

常用系列面板元件

Common Panel Components



Waterproof



Dustproof



Corrosionproof

Weatherproof Electrical Appliances
防水 防尘 防腐 电器系列



GB IEC EN

◆ 型号规格含义/Catalogue Number Logic

指示灯代号/Indicator code	
代号/Code	电压/Voltage
a	12
b	24
c	36
d	48
e	110
f	220
g	380

代号/Code	颜色/Colour
R	红色/Red
G	绿色/Green
Y	黄色/Yellow
W	白色/White

按钮头代号/Button	
按钮头结构代号 Button code	说明/Notes
a1	标准型按钮(红色)Standard button (red)
a2	标准型按钮(绿色)Standard button (green)
a3	标准型按钮(黄色)Standard button (yellow)
b	选择按钮 Selection button
c1	蘑菇型自持按钮(红色)Mushroom self-kept button (red)
c2	蘑菇型自持按钮(绿色)Mushroom self-kept button(green)
d	锁头型按钮 Key operated button
e1	方形按钮(红色)Square button (red)
e2	方形按钮(绿色)Square button (green)
f1	带防水帽按钮(红色)Button with rain cap (red)
f2	带防水帽按钮(绿色)Button with rain cap (green)
f3	带防水帽按钮(黄色)Button with rain cap (yellow)

按钮触头型式/Contact code

I	II	III	IV	V
一常闭 1 NC	一常开 1 NO	一常开一常闭 1 NO+1 NC	二常闭 2 NC	二常开 2 NO



Waterproof

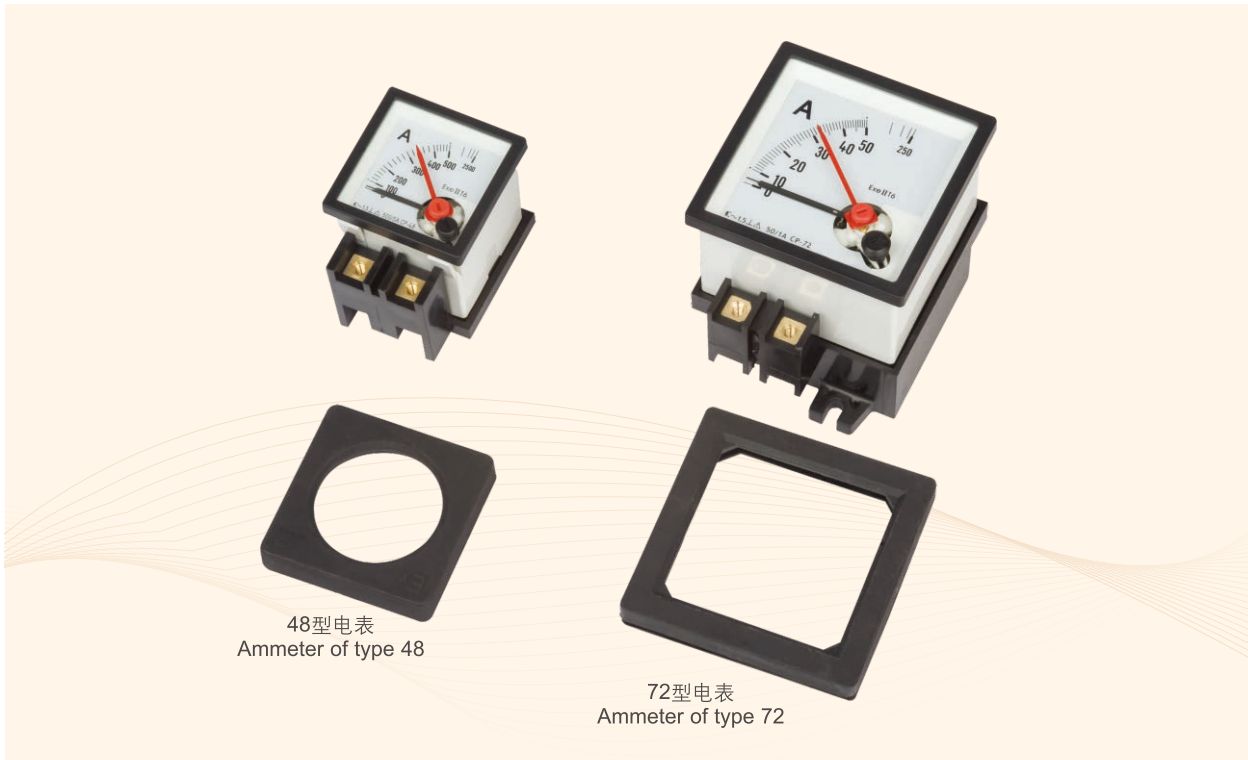


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主要技术参数/Main technical parameters

	电流表/Ammeter		电压表/Voltmeter	
	48型 Type 48	72型 Type 72	48型 Type 48	72型 Type 72
精度 Accuracy	1.5级/Level			
规格 Specification	0.1A、0.5A、1A、1.5A、3A、5A、7.5A、10A 15A、20A、25A、30A、40A、50A、60A、75A、100A		30V、50V、75V、100V、120V、150V、 200V、250V、300V、400V、450V	

注：接次级电流5A或1A的外附电流互感器，本电流表为过载表，过载电流为2倍，有特殊要求请说明。

Notes: connect to the attached current transformer of secondary current of 5A or 1A, the ammeter is overload meter, overload current is 5 times, 3 or 2 times can be supplied upon request. If there're any special requirements, please specify.

注：可接次级电压为100V的外附电压互感器。

Notes: connect to the attached current transformer of secondary voltage of 100V.

注：订货时请注明规格、量程、电流比、电压比。

Note: please specify the type, measuring range, current ratio and voltage ratio when ordering.

常用系列万能开关选型一览表

Selection Table for Common Universal Switches

万能开关主要技术参数/Main technical parameters



额定电压/Rated voltage (V)	额定电流/Rated current (A)	端子线径 Wire diameter for terminal	极数 Number of pole
AC 380 / DC 220	10	1.5mm ²	2, 4, 6

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开关组合符号 Switch code	接触图 Chart of contact	等效开关 Equivalent switch	旋钮位置 (实线表示定位) 虚线表示自复位 Position (solid line: location, dash line: spring return)	等效功能说明 Instruction for equivalent function
A				A、功能接线均与双控按钮相同，自动复位。 Functional wiring is the same as the double control buttons with auto-reset function.
B				B、功能与双按钮相同，起动复位，增加了锁停档位，避免误操作。 Function is the same as double buttons; auto-reset after start; lock-stop gear added to avoid mistake operation.
C				C、功能为2个常开触点的按钮，自动复位，适合于高压电机控制电路。或采用A功能面板。 Buttons with 2NO contacts and available at auto-reset function. Suitable for high-voltage engine control circuit or function panel uses switch code "A".
D				D、小功率电源开关。 Low-power switch
E				E、功能与三按钮相同，控制电机正反转，正、反启动位置自复位。 Function is the same as three buttons, able to control engine in forward and backward rotation. FW & BW starting positions can auto-reset.



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F				F、选择开关，中间带停止档位。 Selection switch with stop gear in middle position.
G				G、相当于2个按钮和一个切换开关装于一轴，在起动与停止之前均可输出联络信号或监控信号。 Be equal to mounting two buttons and one changeover switch in one axis. Possible to output contact signal or monitoring signal between start and stop.
H				H、多信号逐级传送、方向任意旋转。 Multi-signals transmit gradually, rotation in random
I				I、在H基础上增加了总信号传送功能。 Add function of transmitting resultant signal on the base of function panel uses switch code "H".
J				J、二位进级、逐级切换。 Two positions step, change-over gradually.
K				K、切换开关。 Changeover switch
L				L、三极双掷选择开关。 Selection switch with three poles and two launches.
M				M、自动、手动、起动三位位置转换开关，起动自复位，起动后必须经过停止档位才能转向自动档位。 Three-position changeover switch among auto, manual and start; auto-reset after start; it can convert to auto gear only after passing stop gear.

常用系列万能开关选型一览表

Selection Table for Common Universal Switches



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N				N、与M万能结构略有不同，起动后不经停止档位直接转向自动档。 Structure is a little different to universal structure of switch code "M"; it directly rotates to auto gear without passing stop gear after starts.
O				O、起动为双触点带锁停功能，起动自复位。 Double contacts auto reset for start, with lock-stop gear, auto resetting after starting
P				P、停止为双触点，可分别代替A和C，起停，自动复位。 Double contacts for stop, to substitute switch code "A" and "C" for start and stop; auto reset.
Q				Q、停止带双触点，带锁停功能，起动自复位，同B万能面板。 Stop with double contacts, with lock stop gear; auto-reset after start, same with B universal panel.
R				R、起、停均带双触点，起停均自动复位，同A万能面板。 Double contacts for both start and stop; it is same as universal panel of switch code "A", with auto-reset for start and stop.
S				S、起停前先传递一个联络信号。 Transmit a contact signal before start and stop.
T				T、起、停均带锁停档位功能，避免误操作，不自动复位。 With lock-stop gear for start and stop to prevent mistake operation; without auto-reset
U				U、为双控选择开关。 Double-control selection switch



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V				V、电压换相测量转换开关。 Changeover switch for voltage phase-changing and measuring.
W				W、1个2常开自复位按钮，左右一样。 One 2NO auto-reset button, both left and right are the same.
X				X、为2个2常开触点的自复位按钮。 Two 2NO auto-reset buttons.
Y				Y、为带4个常开触点的自复位按钮。 Auto-reset button with 4NO contacts
Z				Z、电源程序开关，中间断开，左右均接近，可作消防开关。 Power program switch, disconnect in the middle, close to the left and right, can be used as fire switch.
a				a、用于起动、点动混合电路。 For the start and click start of hybrid circuit
b				b、双联动开关。 Double linked switch
e				e、急停开关。 Emergency stop switch