.10}₀</td><td>22.1^{+0.10}₀</td></tr><tr><td>2.00~3.00</td><td>28.2^{+0.10}₀</td><td>22.1^{+0.10}₀</td></tr></table>	Z	X	Y	0.75~1.25	28.0 ^{+0.10} ₀	22.1 ^{+0.10} ₀	1.25~2.00	28.1 ^{+0.10} ₀	22.1 ^{+0.10} ₀	2.00~3.00	28.2 ^{+0.10} ₀	22.1 ^{+0.10} ₀	C	12/12M/ 21/22/23/ 21M/22M/ 23M/23M1	A
Z	X	Y															
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D 	 D型外壳装配电镀饰条后外形尺寸: 31、2.5、25.5	 Z:安装面板厚度 Panel Thickness <table><tr><th>Z</th><th>X</th><th>Y</th></tr><tr><td>0.75~1.25</td><td>27.9^{+0.10}₀</td><td>22.1^{+0.10}₀</td></tr><tr><td>1.25~2.00</td><td>28.0^{+0.10}₀</td><td>22.1^{+0.10}₀</td></tr><tr><td>2.00~3.00</td><td>28.1^{+0.10}₀</td><td>22.1^{+0.10}₀</td></tr></table>	Z	X	Y	0.75~1.25	27.9 ^{+0.10} ₀	22.1 ^{+0.10} ₀	1.25~2.00	28.0 ^{+0.10} ₀	22.1 ^{+0.10} ₀	2.00~3.00	28.1 ^{+0.10} ₀	22.1 ^{+0.10} ₀	J	22N	B
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代码 Code	图解 Diagram	描述 Description
A		6.3*0.8标准型端子 Standard Terminal Blocks
B		6.3*0.8标准型端子 Standard Terminal Blocks
C		6.3*0.8标准型端子 Standard Terminal Blocks

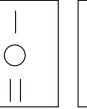
代码(Code)	R	G	Y	S	W	B	P	A
颜色(Color)	红色 (Red)	绿色 (Green)	黄色 (Yellow)	蓝色 (Blue)	白色 (White)	黑色 (Black)	灰色 (Gray)	橙色 (Orange)

代码(Code)	R	G	Y	S	W	B	P	A
颜色(Color)	红色 (Red)	绿色 (Green)	黄色 (Yellow)	蓝色 (Blue)	白色 (White)	黑色 (Black)	灰色 (Gray)	橙色 (Orange)

7 印字 MARKING


01


03


05

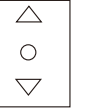

06


07


12


18


22


57


75

... 具体见附表 ...

8 灯电压 LAMP VOLTAGE	LED							
照明件(Lamp)								
电压(Voltage)	DC6V	DC12V	DC24V	AC/DC6V	AC/DC12V	AC/DC24V	AC/DC110V	AC/DC220V
代码(Code)	DC 6	DC 12	DC 24	AC/DC6	AC/DC12	AC/DC24	AC/DC110	AC/DC220

- 选型注意事项 NOTE
- 操作件按钮的颜色比较多,主要的颜色为黑色,白色,红色,绿色。
The operation of the button have a variety of colors , the main colors are black,white,red and green.
 - 外壳的颜色主要为黑色及白色。
The shell main colors are black and whit.
 - 操作件按钮上印制的字符可根据客户的需求印制,目前已有的字符样式也有几十种,一般都可以满足客户的需求。
The printing 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.
 - 特殊电压电流及颜色需要定制。
The special voltage, current and color needs to be customized.

KCD2产品图例 EXAMPLE


KCD2-22-CA1A-B-B-01


KCD2-22-CA1A-B-G-01


KCD2-23-CA1A-B-B-75


KCD2-22-BA1A-W-G


KCD2-22-AA1A-B-R


KCD2-21-CA1A-B-B-01


KCD2-21-BA1A-W-Y-01


KCD2-22-AA1A-W-G


KCD2-22-CA1A-B-R-01


KCD2-21-CA1A-B-R-01


KCD2-21-FA1A-B-B-01


KCD2-21-CF1B-B-G


KCD2-21-CF2B-B-R


KCD2-22-CF2B-B-B


KCD2-22N-CAB-B-R


KCD2-22N-JDB-B-R-K02


KCD2-22N-JFB-B-R-K02

CAB/JDB/JFB图片须按实物为准，此为数据渲染图

●注：因为外形上看不出开关内部是否带灯及灯类型电压等参数，故以上样品对应型号不一定完整，完整型号请根据实际需求并参照型号定义及参数表选型。
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.

