FEICE®
飞策

Products type-chosing manual

产品选型手册

第12版 Ex

防爆电器类

飞策防爆电器股份有限公司

FEICE EXPLOSION-PROOF ELECTRIC CO.,LTD

中国·飞策防爆电器股份有限公司

产品样册

防爆电器类

防爆配电箱
口口 G58-系列防爆照明（动力）配电箱 3
口口 G58-g 系列防爆防腐照明（动力）配电箱 8
口口 G58-口 C 系列防爆照明（动力）配电箱（检修电源插座箱） 12
BF28159-g 系列防爆防腐照明（动力）配电箱 16
BDG58-口 DP 系列防爆动力箱（检修电缆盘） 20
BF28159-g 口 DQ 系列防爆防腐动力配电箱（电磁起动） 22
BPG-系列防爆配电柜 26
BF28159-gQ 系列防爆防腐电磁起动器 27
PBb-系列正压型防爆配电柜 30
防爆操作、控制箱
BXK58-系列防爆控制箱 34
LBZ-10 系列防爆操作柱 38
SW-10 系列防爆照明开关 42
LBZ-10S 系列防爆操作柱 44
BF28158-g 系列防爆防腐操作柱 47
dLXK-系列防爆行程开关 50
LA53-系列防爆控制按钮 53
BF28158-g 系列防爆防腐控制箱 55
8077/1-系列防爆行程开关 58
口 XN-防爆消防报警按钮 60
防爆断路器
FCDZ52-g 系列防爆断路器 62
BF28159-g 系列防爆防腐断路器 65
FCDZ52-系列防爆断路器 68
防爆启动器类
口 DG58-口 DQ 系列防爆动力配电箱（电磁起动） 73
BQC53-系列防爆电磁起动器 77
防爆接线箱
eJX-系列防爆接线箱 81
BJX-系列防爆接线箱 84
BJX-g 系列防爆接线箱 87
BF28158-g 系列防爆防腐接线箱 90
防爆插销类
AC 系列防爆插销 93

□ □ G58-系列防爆照明(动力)配电箱

□ □ G58- Series explosion-proof illumination (power) distribution box



■ 型号含义 Model implication

□□ G 58-□□ / □□ K □□□□□T□

- B-ⅡB类防爆 / Class Ⅱ B explosion-proof
- C-ⅡC类防爆 / Class Ⅱ C explosion-proof
- M-照明 / M-Illumination
- D-动力 / D-Power
- 柜(箱)类 / Case type
- 设计序号 / Design No.
- F-粉尘防爆(不要求不注) / Dust explosion-proof(No marking without requirement)
- 支路数 / Nos of branches
- 支路电流 / Current of branch
- L-漏电保护(不带不注) / Creepage protection(No marking if without)
- G-光控(不带不注) / Optic-control(No marking if without)
- D-动力检修 / Power maintaining
- 带总开关(不带不注) / With master switch(No marking if without)
- 总开关电流 / master switch current
- 进线口方向 / Ways of inlet: D-上进线 Top inlet; X-下进线 Bottom inlet
- 进线口数量(单口不注)/螺纹(见P71~P76) / Inlet number (No marking for single)/ thread((See P71~P76))
- 出线口方向 / Ways of outlet: D-上出线 Top outlet; X-下出线 Bottom outlet
- 出线口数量/螺纹(见P71~P76) / Outlet number / thread(See P71~P76)
- 特殊要求 / Special requirement
- WF1-户外防中等腐蚀(不带不注) / WF1- Outdoor medium erosion-proof (No marking if without)

■ 适用范围 Applications

1. 广泛用于石油开采、炼油、化工、海洋石油平台、油轮等易燃易爆气体环境，也用于军工、港口、粮食储存、金属加工等可燃性粉尘场所；
2. 适用于爆炸性气体环境的1区、2区；
3. 适用于ⅡA、ⅡB、 ⅡC类爆炸性气体环境；
4. 适用于可燃性粉尘环境的21区、22区；
5. 适用于温度组别为T1～T4/T5/T6；
6. 用于照明或动力线路的配电，电气设备通断控制或检维修配电。

1. It is widely used in flammable and explosive gas environment such as oil exploitation, refining, chemical industry, offshore oil platform, oil tanker, etc. It is also used in flammable dust places such as military industry, port, grain storage and metal processing;
2. Applicable to Zone 1 and Zone 2 of explosive gas environment;
3. Applicable to IIA, IIB, IIC explosive gas environment;
4. Applicable to areas 21 and 22 of flammable dust environment;
5. Applicable to the temperature group is T1 ~ T4 / T5 / T6;
6. For the distribution of lighting or power lines, electrical equipment on-off control or inspection and maintenance distribution.

□ □ G58-系列防爆照明(动力)配电箱

□ □ G58- Series explosion-proof illumination (power) distribution box

■ 执行标准 Executive standard

GB 3836.1、GB 3836.2、GB 3836.3、GB 12476.1、GB 12476.5、IEC 60079-0、IEC 60079-1、IEC 60079-7、IEC 61241-0、IEC 61241-1、EN 60079-0、EN 60079-1、EN 60079-7、EN 61241-0、EN 61241-1

■ 产品特点 Features

1. 产品外壳为铸铝合金ZL102。采用一次压铸成型工艺，表面光滑，外形美观，内部组织致密度高，抗冲击性能强，防爆性能好，产品上有压制的永久性“Ex”防爆标志。
2. 表面通过工业机器人去除毛刺和高速抛丸后，采用先进的全自动高压静电喷塑、热固化流水线工艺，壳体表面形成的塑层附着力强，产品的防腐能力好。
3. 元件腔采用隔爆型防爆结构，壁厚达12mm，进、出线腔采用增安型防爆结构。各腔体之间采用模块式组合，隔爆腔之间互不相 通，减小了单个腔体的净容积，从而消除了爆炸压力重迭，增强了产品的防爆性能。
4. 采用自主研发的组合式防爆配电箱专利技术，对配电箱进行模块化优化设计和组合，可根据要求对各回路任意组合，极大地方面了不同场所对配电设备的配置要求。
5. 密封条采用双组份聚氨酯一次线浇发泡成型工艺，具备高防护性能。
6. 盖板上设有专用操作机构，可实现全封闭操作，可根据要求加装挂锁，避免误操作。
7. 总开关、分开关操作面板区分明显，便于现场识别。
8. 所有外露紧固件均采用不锈钢材质。
9. 电缆进出线方向，可根据用户要求做成上进上出、下进下出、上进下出、下进上出等多种形式。
10. 进出线口通常采用管螺纹，配置电缆夹紧密封装置；也可根据用户现场要求，制成公制螺纹、NPT螺纹等形式。
11. 钢管、电缆布线均可。
12. 户外使用的产品可根据用户要求配置防雨罩。
13. 配电箱安装方式一般为挂式，特殊要求时可制成立式、座式或配电柜式。

1. The outer casing of the product is cast aluminum alloy ZL102. Adopting one-time die-casting process, the surface is smooth, the appearance is beautiful, the internal structure is high in density, the impact resistance is strong, and the explosion-proof performance is good. There is a permanent “Ex” explosion-proof mark on the product.
2. After the surface is removed by industrial robots and high-speed shot blasting, the advanced automatic high-pressure electrostatic spray and heat-curing line process is adopted to form the plastic layer adhesion on the surface of the shell. Strong, the product's anti-corrosion ability is good.
3. The component cavity adopts explosion-proof explosion-proof structure with a wall thickness of 12mm, and the inlet and outlet chambers adopt an increased safety explosion-proof structure. Modular combination between the cavities, the explosion-proof chambers are not in phase Bypassing, the net volume of a single cavity is reduced, thereby eliminating the overlap of the explosion pressure and enhancing the explosion-proof performance of the product.
4. Adopting the patented technology of the combined explosion-proof distribution box independently developed by the company, the modularization optimization design and combination of the distribution box can be arbitrarily combined according to the requirements. Configuration requirements for power distribution equipment in different locations.
5. The sealing strip adopts two-component polyurethane primary casting foaming process with high protection performance.
6. There is a special operating mechanism on the cover to achieve full-close operation. Padlocks can be added according to requirements to avoid misuse.
7. The main switch and sub-switch operation panel are clearly distinguished, which is convenient for on-site identification.
8. All exposed fasteners are made of stainless steel.
9. Cable in and out of the line, according to user requirements can be made up and down, down and down, up and down, down and up and other forms.
10. The inlet and outlet ports are usually made of pipe threads, and the cable clamping and sealing device is arranged. It can also be made into metric thread, NPT thread, etc. according to the requirements of the user's site.
11. Steel pipes and cable wiring are available.
12. For outdoor use, the rain cover can be configured according to user requirements.
13. The installation method of the distribution box is generally hanging type, and it can be established, seat type or power distribution cabinet when special requirements.

□ □ G58-系列防爆照明(动力)配电箱

□ □ G58- Series explosion-proof illumination (power) distribution box

■ 主要技术参数 Main technical parameters

型号 Type	额定电压 Rated voltage (V)	主回路电流 Current of main circuit (A)	支路数 Nos. of branches	主回路开关数(台) Nos. of switch of main circuit	支路电流 Current of branch (A)	电缆外径 Cable outer dia. (mm) 进线 Inlet	电缆外径 Cable outer dia. (mm) 出线 Outlet
□ □ G58-4	220/380	10～630	4		1, 3, 6, 10, 16, 20 25, 32, 40, 50, 63 100, 125, 225, 250 400	Φ14～Φ66	Φ8～Φ43
□ □ G58-6			6				
□ □ G58-8			8				
□ □ G58-10			10				
□ □ G58-12			12				
□ □ G58-4K			4	1			
□ □ G58-6K			6				
□ □ G58-8K			8				
□ □ G58-10K			10				
□ □ G58-12K			12				

注：最大支路数为36。

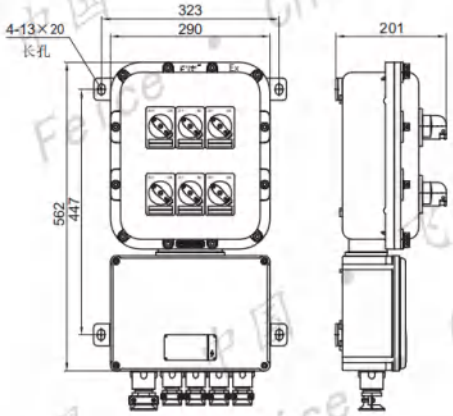
动力检修箱参数 Power maintaining parameters

型 号 Type	额定电压 Rated voltage (V)	支路电流 Current of branch (A)	支路数 Nos.of branches	电缆外径 Cable outer dia. (mm) 进线Inlet	电缆外径 Cable outer dia. (mm) 出线 Outlet
□ DG58-2/□ D	380, 220	50～250	2	Φ14～Φ66	Φ8～Φ43
□ DG58-4/□ D			4		

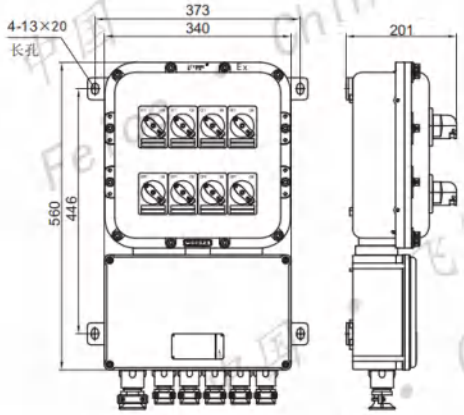
防爆标志 Ex-mark	防护等级 Degree of protection	防腐等级 Erosion-proof-class	进线/出线口螺纹 Inlet/outlet thread 进线Inlet	进线/出线口螺纹 Inlet/outlet thread 出线Outlet
Ex dⅡB T6/T5/T4 Gb Ex d eⅡB T6/T5/T4 Gb Ex d eⅡC T6/T5/T4 Gb Ex tD A21 IP66 T80℃	IP65,IP66*	WF1 WF2	G1~G4	G½~G2

*. 要求IP66，WF2 需注明。 IP66 , WF2 requirements must be marked

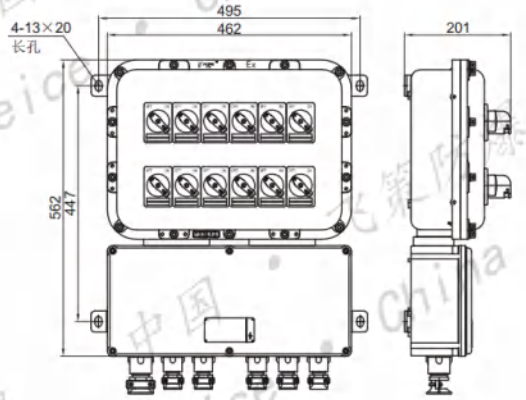
■ 外形及安装尺寸 Outlines & installation dimensions



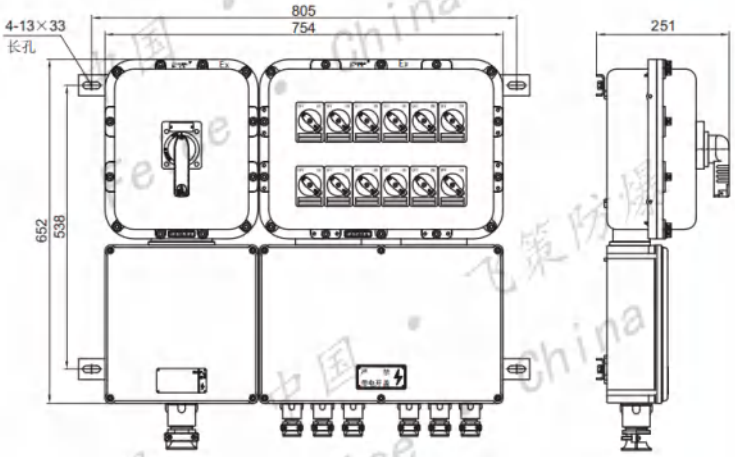
6回路不带总开关下进下出(IIB)
6 loop without main switch down and down (IIB)



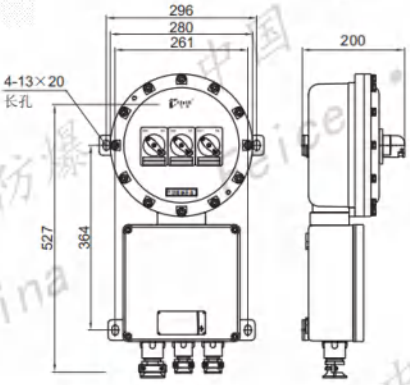
8回路不带总开关下进下出(IIB)
8 loop without main switch down and down (IIB)



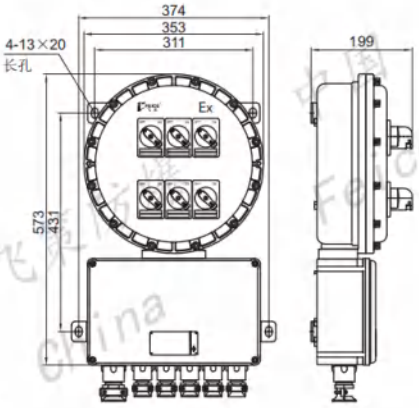
12回路不带总开关下进下出(IIB)
12 loop without main switch down and down (IIB)



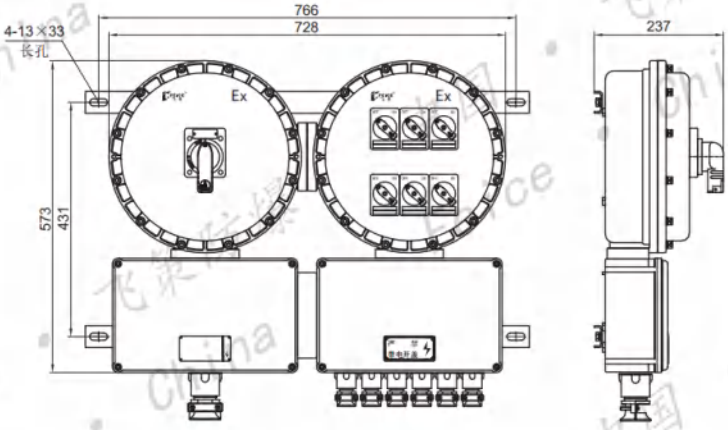
12回路带塑壳总开关下进下出(IIB)
12 loop with molded case main switch down and down (IIB)



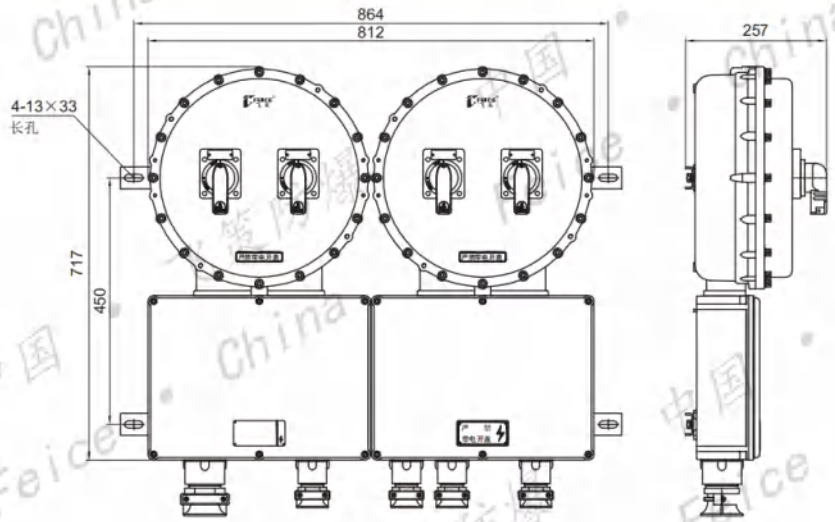
2回路带总开关下进下出(IIC)
2 loop with main switch down and down (IIC)



6回路不带总开关下进下出(IIC)
6 loop without main switch down and down (IIC)

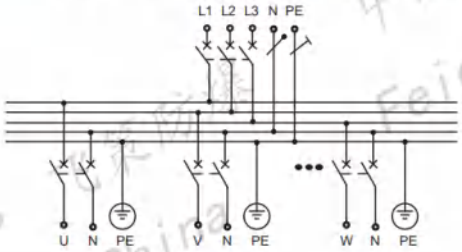


6回路带塑壳总开关下进下出(IIC)
6 Loop With Molded Case Main Switch Down And Down (IIC)

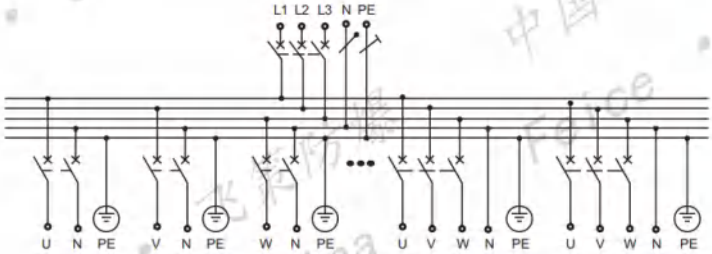


4回路塑壳不带总开关下进下出(IIB)
4-circuit molded case without main switch down and down (IIB)

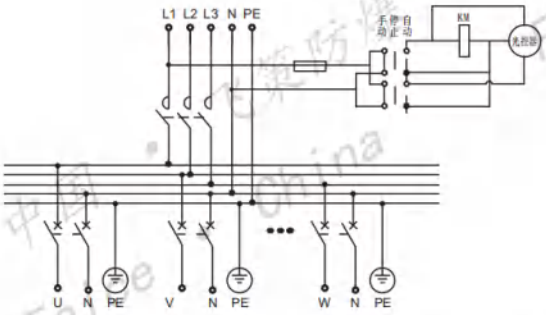
■ 电气原理图 Electrical diagram



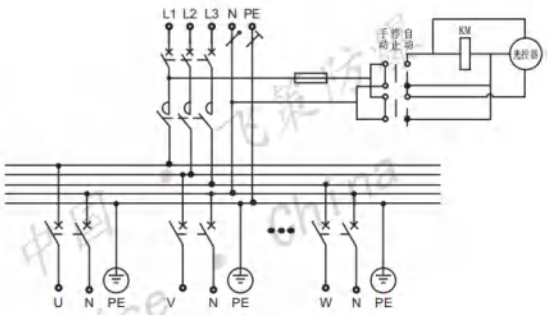
□ MG58-□ /□ K 照明箱(带总开关)
Illumination box (With master switch)



□ □ G58-□ /□ K照明(动力)混装(带总开关)
Illumination (Power) box (With master switch)



□ MG58-□ /□ G 光控照明箱(不带总开关)
Illumination box(without master switch)



□ MG58-□ /□ GK 光控照明箱(带总开关)
Illumination box(with master switch)

■ 订货须知 Order note

1. 用户在订货时，需注明配电箱的回路数，各回路数相应的电流及断路器的极数，若需带漏电功能，则还需注明；若需带总开关则注明总开关的电流和极数，并注明进出线方向，进出线规格及对应的数量；
2. 一般情况下，用户必须提供电气原理图。我司可根据用户要求设计出最佳方案并经确认后生产。

1. When ordering, number of circuits, the corresponding current and circuit breaker poler number are necessory If it is with leakage function, please indicate its current and poles and ways, size and quantity of inlet and outlet;
2. User must supply electrical diagram generally. Our company can design the best solution according to the user's requirements and confirm it and produce it.

□ □ G58-g系列防爆防腐照明(动力)配电箱

□ □ G58-g Series explosion corrosion-proof illumination (power) distribution box



■ 型号含义 Model implication

□□ G 58 -g□□/□□ K □□□□□T□

- B-ⅡB类防爆 / Class ⅡB explosion-proof
- C-ⅡC类防爆 / Class ⅡC explosion-proof
- M-照明 / Illumination
- D-动力 / Power
- 柜(箱)类 / Case type
- 设计序号 / Design No.
- 不锈钢外壳 / Stainless steel enclosure
- F-粉尘防爆(不要求不注) / Dust explosion-proof(No marking without requirement)
- 支路数 / Number of branches
- 支路电流 / Current of branch
- L-漏电保护(不带不注) / Creepage protection(No marking if without)
- G-光控(不带不注) / Optic-control(No marking if without)
- 带总开关(不带不注) / With master switch(No marking if without)
- 总开关电流 / Master switch current
- 进线口方向 / Ways of inlet: D-上进线 Top Inlet; X-下进线 Bottom Inlet
- 进线口数/螺纹规格(见P71~P76) / Nos. of inlet/thread specification(see P71~P76)
- 出线口方向 / Ways of outlet: D-上出线 Top outlet; X-下出线 Bottom outlet
- 出线口数/螺纹规格(见P71~P76) / Nos. of outlet/ thread specification (see P71~P76)
- 特殊要求 / Special requirement
- WF2-户外防强腐蚀(不要求不注) / Serious erosion-proof outdoor(No marking without requirement)

■ 适用范围 Applications

1. 广泛用于石油开采、炼油、化工、海洋石油平台、油轮等易燃易爆气体环境，也用于军工、港口、粮食储存、金属加工等可燃性粉尘场所；
2. 适用于爆炸性气体环境的1区、2区；
3. 适用于ⅡA、ⅡB、 ⅡC类爆炸性气体环境；
4. 适用于可燃性粉尘环境的21区、22区；
5. 适用于含有腐蚀性气体、潮湿、防护要求较高的场所；
6. 适用于温度组别为T1～T6；
7. 对所控制的电路进行过载、短路及保护并作各分支线路的照明(动力)开关之用。

1. It is widely used in flammable and explosive gas environment such as oil exploitation, refining, chemical industry, offshore oil platform, oil tanker, etc. It is also used in flammable dust places such as military industry, port, grain storage and metal processing;
2. Applicable to Zone 1 and Zone 2 of explosive gas environment;
3. Applicable to ⅡA, ⅡB, ⅡC explosive gas environment;
4. Applicable to areas 21 and 22 of flammable dust environment;
5. Applicable to corrosive gases, moisture, and high protection requirements place;
6. Applicable to the temperature group is T1 ~ T6;
7. Perform overload, short circuit and protection on the controlled circuit and make separate points Lighting (power) switch for branch lines.

执行标准 Executive standard

GB 3836.1、GB 3836.2、GB 3836.3、GB 12476.1、GB 12476.5、IEC 60079-0、IEC 60079-1、IEC 60079-7、IEC 61241-0、IEC 61241-1、EN 60079-0、EN 60079-1、EN 60079-7、EN 61241-0、EN 61241-1

产品特点 Features

1. 开关腔采用隔爆型结构，进、出线腔采用增安型结构。各腔体之间采用模块式组合，腔体之间互不相通，减小单个腔体的净容积，从而消除了爆炸压力重迭，增强了产品的防爆性能；各回路可以自由选择、拼装；体积小，整齐、美观，占用现场空间少；重量轻，安装、维护方便。
2. 外壳采用不锈钢板焊接而成，产品防腐能力、抗冲击性能强，外壳防爆性能好，产品上采用激光雕刻成永久“Ex”防爆标志。
3. 内装高分断小型断路器、接触器、热继电器、按钮及信号灯等元件，具有过载、短路、漏电保护等功能。
4. 盖板上设有专用操作机构，可实现全封闭操作，可根据要求加装挂锁，避免误操作。产品在恶劣环境下也可正常操作，保证了使用者的人身安全。
5. 总开关、分开关操作面板区分明显，便于现场识别。
6. 所有外露紧固件均采用不锈钢材质。
7. 电缆进出线方向，可根据用户要求做成上进上出、下进下出、上进下出、下进上出等多种形式。
8. 进出线口通常采用管螺纹，配置电缆夹紧密封装置；也可根据用户现场要求，制成公制螺纹、NPT螺纹等形式。
9. 钢管、电缆布线均可。
10. 配电箱内装元件、支路数可根据用户要求配置；户外使用的产品可根据用户要求配置防雨罩。
11. 配电箱安装方式一般为挂式，特殊要求时可制成立式、座式或配电柜式。

1. The switch cavity adopts an explosion-proof structure, and the inlet and outlet chambers adopt an increased safety structure. The modular combination between the cavities, the cavities are not connected to each other, reducing the net volume of the single cavity, thereby eliminating the overlap of the explosion pressure and enhancing the explosion-proof performance of the product; each circuit can be freely selected and assembled; Small size, neat, beautiful, occupying less space on site; light weight, easy to install and maintain.
2. The outer casing is welded by stainless steel plate. The product has strong anti-corrosion ability and impact resistance, and the outer casing has good explosion-proof performance. The product is laser-engraved into a permanent “Ex” explosion-proof mark.
3. Built-in high-breaking miniature circuit breakers, contactors, thermal relays, buttons and signal lights, etc., with overload, short circuit, leakage protection and other functions.
4. There is a special operating mechanism on the cover plate to realize full-close operation. Padlocks can be installed according to requirements to avoid misoperation. The product can also operate normally under harsh conditions, ensuring the personal safety of the user.
5. The main switch and sub-switch operation panels are clearly distinguishable for easy on-site identification.
6. All exposed fasteners are made of stainless steel.
7. Cable in and out of the line, according to user requirements can be made up and down, down and down, up and down, down and up and other forms.
8. The inlet and outlet ports usually adopt pipe threads and are equipped with cable clamping and sealing devices. They can also be made into metric threads and NPT threads according to the requirements of the user's site.
9. Steel pipes and cable wiring are available.
10. The components and branches in the distribution box can be configured according to user requirements; the outdoor products can be equipped with rain cover according to user requirements.
11. The installation method of the distribution box is generally hanging type. It can be established, seat type or power distribution cabinet when special requirements.

□ □ G58-g系列防爆防腐照明(动力)配电箱

□ □ G58-g Series explosion corrosion-proof illumination (power) distribution box

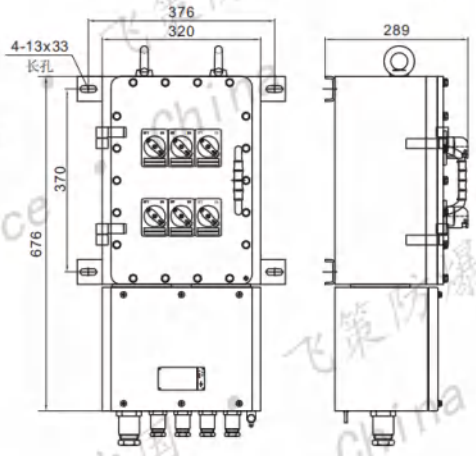
■ 主要技术参数 Main technical parameters

型号 Type	额定电压 Rated voltage (V)	主回路电流 Current of main circuit(A)	支路数 Nos. of branch	主回路开关数(台) Nos. of switches of main circuit	支路电流 Current of branch (A)	电缆外径 Cable outer dia. (mm)	
						进线Inlet	出线Outlet
□ □ G58-g4	380 220	10~250	4	1	1,2,4,6,10,16 20,25,32,40 50,63	Φ8～Φ80	Φ8～Φ80
□ □ G58-g6			6				
□ □ G58-g8			8				
□ □ G58-g10			10				
□ □ G58-g12			12				
□ □ G58-g4K			4				
□ □ G58-g6K			6				
□ □ G58-g8K			8				
□ □ G58-g10K			10				
□ □ G58-g12K			12				

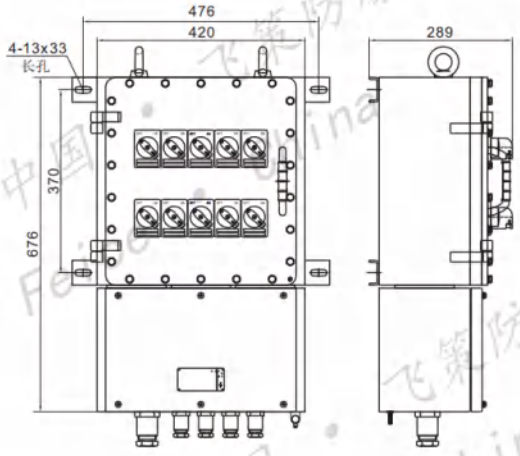
防爆标志 Ex-mark	防护等级 Degree of protection	防腐等级 Erosion-proof -class	进线/出线口螺纹 Inlet/outlet thread	
			进线Inlet	出线Outlet
Ex d e ⅡB T6/T5/T4 Gb Ex d e ⅡC T6/T5/T4 Gb Ex tD A21 IP66 80℃	IP65, IP66*	WF2	G½~G4	G½~G4 M16~M63

*. 要求IP66，需注明。 IP66 requirements must be marked

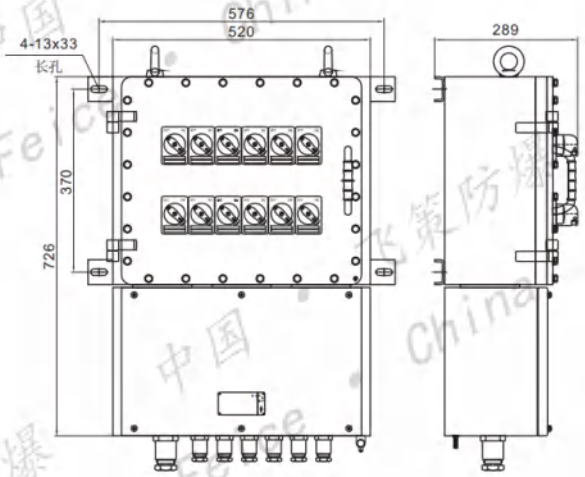
■ 外形及安装尺寸 Outline & installation dimensions



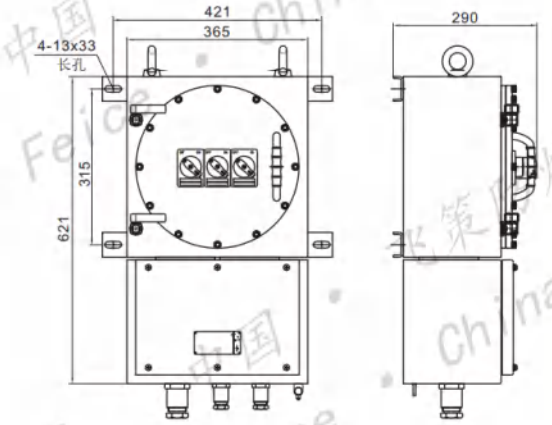
6回路不带总开关下进下出(IIB)
6 loop without main switch down and down (IIB)



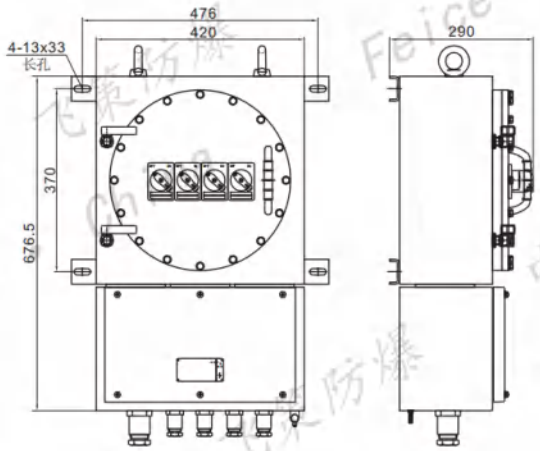
10回路不带总开关下进下出(IIB)
10 loop without main switch down and down (IIB)



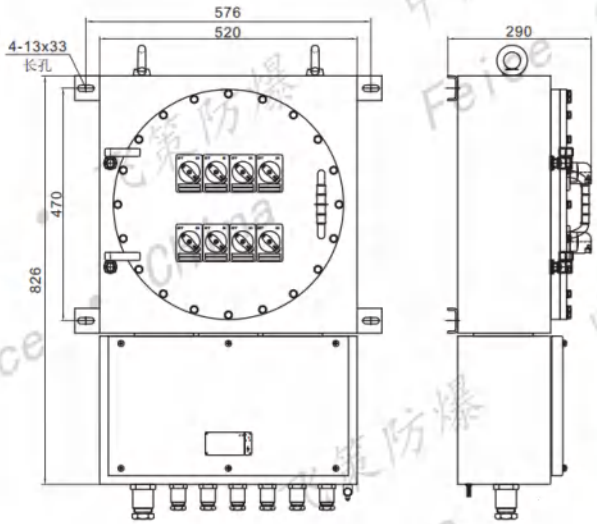
12回路不带总开关下进下出(IIB)
12 loop without main switch down and down (IIB)



2回路带总开关下进下出(IIC)
2 loop with main switch down and down (IIC)



4回路不带总开关下进下出(IIC)
4 loop without main switch down and down (IIC)



8回路不带总开关下进下出(IIC)
8 loop without main switch down and down (IIC)

■ 订货须知 Order note

1. 按照型号含义中的规则逐条进行选择，并在型号含义后增加防爆标志。
2. 如用户有特殊需求，需在订购时详细指明。

1. Accord with the model implication's rules to select regularly, and Ex-mark should be added behind model implication;
2. If there are some special requirements, it should be pointed as ordering.

□ □ G58-□ C系列防爆照明(动力)配电箱(检修电源插座箱)

□ □ G58-□ C series explosion-proof illumination (power) distribution box (power maintaining socket box)



■ 型号含义 Model implication

□□G 58-□□/□C□K□□□T□

- B-ⅡB类防爆 Class ⅡB explosion-proof
- C-ⅡC类防爆 Class ⅡC explosion-proof
- M-照明 M-Illumination
- D-动力 D-power
- 柜(箱)类 Case type
- 设计序号 Design No.
- F-粉尘防爆(不要求不注) Dust explosion-proof (No marking without requirement)
- 支路数 Nos of branches
- 支路电流 Current of branch
- 检修电源插座 Power maintaining socket box
- L-带漏电保护(不要求不注) With creepage protection(No marking without requirement)
- 带总开关(不带不注) With master switch(No marking if without)
- 总开关电流 Master switch current
- 进线口方向 Ways of inlet
  - D-上进线 Top inlet
  - X-下进线 Bottom inlet
- 进线口数量/螺纹(见P71~P76) Inlet number / thread (See P71~P76)
- 特殊要求(不要求不注) Special requirement(No marking without requirement)
- WF1-户外防中等腐蚀(不带不注) WF1- Outdoor medium erosion-proof (No marking if without)

■ 适用范围 Applications

1. 广泛用于石油开采、炼油、化工、海洋石油平台、油轮等易燃易爆气体环境，也用于军工、港口、粮食储存、金属加工等可燃性粉尘场所；
2. 适用于爆炸性气体环境的1区、2区；
3. 适用于ⅡA、ⅡB、 ⅡC类爆炸性气体环境；
4. 适用于可燃性粉尘环境的21区、22区；
5. 适用于温度组别为T1～T4/T5/T6；
6. 主要用于临时作业或移动作业的电源分配。

1. It is widely used in flammable and explosive gas environment such as oil exploitation, refining, chemical industry, offshore oil platform, oil tanker, etc. It is also used in flammable dust places such as military industry, port, grain storage and metal processing;
2. Applicable to Zone 1 and Zone 2 of explosive gas environment;
3. Applicable to IIA, IIB, IIC explosive gas environment;
4. Applicable to areas 21 and 22 of flammable dust environment;
5. Applicable to the temperature group is T1 ~ T4 / T5 / T6;
6. Mainly used for power distribution of temporary or mobile jobs.

■ 执行标准 Executive standard

GB 3836.1、GB 3836.2、GB 3836.3、GB 12476.1、GB 12476.5、IEC 60079-0、IEC 60079-1、IEC 60079-7、IEC 61241-0、IEC 61241-1、EN 60079-0、EN 60079-1、EN 60079-7、EN 61241-0、EN 61241-1

产品特点 Features

1. 产品结构主要由盖、壳体、防爆插销、内装断路器或防爆断路器、接线端子等组成。
2. 元件腔为隔爆型，壁厚达12mm，进线腔为增安型。各腔体之间采用模块式组合，隔爆腔之间互不相通，减小了单个腔体的净容积，从而消除了爆炸压力重迭，增强了产品的防爆性能。
3. 采用自主研发的组合式防爆配电箱专利技术，对配电箱进行模块化设计和组合，使整个配电箱结构更紧凑、使用效果更好；可根据要求对各回路任意组合，极大地方面了不同场所对配电设备的配置要求。
4. 产品表面通过工业机器人去除毛刺和高速抛丸后，采用先进的全自动高压静电喷塑、热固化流水线工艺，壳体表面形成的塑层附着力强，产品防腐能力好。
5. 内部可配塑壳断路器、高分断小型断路器、指示灯、按钮、仪表等元件，也可根据用户要求选择加装其他元件。户外产品可根据用户要求配置防雨罩。
6. 插座有多种规格，供用户选择。前级加装漏电保护功能的断路器。
7. 防爆插座可带挂锁，不使用时用挂锁锁好，有效防止他人误操作。
8. 插头与插座制成电气联锁结构，插头插入后，插头上的转套按顺时针旋转一定角度后插座内的开关闭合，同时插销不能拔脱，反之将套逆时针旋转一定角度后，开关分断，然后才能拔脱插头，插座上设有防护盖，在插头拔脱后，防护盖将插座遮蔽，以防外物进入。
9. 密封条采用双组份聚氨酯一次线浇发泡成型工艺，具备高防护性能。
10. 所有外露紧固件均采用不锈钢材质。
11. 电缆进线方向，可根据用户要求做成上进、下进形式。
12. 进出线口通常采用管螺纹，配置电缆夹紧密封装置；也可根据用户现场要求，制成公制螺纹、NPT螺纹等形式。
13. 钢管、电缆布线均可。
14. 安装方式一般为挂式，特殊要求时可做成立式、座式或配电柜式。

1. The product structure mainly consists of cover, housing, explosion-proof latch, built-in circuit breaker or explosion-proof circuit breaker, and terminal blocks.
2. The component cavity is flameproof, the wall thickness is up to 12mm, and the inlet cavity is increased in safety. The modular combination between the cavities, the explosion-proof chambers are not connected to each other, reducing the net volume of the single cavity, thereby eliminating the overlap of the explosion pressure and enhancing the explosion-proof performance of the product.
3. Adopting the patented technology of the combined explosion-proof distribution box independently developed, the modular design and combination of the distribution box makes the whole distribution box structure more compact and better in use effect; any combination of each circuit can be required according to requirements. The earth has the configuration requirements for power distribution equipment in different places.
4. After removing burrs and high-speed shot blasting by industrial robots, the advanced automatic high-pressure electrostatic spray and heat-curing line technology is adopted. The plastic layer formed on the surface of the shell has strong adhesion and good anti-corrosion ability.
5. Internal moldable circuit breaker, high-breaking miniature circuit breaker, indicator light, button, instrument and other components, and other components can be added according to user requirements. Outdoor products can be equipped with rain cover according to user requirements.
6. The socket has a variety of specifications for the user to choose. A circuit breaker with a leakage protection function installed in the front stage.
7. The explosion-proof socket can be padlocked, and it can be locked with a padlock when not in use, effectively preventing accidental operation by others.
8. The plug and the socket are made into an electrical interlocking structure. After the plug is inserted, the rotating sleeve on the plug rotates clockwise by a certain angle, and the switch in the socket is closed, and the latch cannot be pulled out. Otherwise, the sleeve is rotated counterclockwise by a certain angle. The switch is disconnected before the plug can be pulled out. The socket is provided with a protective cover. After the plug is pulled out, the protective cover shields the socket to prevent foreign objects from entering.
9. The sealing strip adopts two-component polyurethane primary casting foaming process, which has high protection performance.
10. All exposed fasteners are made of stainless steel.
11. The cable incoming direction can be made into the up and down form according to user requirements.
12. The inlet and outlet ports usually use pipe threads to configure the cable clamping and sealing device. They can also be made into metric thread, NPT thread, etc. according to the requirements of the user's site.
13. Steel pipes and cable wiring are available.
14. The installation method is generally hanging type, and it can be used as an established type, a seat type or a power distribution cabinet when special requirements are required.

□ □ G58-□ C系列防爆照明(动力)配电箱(检修电源插座箱)

□ □ G58-□ C series explosion-proof illumination (power) distribution box (power maintaining socket box)

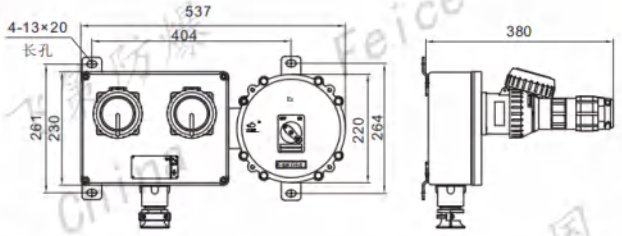
■ 主要技术参数 Main technical parameters

额定电流(A) Rated current	回路数 Nos.of circuits	电压 Voltage (V)	极数 Nos.of poles
≤250	≤30	220	1P+N+PE
		380	3P+PE 3P+N+PE

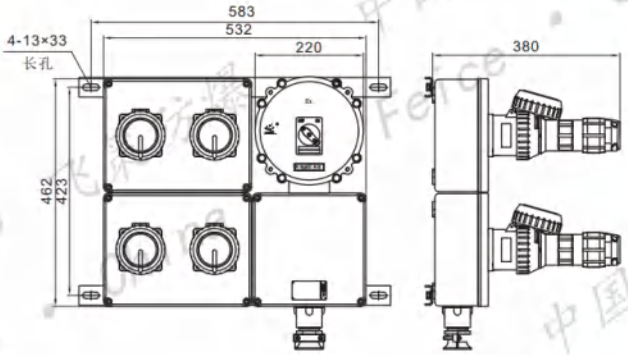
电缆外径 Cable outer dia. (mm)	进线口螺纹 Inlet thread(G)	防爆标志 Ex-mark	防腐等级 Erosion-proof -class	防护等级 Degree of protection
Φ8～Φ14	G¾	Ex d eⅡB T6 Gb Ex d eⅡC T6 Gb Ex tD A21 IP66 T80℃	WF1 WF2*	IP65 IP66*
Φ14～Φ18	G1			
Φ17～Φ23	G1¼			
Φ22～Φ30	G1½			
Φ25～Φ38	G2			

*. 要求需注明。 Requirements must be marked

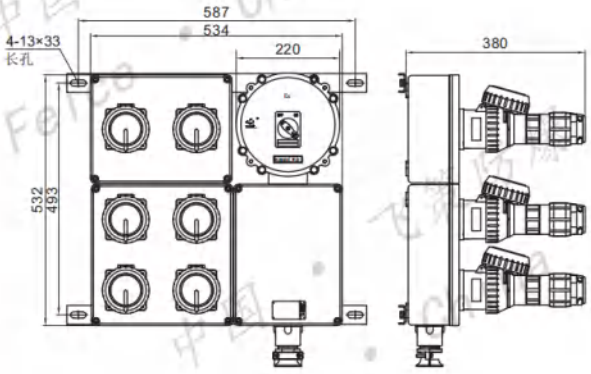
■ 外形、安装尺寸及电气原理图 Outline and installation dimensions&electric diagrams



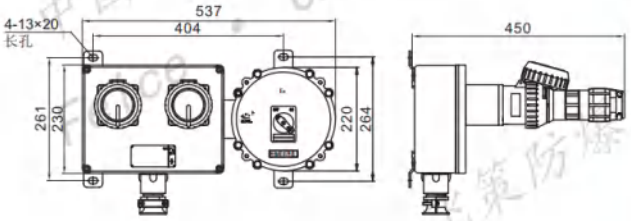
2回路带总关(≤63A) 16A插销
2 Loop With Total Off (≤63a) 16A Latch



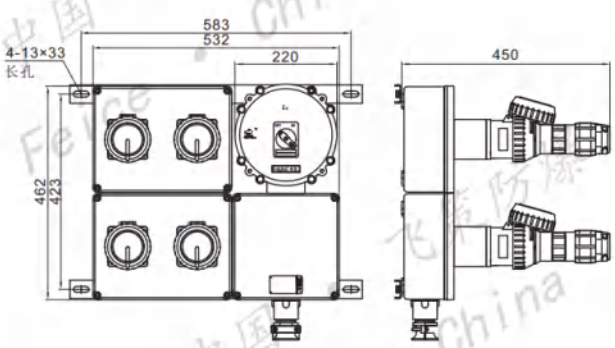
4回路带总关(≤63A) 16A插销
4 Loop With Total Off (≤63a) 16A Latch



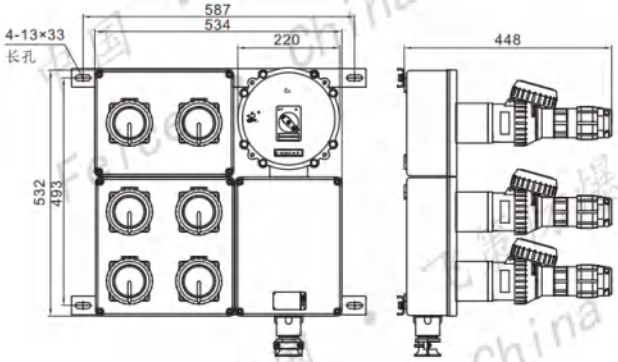
6回路带总关(≤63A) 16A插销
6 Loop With Total Off (≤63a) 16A Latch



2回路带总关(≤63A) 32A插销
2 Circuit With Total Off (≤63a) 32A Latch

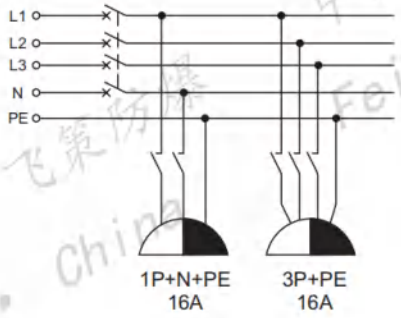


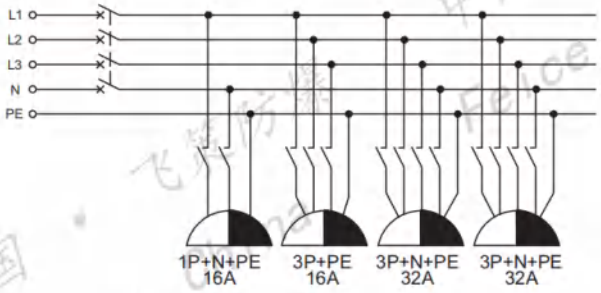
4回路带总关(≤63A) 32A插销
4 loop with total off(≤63A) 32A latch



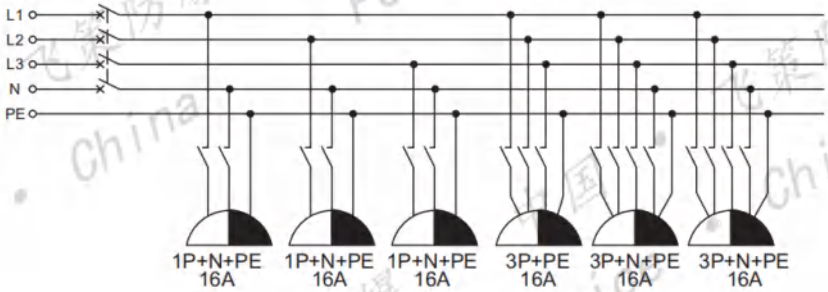
6回路带总关(≤63A) 32A插销
6 loop with total off(≤63A) 32A latch

■ 电气原理图 Electrical diagram





6回路下进线(16A)6 circuits bottom inlet



■ 订货须知 Order note

订货时应注明插座数量，对应的电压和电流、进线口数量、方向及规格，如需要配出线口，请注明方向数量及规格；如带开关请注明开关的电流大小及极数。一般情况下，用户需提供电气原理图。

Please indi cate its QTY, voltage, current, inlet QTY, inlet ways and size. If the outlet is necessary, please note its QTY and size. If it is with switch, please note its current and poles. In general, the user needs to provide an electrical schematic.

BF₂8159-g系列防爆防腐照明(动力)配电箱
BF₂8159-g Series explosion & corrosion-proof illumination (power) distribution box



型号含义 Model implication

BF₂ 8159-g□□□/□□ K□□□□□T WF2

- WF2-户外防强腐蚀(不要求不注) Serious erosion-proof outdoor (No marking without requirement)
- 特殊要求(按用户提供图纸制造) Special requirement (manufactured on user's drawing)
- 出线口数量/螺纹规格(见P71~P76) Nos of outlet/thread specification(see P71~P76)
- 出线口方向 D-上出线 X-下出线 Ways of outlet D-Top outlet X-Bottom outlet
- 进线口数量/螺纹规格(见P71~P76) Nos of inlet/thread specification(see P71~P76)
- 进线口方向: D-上进线 X-下进线 Ways of inlet D-Top inlet X-Bottom inlet
- 总开关电流 Master switch current
- 带总开关(不带不注) With master switch(No marking if without)
- L-漏电保护(不带不注) Creepage protection(No marking if without)
- G-光控(不带不注) Optic-control(No marking if without)
- 支路电流 Current of branch
- 支路数 Number of branches
- M-照明 Lighting
- D-动力 Power
- F-粉尘防爆(不要求不注) Dust explosion-proof (No marking without requirement)
- 不锈钢外壳 Stainless steel enclosure
- 设计序号 Design No.
- 防爆防强腐蚀 Explosion proof and serious corrosion-proof

适用范围 Applications

1. 广泛用于石油开采、炼油、化工、海洋石油平台、油轮等易燃易爆气体环境，也用于军工、港口、粮食储存、金属加工等可燃性粉尘场所；
2. 适用于爆炸性气体环境的1区、2区；
3. 适用于ⅡA、ⅡB、 ⅡC类爆炸性气体环境；
4. 适用于可燃性粉尘环境的21区、22区；
5. 适用于含有腐蚀性气体、潮湿、防护要求较高的场所；
6. 适用于温度组别为T1～T6；
7. 对所控制的电路进行过载、短路及保护并作各分支线路的照明(动力)开关之用。

1. It is widely used in flammable and explosive gas environment such as oil exploitation, refining, chemical industry, offshore oil platform, oil tanker, etc. It is also used in flammable dust places such as military industry, port, grain storage and metal processing;
2. Applicable to Zone 1 and Zone 2 of explosive gas environment;
3. Applicable to IIA, IIB, IIC explosive gas environment;
4. Applicable to areas 21 and 22 of flammable dust environment;
5. Applicable to corrosive gases, moisture, and high protection requirements place;
6. Applicable to the temperature group is T1 ~ T6;
7. Perform overload, short circuit and protection on the controlled circuit and make separate points Lighting (power) switch for branch lines.

执行标准 Executive standard

GB 3836.1、GB 3836.2、GB 3836.3、GB 12476.1、GB 12476.5、IEC 60079-0、IEC 60079-1、IEC 60079-7、IEC 61241-0、IEC 61241-1、EN 60079-0、EN 60079-1、EN 60079-7、EN 61241-0、EN 61241-1

产品特点 Features

1. 外壳采用不锈钢制作而成，外形美观，具有耐腐蚀，耐冲击及热稳定性好等特点。
2. 采用自主研发的组合式防爆配电箱专利技术，对配电箱进行模块化优化设计和组合，使整个配电箱结构更紧凑、使用效果更好；可根据要求对各回路任意组合，极大地方面了不同场所对配电设备的配置要求。
3. 行业首创并最新研发的大规格(电流)隔爆型单体断路器模块(250A、100A、63A Ex元件)能够满足增安型外壳不锈钢配电箱的配套使用。
4. 内装隔爆型元件。箱体之间采用拼装式结构，可以自由选择；体积小，整齐、美观，占用安装现场空间较少；重量轻，安装、维护方便。
5. 盖板上设有专用操作机构，可实现全封闭操作，可根据要求加装挂锁，避免误操作。产品在恶劣环境下也可正常操作，保证了使用者的人身安全。
6. 总开关、分开关操作面板区分明显，便于现场识别。
7. 所有外露紧固件均采用不锈钢材质。
8. 电缆进出线方向，可根据用户要求做成上进上出、下进下出、上进下出、下进上出等多种形式。
9. 进出线口通常采用管螺纹，配置电缆夹紧密封装置；也可根据用户现场要求，制成公制螺纹、NPT螺纹等形式。
10. 钢管、电缆布线均可。
11. 户外使用的产品可根据用户要求配置防雨罩。
12. 安装方式一般为挂式，特殊要求时可制成立式、座式或配电柜式。

1. The outer casing is made of stainless steel, which has beautiful appearance, corrosion resistance, impact resistance and good thermal stability.
2. Adopting the patented technology of the combined explosion-proof distribution box independently developed by the company, the modular optimization design and combination of the distribution box make the whole distribution box structure more compact and better in use effect; any combination of each circuit can be required according to requirements. Greatly, the configuration requirements for power distribution equipment in different places.
3. The industry's first and most recently developed large-scale (current) flameproof single-circuit breaker module (250A, 100A, 63A Ex components) can meet the supporting use of the increased safety stainless steel distribution box.
4. Built-in flameproof components. The assembled structure between the cabinets can be freely selected; the volume is small, neat and beautiful, and the installation space is small; the weight is light, and the installation and maintenance are convenient.
5. There is a special operating mechanism on the cover plate to achieve full-close operation. Padlocks can be added according to requirements to avoid misuse. The product can also operate normally under harsh conditions, ensuring the personal safety of the user.
6. The main switch and sub-switch operation panels are clearly distinguishable for easy on-site identification.
7. All exposed fasteners are made of stainless steel.
8. Cable in and out of the line, according to user requirements can be made up and down, down and down, up and down, down and up and other forms.
9. The inlet and outlet ports are usually made of pipe threads, and the cable clamping and sealing device is arranged. It can also be made into metric thread, NPT thread, etc. according to the requirements of the user's site.
10. Steel pipes and cable wiring are available.
11. For outdoor use, the rain cover can be configured according to user requirements.
12. The installation method is generally hanging type, which can be established, seat type or power distribution cabinet when special requirements.

BF₂8159-g系列防爆防腐照明(动力)配电箱
BF₂8159-g Series explosion & corrosion-proof illumination (power) distribution box

主要技术参数 Main technical parameters

额定电流 Rated current (A)	额定电压 Rated voltage (V)	支路数 Nos. of branches	极数 Nos. of poles	电缆外径(mm) Cable outer dia.
1, 2, 4, 6, 10, 16, 40, 50, 63, 80, 100, 125, 160, 180, 200, 225, 250	~220 ~380	2, 3, 6, 9, 12, 15…	2P, 2PL, 3P, 3PL, 3P+N,4P, 4PL	见See P71~P76

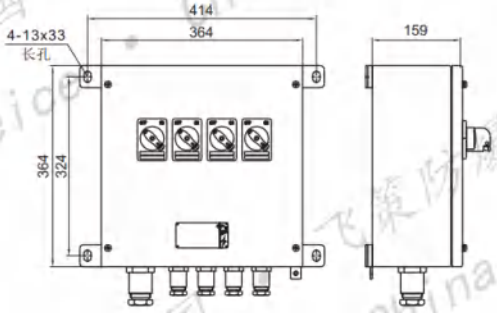
防爆标志 Ex-mark	防护等级 Degree of protection	防腐等级 Erosion-proof-class	进出线口螺纹 Inlet/outlet thread
Ex d e ⅡC T4 Gb Ex tD A21 IP66 80℃	IP65,IP66*	WF2	G½~G4 M16~M63

*. 要求IP66，需注明。 IP66 requirements must be marked

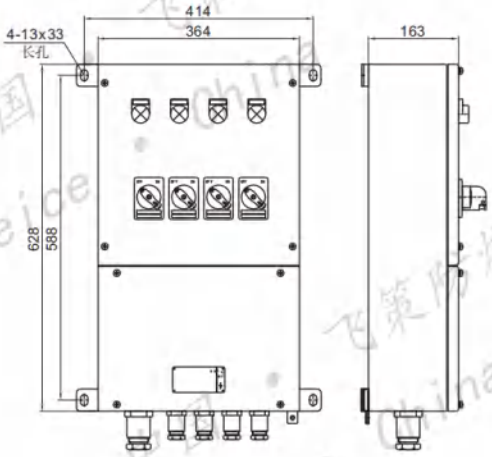
内装元件主要技术参数 Technical parameters of built-in components

防爆元件名称 Description	防爆防腐断路器(漏电) Erosion explosion-proof circuit breaker(leakage)	防爆防腐电动机保护开关 Explosion erosion-proof motor protection switch	防爆防腐电涌保护器 Explosion erosion-proof electric surge protector	防爆防腐隔离开关 Explosion erosion isolating switch
防爆元件型号 Description	8058/3(L)	8061	8064	8065
额定工作电压 Rated operation voltage	220~250V 380~400V	220~250V 380~400V	220~250V 380~400V	220~250V 380~400V
额定电流(A) Rated current	1,2,4,6,10,16,20, 25,32,40,50,63,80,100	0.1-0.16, 0.16-0.25, 0.25-0.4, 0.4-0.63, 0.63-1,1-1.6, 1.6-2.5, 2.5-4, 4-6.3, 6.3-10, 10-16, 16-20, 20-25	最大放电电流 Max discharging current 20,40,65kA	25,40,80,125(180)
其他参数 Other parameters	见see P210~P213	见see P219	见see P223~P224	见see P246

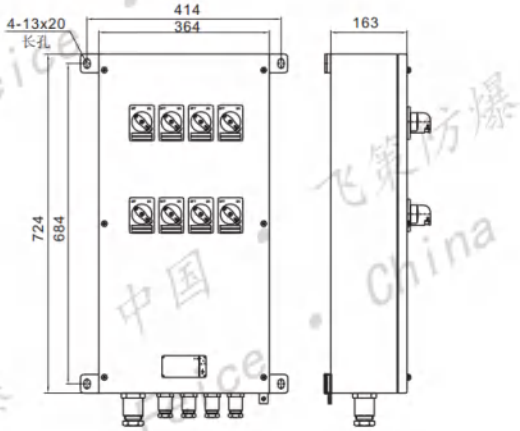
方案举例 Example



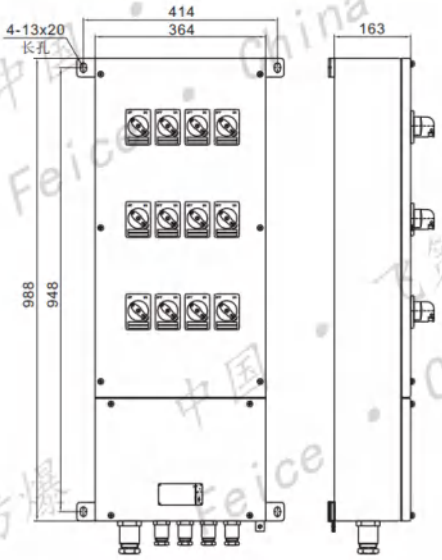
4回路不带总开关下进下出(IIB/IIC)
4 loop without main switch down and down (IIB/IIC)



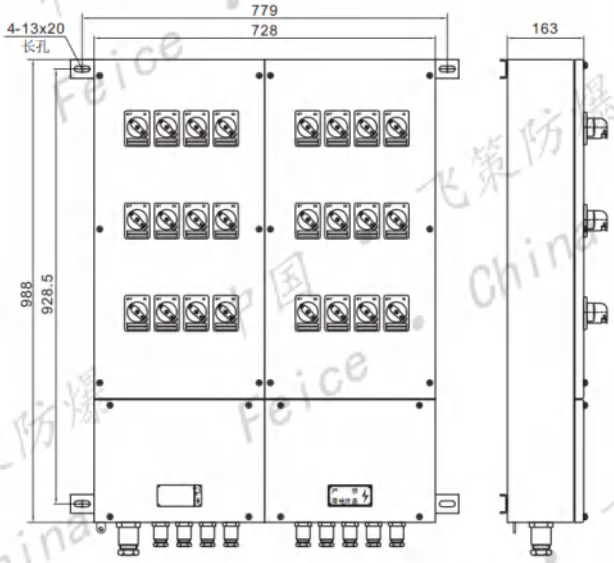
4回路不带总开关下进下出(IIB/IIC)
4 loop without main switch down and down (IIB/IIC)



8回路不带总开关下进下出(IIB/IIC)
8 loop without main switch down and down (IIB/IIC)



12回路不带总开关下进下出(IIB/IIC)
12 loop without main switch down and down (IIB/IIC)



24回路不带总开关下进下出(IIB/IIC)
24 loop without main switch down and down (IIB/IIC)

■ 订货须知 Order note

1. 按照型号含义中的规则逐条进行选择，并在型号含义后增加防爆标志。
2. 如用户有特殊需求，需在订购时详细指明。

1. Accord with the model implication's rules to select regularly, and Ex-mark should be added behind model implication;
2. If there are some special requirements, it should be pointed as ordering.

BDG58-□ DP系列防爆动力箱(检修电缆盘)
BDG58-□ DP series explosion-proof power box (cable maintaining set)



30/50米
30/50米50 meters



大于50米
above 50 meters

■ 型号含义 Model implication

BDG 58- □ □/□ K/□ DP □ T □

- BDG 58- 防爆动力箱 Explosion-proof power box
- □ 设计序号 Design No.
- □ F-粉尘防爆(不要求不注) Dust explosion-proof (No marking without requirement)
- □ 支路数 Nos. of branch
- □ 支流电流 Current of branch
- K 带总开关(不带不注) With master switch(No marking if without)
- □ 总开关电流 Master switch current
- DP 电缆盘 Cable reel
- □ 电缆长度(米) Cable length (Meter)
- T 特殊要求(不要求不注) Special requirement(No marking without requirement)
- □ WF1-户外防中等腐蚀(不要求不注) Outdoor middle erosion-proof(No marking without requirement)

■ 适用范围 Applications

1. 广泛用于石油开采、炼油、化工、海洋石油平台、油轮等易燃易爆气体环境，也用于军工、港口、粮食储存、金属加工等可燃性粉尘场所；
2. 适用于爆炸性气体环境的1区、2区；
3. 适用于ⅡA、ⅡB、 ⅡC类爆炸性气体环境；
4. 适用于可燃性粉尘环境的21区、22区；
5. 适用于温度组别为T1～T4/T5/T6；
6. 主要用于现场移动检修作业的电源分配。

1. It is widely used in flammable and explosive gas environment such as oil exploitation, refining, chemical industry, offshore oil platform, oil tanker, etc. It is also used in flammable dust places such as military industry, port, grain storage and metal processing;
2. Applicable to Zone 1 and Zone 2 of explosive gas environment;
3. Applicable to IIA, IIB, IIC explosive gas environment;
4. Applicable to areas 21 and 22 of flammable dust environment;
5. Applicable to the temperature group is T1 ~ T4 / T5 / T6;
6. Mainly used for power distribution of on-site mobile maintenance work.

■ 执行标准 Executive standard

GB 3836.1、GB 3836.2、GB 3836.3、GB 12476.1、GB 12476.5、IEC 60079-0、IEC 60079-1、IEC 60079-7、IEC 61241-0、IEC 61241-1、EN 60079-0、EN 60079-1、EN 60079-7、EN 61241-0、EN 61241-1

BDG58-□ DP系列防爆动力箱(检修电缆盘)
BDG58-□ DP series explosion-proof power box (cable maintaining set)

FEICE 飞策

■ 产品特点 Features

1. 转盘及防爆插销外壳采用高强度无铜铝一次性压铸成型，架体采用优质碳素钢焊接成形；表面经高速抛丸清理后高压静电喷涂，塑粉附着力强，具有良好的防腐性能，外表整洁，美观大方；
2. 具有过载，短路保护，也可根据要求增加漏电保护等功能；
3. 插销上有分、合指示，插头上接地触头比主触头长，插入时接地插头先接，拔脱时，接地触头后脱离；
4. 插座与插头设有联锁装置，断电后方能插拔；
5. 电缆盘转动灵活，移动时有托架及行走轮，移动方便；
6. 电缆长度标准配置为30米，可根据要求加长至100米；

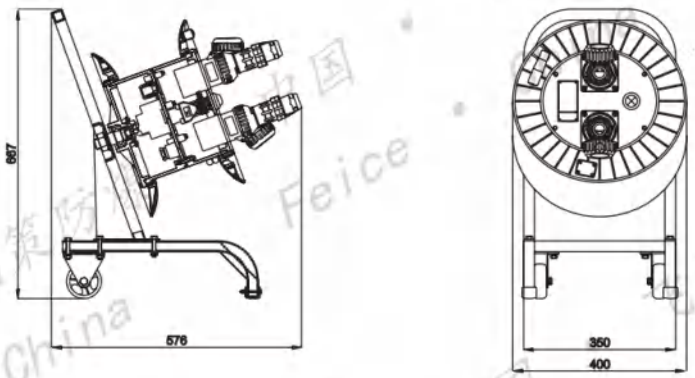
1. Dish and explosion-proof bolt One-step Die-casting modeling is made with high strength alumni without copper, frame body take high quality carbon armor plate jointed, high strength, and fine explosion-proof. Due to high voltage static spray after high-speedy polish, and plastic powder with good adhesion, the surface features good antiseptic property with clean and elegant appearance;
2. With protection of overload and short circuit, also can add eeakage protection device according to customer's request;
3. There are on off indication, the earthing contact is longer than the main contact, when pluging, plug the earth plug first; when pulling out, pull the earth contact later;
4. The socket and plug are interlocked, so they should be pulled out after cutting the power;
5. The cable plate can be turned actively and moved easily because of the bracket and moving wheels;
6. Cable length (standard): 30m, the length can be added to 100m on request;

■ 主要技术参数 Main technical parameters

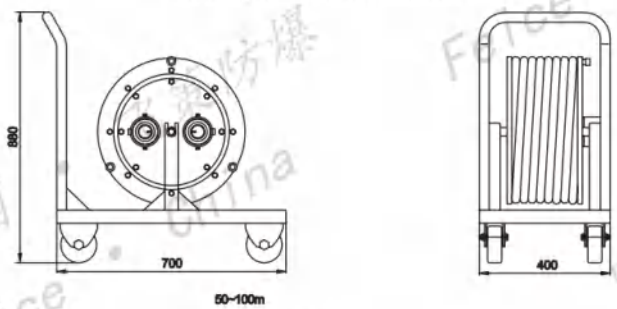
额定电流(A) Rated current	额定电压(V) Rated voltage	带总开关电流(A) With master switch current	电缆外径(mm) Cable outer dia.	防爆标志 Ex- mark	防护等级 Degree of protection	出线口螺纹(G) Outlet thread
16×2	220/380	32	Φ10～Φ14	Ex d eⅡB T6 Gb Ex d eⅡC T6 Gb Ex tD A21 IP66 T80℃	IP65 IP66*	G¾
32×2		63	Φ18～Φ22			G1¼

*. 要求IP66，需注明。 IP66 Requirements must be marked

■ 外形举例 Outline example



50米及以下
按此样式生产
According to this type for 50m or bellow



大于50米
按此样式生产
According to this type for over 50m

BF₂8159- g□ DQ系列防爆防腐动力配电箱(电磁起动)

BF₂8159- g□ DQ Series explosion & corrosion-proof power distribution box(electriomagnetic start)



防爆配电箱、起动器类

■ 型号含义 Model implication

BF₂ 8159- g□□/□D Q K □□□□□T□□

- WF2-户外防强腐蚀(不要求不注) Serious erosion-proof (No marking without requirement)
- 特殊要求(按用户提供图纸制造)Special requirement (according to user's drawings)
- 出线口数量/螺纹规格(见P71~P76) Nos of outlet/thread specification(see P71~P76)
- 出线口方向 D-上出线 X-下出线 Ways of outlet D-Top outlet X-Bottom outlet
- 进线口数量/螺纹规格(见P71~P76) Nos of inlet/thread specification(see P71~P76)
- 进线口方向: D-上进线 X-下进线 Ways of inlet D-Top inlet X-Bottom inlet
- 总开关电流 Master switch current
- 带总开关(不带不注) With master switch(No marking if without)
- P-箱面控制(可不注) Panel control (No marking)
- Y-远控 Remote control
- YP-两地控制 Panel and remote control
- 电磁起动 Electronmagnetic start
- 断路器 Circuit breaker
- 支路电流 Current of branch
- 支路数 Nos. of branch
- F-粉尘防爆(不要求不注) Dust explosion-proof (No marking without requirement)
- 不锈钢外壳 Stainless steel enclosure
- 设计序号 Design No.
- 防爆防强腐蚀Explosion-proof and serious erosion-proof

■ 适用范围 Applications

1. 广泛用于石油开采、炼油、化工、海洋石油平台、油轮等易燃易爆气体环境，也用于军工、港口、粮食储存、金属加工等可燃性粉尘场所；
2. 适用于爆炸性气体环境的1区、2区；
3. 适用于ⅡA、ⅡB、 ⅡC类爆炸性气体环境；
4. 适用于可燃性粉尘环境的21区、22区；
5. 适用于含有腐蚀性气体、潮湿、防护要求较高的场所；
6. 适用于温度组别为T1~T4；
7. 对所控制的电路进行过载、短路保护并作各分支线路的照明(动力)开关之用或作为负荷降压起动及控制电机起动、停止、正反转等。

1. It is widely used in flammable and explosive gas environment such as oil exploitation, refining, chemical industry, offshore oil platform, oil tanker, etc. It is also used in flammable dust places such as military industry, port, grain storage and metal processing;
2. Applicable to Zone 1 and Zone 2 of explosive gas environment;
3. Applicable to IIA, IIB, IIC explosive gas environment;
4. Applicable to areas 21 and 22 of flammable dust environment;
5. Applicable to corrosive gases, moisture, and high protection requirements place;
6. Applicable to the temperature group is T1 ~ T4;
7. Perform overload, short circuit and protection on the controlled circuit and make separate points Lighting (power) switch for branch lines.

执行标准 Executive standard

GB 3836.1、GB 3836.2、GB 3836.3、GB 12476.1、GB 12476.5、IEC 60079-0、IEC 60079-1、IEC 60079-7、IEC 61241-0、IEC 61241-1、EN 60079-0、EN 60079-1、EN 60079-7、EN 61241-0、EN 61241-1

产品特点 Features

1. 外壳采用不锈钢制成，外形美观，具有耐腐蚀，耐冲击及热稳定性好等特点；
2. 自主研发的组合式防爆配电箱专利技术，对配电箱进行模块化优化设计和组合，使整个配电箱结构更紧凑、使用效果更好；可根据要求对各回路任意组合，极大地方面了不同场所对配电设备的配置要求；
3. 行业首创并最新研发的大规格隔爆型单体断路器模块(250A、100A、63A Ex元件)能够满足增安外壳配电箱多种规格的配套使用；
4. 增安型外壳结构，内装防爆断路器、防爆交流接触器、防爆热继电器、防爆隔离开关、防爆控制按钮、防爆指示灯等元件；
5. 盖板上设有专用操作机构，可实现全封闭操作，可根据要求加装挂锁，避免误操作。产品在恶劣环境下也可正常操作，保证了使用者的人身安全；
6. 总开关、分开关操作面板区分明显，便于现场识别；
7. 所有外露紧固件均采用不锈钢材质；
8. 电缆进出线方向，可根据用户要求做成上进上出、下进下出、上进下出、下进上出等多种形式；
9. 进出线口通常采用管螺纹，配置电缆夹紧密封装置；也可根据用户现场要求，制成公制螺纹、NPT螺纹等形式；
10. 钢管、电缆布线均可；
11. 户外使用的产品可根据用户要求配置防雨罩。

1. The outer casing is made of stainless steel, which has beautiful appearance, corrosion resistance, impact resistance and good thermal stability.
2. The patented technology of the combined explosion-proof distribution box independently researched and developed, modularized optimization design and combination of the distribution box, make the whole distribution box structure more compact and better use effect; can be arbitrarily combined with each circuit according to requirements The earth has the configuration requirements for power distribution equipment in different places;
3. The industry's first and most recently developed large-scale flameproof single-circuit breaker module (250A, 100A, 63A Ex components) can meet the various specifications of the increased safety enclosure distribution box;
4. Increased safety type housing structure, built-in explosion-proof circuit breaker, explosion-proof AC contactor, explosion-proof thermal relay, explosion-proof isolation switch, explosion-proof control button, explosion-proof indicator and other components;
5. There is a special operating mechanism on the cover plate to achieve full-close operation. Padlocks can be added according to requirements to avoid misuse. The product can also operate normally under harsh environment, ensuring the personal safety of the user;
6. The main switch and sub-switch operation panel are clearly distinguished, which is convenient for on-site identification;
7. All exposed fasteners are made of stainless steel;
8. Cable in and out of the line, according to user requirements can be made up, up and down, up and down, up and down, down and up and other forms;
9. The inlet and outlet ports usually use pipe threads to configure the cable clamping and sealing device; they can also be made into metric thread, NPT thread, etc. according to the requirements of the user's site;
10. Steel pipes and cable wiring can be used;
11. For outdoor use, the rain cover can be configured according to user requirements.

主要技术参数 Main technical parameters

热继电器整定电流 Thermal relay setting current (A)	额定电压 Rated voltage(V)	支路数 Nos. of branches	极数 Nos. of poles	电缆外径(mm) Cable outer dia.
1,2,4,6,10,16,20,25	~220 ~380	2,3,6,9,12	2P,3P,3P+N,4P	见See P71~P76

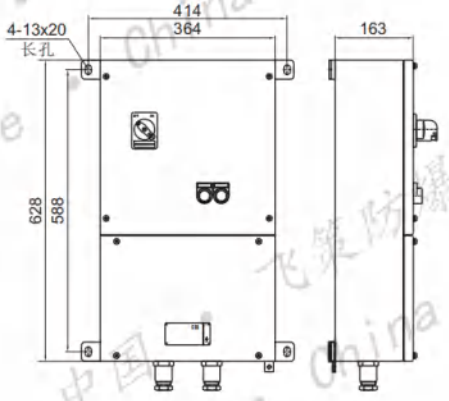
防爆标志 Ex-mark	防护等级 Degree of protection	防腐等级 Erosion-proof-class	进出线口螺纹 Inlet/outlet thread
Ex d e ⅡC T4 Gb Ex tD A21 IP66 80℃	IP65 IP66*	WF2	G½~G4 M16~M63

*. 要求IP66，需注明。 IP66 requirements must be marked

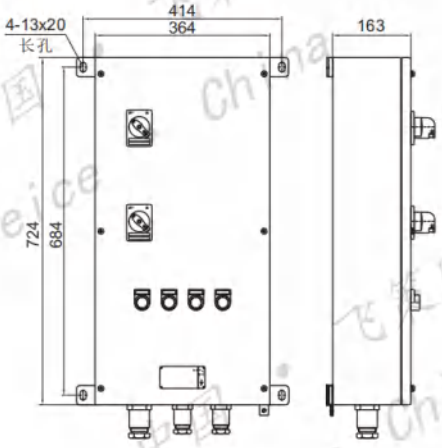
内装元件主要技术参数 Technical parameters of built-in components

防爆元件名称 Description	防爆防腐断路器(漏电) Explosion erosion-proof circuit breaker (leakage)	防爆交流接触器 Explosion-proof AC contactor	防爆热继电器 Explosion-proof thermal relay	防爆防腐隔离开关 Explosion erosion isolating switch
防爆元件型号 Description	8058/3(L)	8059	8060	8065
额定工作电压 Rated operation voltage	220~250V 380~400V	220~250V 380~400V	220~250V 380~400V	220~250V 380~400V
额定电流(A) Rated current	1,2,4,6,10,16,20, 25,32,40,50,63,80,100	15.5, 20.5	0.1-0.16,0.16-0.24,0.24-0.4, 0.4-0.6,0.6-1,1-1.6,1.6-2.4, 2.4-4,4-6,6-10,10-16,16-24	25,40,80,125(180)
其他参数 Other parameters	见see P210~P211	见see P214~P215	见see P218	见see P246

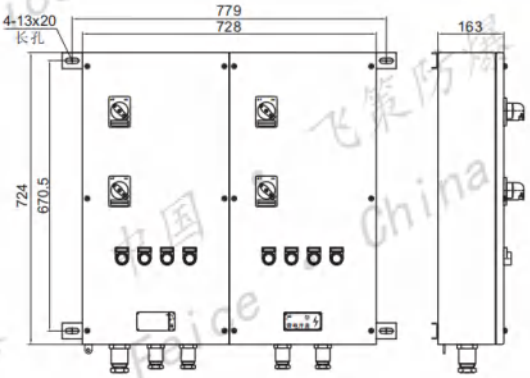
方案举例 Example



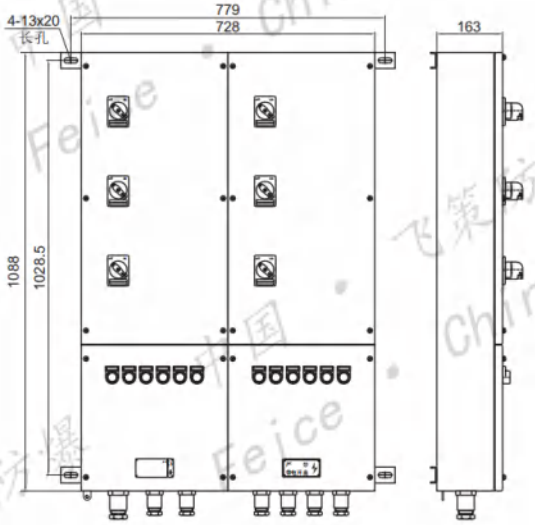
1回路带开关11kW及以下
1 circuit with switch 11kW and below



2回路带支路开关11kW及以下
2 circuit with branch switch 11kW and below

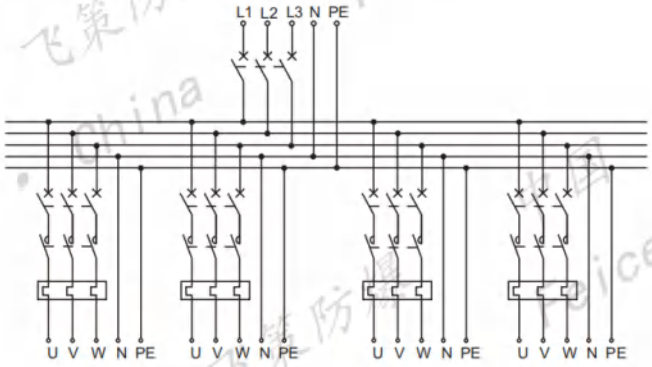


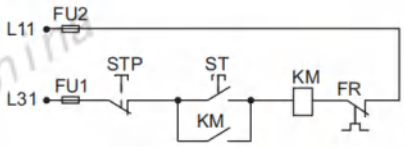
4回路带支路开关11kW及以下
4 circuit with branch switch 11kW and below



6回路带支路开关11kW及以下
6 circuit with branch switch 11kW and below

■ 电气原理图 Electric scheme





控制回路图
Control circuit diagram

■ 订货须知 Order note

1. 按照型号含义中的规则逐条进行选择，并在型号含义后增加防爆标志。
2. 如用户有特殊需求，需在订购时详细指明。
1. Accord with the model implication's rules to select regularly, and Ex-mark should be added behind model implication;
2. If there are some special requirements, it should be pointed as ordering.

BPG-系列防爆配电柜
BPG-Series explosion-proof distribution board

型号含义 Model implication

BP G-□□□T WF1

- 户外防中等腐蚀(不要求不注) Outdoor middle erosion-proof (No marking without requirement)
- 特殊要求 Special requirement
- Z-座式安装 Seat type mounting
- G-挂式安装 Hanging mounting
- B-ⅡB类防爆(可不注) Class ⅡB explosion-proof (No marking)
- C-ⅡC类防爆 Class ⅡC explosion-proof
- F-粉尘防爆 Dust explosion-proof
- 支路数 Nos. of branches
- 配电柜 Distribution board
- 防爆电控设备 Explosion-proof electric control equipment



适用范围 Applications

1. 广泛用于石油开采、炼油、化工、海洋石油平台、油轮等易燃易爆气体环境，也用于军工、港口、粮食储存、金属加工等可燃性粉尘场所；
2. 适用于爆炸性气体环境的1区、2区；
3. 适用于ⅡA、ⅡB、 ⅡC类爆炸性气体环境；
4. 适用于可燃性粉尘环境的21区、22区；
5. 适用于温度组别为T1～T4/T5/T6；
6. 用于照明或动力线路的配电，电气设备通断控制。

1. It is widely used in flammable and explosive gas environment such as oil exploitation, refining, chemical industry, offshore oil platform, oil tanker, etc. It is also used in flammable dust places such as military industry, port, grain storage and metal processing;
2. Applicable to Zone 1 and Zone 2 of explosive gas environment;
3. Applicable to IIA, IIB, IIC explosive gas environment;
4. Applicable to areas 21 and 22 of flammable dust environment;
5. Applicable to the temperature group is T1 ~ T4 / T5 / T6;
6. For the distribution of lighting or power lines, electrical equipment on-off control or inspection and maintenance distribution.

执行标准 Executive standard

GB 3836.1、GB 3836.2、GB 3836.3、GB 12476.1、GB 12476.5、IEC 60079-0、IEC 60079-1、IEC 60079-7、IEC 61241-0、IEC 61241-1、EN 60079-0、EN 60079-1、EN 60079-7、EN 61241-0、EN 61241-1

产品特点 Features

1. 外壳采用优质钢板或不锈钢板焊接成型，内装各种防爆电器或各种防爆电器组合；
   例：防爆动力(照明)配电箱、防爆电磁起动器、防爆动力检修箱、防爆检修电源插座箱等防爆电器；
2. 操作方式可根据要求制成面板上直接操作或开门后操作等形式；
3. 可实现对电路中的各种参数进行计量和监测，通过内装各种防爆电表或各种二次仪表来实现；
4. 可满足大电流的防爆(电磁起动)配电装置(降压)；
5. 可实现两路或多路电源进线进行电路的自动或手动切换；
6. 根据用户提供的电气原理图及主要技术参数选定相应的防爆电器组合，确定配电柜的外形尺寸，满足用户现场的需要。

1. Shell is made of high qualified steel plate or stainless steel plate welding forming, it is built-in many kinds of explosion-proof apparatus or their combination; eg : explosion-proof power (illumination) distribution box, explosion-proof electromagnetic starter, explosion-proof power maintaining box, explosion- proof power maintaining socket box, etc;
2. The operating ways can be on panel direct or inside operation according to the detail request;
3. Can realize monitoring and measurement for the various parameters in circuit , pressure and temperature can be realized by building in various explosion-proof meters or secondary meters;
4. It can satisfy explosion-proof distribution set (electromagnetic starter) with heavy current;
5. Two or multi-circuits entry can be converted, by hand or automatically;
6. According to the electric scheme and main technical parameters offered by user, select explosion-proof electrical equipments and, decide the outline dimensions of distribution board, to satisfy user's locale requirement.

订货须知 Order note

1. 请提供产品电气原理图 。
2. 按用户要求，选装相应防爆电器产品 。
3. 配电柜一般为落地式安装，有特殊要求请注明 。

1. Please supply the electrical diagram;
2. Select the corresponding explosion-proof electrical equipments according to user's requirements;
3. Generally the distribution board is seat type installed. please indicate if there is special requirements.

$BF_2$8159-gQ系列防爆防腐电磁起动器
$BF_2$8159-gQ series explosion&erosion-proof electromagnetic starter



型号含义 Model implication

BF2 8159- g Q□ □ /□ □ K □ □ /□ N T □

- WF2-户外防强腐蚀(不要求不注) Serious erosion-proof outdoor (No marking without requirement)
- 特殊要求 Special requirement
- 可逆(不要求不注) Reversible(No marking without requirement)
- 螺纹规格(见P71~P78) thread specifications(see P71~P78)
- 进出线口方向 Ways of inlet
  - D:上进线 Top inlet
  - X:下进线 Bottom inlet
- 总开关电流 Master switch current
- 带总开关(不带不注) With master switch(No marking if without)
- P-箱面控制(可不注)Panel control (No marking)
- Y-远控 Remote control
- YP-两地控制 Panel and remote control
- 线圈电压 Loop voltage
  - 02-24V
  - 03-36V
  - 04-48V
  - 05-110V
  - 06-220~230V
  - 07-380~400V
- 额定电流 Rated current
- F-粉尘防爆(不要求不注) Dust explosion-proof (No marking without requirement)
- 电磁起动 Electromagnetic start
- 不锈钢外壳 Stainless steel enclosure
- 设计序号 Design No.
- 防爆防强腐蚀 Explosion-proof and serious erosion-proof

适用范围 Applications

1. 广泛用于石油开采、炼油、化工、海洋石油平台、油轮等易燃易爆气体环境，也用于军工、港口、粮食储存、金属加工等可燃性粉尘场所；
2. 适用于爆炸性气体环境的1区、2区；
3. 适用于ⅡA、ⅡB、 ⅡC类爆炸性气体环境；
4. 适用于可燃性粉尘环境的21区、22区；
5. 适用于含有腐蚀性气体、潮湿、防护要求较高的场所；
6. 适用于温度组别为T1～T4；
7. 作为控制电机起动、停止、正反转等。

1. It is widely used in flammable and explosive gas environment such as oil exploitation, refining, chemical industry, offshore oil platform, oil tanker, etc. It is also used in flammable dust places such as military industry, port, grain storage and metal processing;
2. Applicable to Zone 1 and Zone 2 of explosive gas environment;
3. Applicable to IIA, IIB, IIC explosive gas environment;
4. Applicable to areas 21 and 22 of flammable dust environment;
5. Applicable to corrosive gases, moisture, and high protection requirements place;
6. Applicable to the temperature group is T1 ~ T4;
7. As a control motor start, stop, forward and reverse, etc.

执行标准 Executive standard

GB 3836.1、GB 3836.2、GB 3836.3、GB 12476.1、GB 12476.5、IEC 60079-0、IEC 60079-1、IEC 60079-7、IEC 61241-0、IEC 61241-1、EN 60079-0、EN 60079-1、EN 60079-7、EN 61241-0、EN 61241-1

产品特点 Features

1. 外壳采用不锈钢制成，外形美观，具有耐腐蚀，耐冲击及热稳定性好等特点；
2. 增安型外壳结构，内装防爆交流接触器、防爆热继电器、防爆隔离开关、防爆控制按钮、防爆指示灯等元件。箱体之间采用拼装式结构，可以自由选择；体积小，整齐、美观，占用安装现场空间较少；重量轻，安装、维护方便；
3. 盖板上设有专用操作机构，可实现全封闭操作，可根据要求加装挂锁，避免误操作。产品在恶劣环境下也可正常操作，保证了使用者的人身安全；
4. 操作面板区分明显，便于现场识别；
5. 所有外露紧固件均采用不锈钢材质；
6. 电缆进出线方向，可根据用户要求做成上进上出、下进下出、上进下出、下进上出等多种形式；
7. 进出线口通常采用管螺纹，配置电缆夹紧密封装置；也可根据用户现场要求，制成公制螺纹、NPT螺纹等形式；
8. 钢管、电缆布线均可；
9. 户外使用的产品可根据用户要求配置防雨罩。

1. The outer casing is made of stainless steel, which has beautiful appearance, corrosion resistance, impact resistance and good thermal stability.
2. Increased safety type housing structure, built-in explosion-proof AC contactor, explosion-proof thermal relay, explosion-proof isolation switch, explosion-proof control button, explosion-proof indicator and other components. The assembled structure between the cabinets can be freely selected; the volume is small, neat and beautiful, and the installation space is small; the weight is light, and the installation and maintenance are convenient;
3. There is a special operating mechanism on the cover plate to achieve full-close operation. Padlocks can be added according to requirements to avoid misuse. The product can also operate normally under harsh environment, ensuring the personal safety of the user;
4. The operation panel is clearly distinguishable for easy on-site identification;
5. All exposed fasteners are made of stainless steel;
6. Cable in and out of the line, according to user requirements can be made up and down, down and down, up and down, down and up and other forms;
7. The inlet and outlet ports usually use pipe threads to configure the cable clamping and sealing device; they can also be made into metric thread, NPT thread, etc. according to the requirements of the user site;
8. Steel pipes and cable wiring can be used;
9. For outdoor use, the rain cover can be configured according to user requirements.

主要技术参数 Main technical parameters

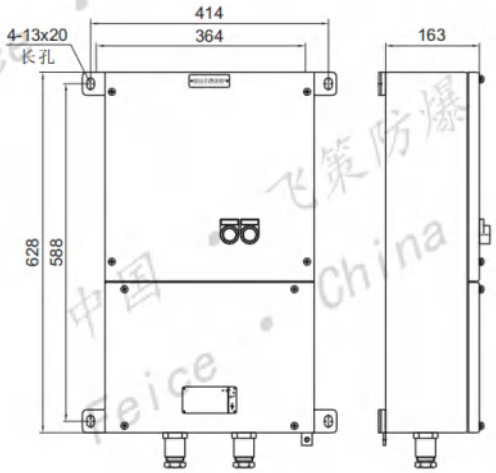
额定电压(V) Rated voltage	防爆标志 Ex-mark	防护等级 Degree of protection	防腐等级 Erosion-proof class
380	Ex de II C T4 Gb Ex tD A21 IP66 80℃	IP65, IP66*	WF2

*. 要求IP66，需注明。 IP66 requirements must be marked

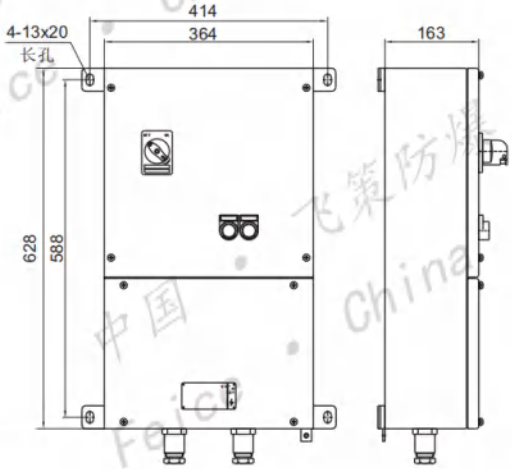
断路器额定电流 (A) Rated current of circuit-breaker	电动机保护器 过载脱扣整定范围 (A) Overload trip setting range of motor protector	交流接触器 额定电流 (A) Rated current of AC contactor	热继电器整定电流范围 (A) Setting current range of thermal relay
1,2,4,6,10,16, 20,25,32,40,50,63,80,100	0.1-0.16, 0.16-0.25, 0.25-0.4, 0.4-0.63, 0.63-1, 1-1.6, 2.5-4, 4-6.3, 6.3-10, 10-16, 16-20, 20-25	22.5	0.1-0.16, 0.16-0.24, 0.24-0.4, 0.4-0.6, 0.6-1, 1-1.6, 1.6-2.4 2.4-4, 4-6, 6-10, 10-16,16-24

注：元件参数见P210~P219。Note: Please see P210~P219 for parameters of components.

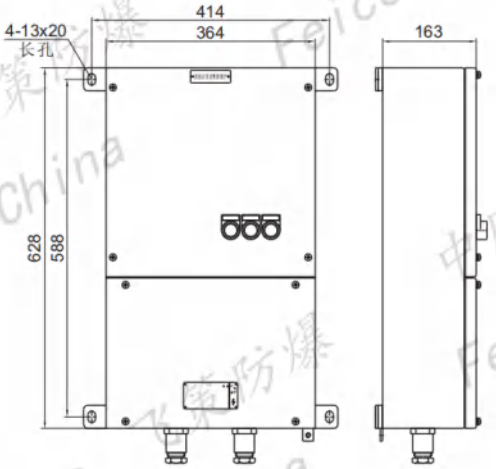
方案举例 Example



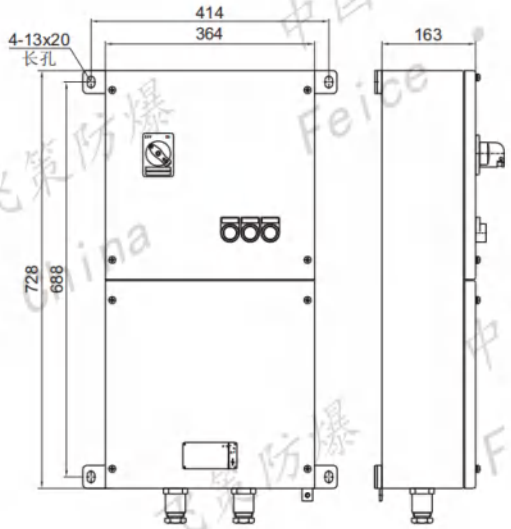
11kW及以下电机单转不带开关
11kW and below motor single turn without switch



11kW及以下电机单转带开关
11kW and below motor single turn switch



11kW及以下电机可逆不带开关
11kW and below motor reversible without switch



11kW及以下电机可逆带开关
11kW and below motor reversible without switch

订货须知 Order note

1. 按照型号含义中的规则逐条进行选择，并在型号含义后增加防爆标志。
2. 如用户有特殊需求，需在订购时详细指明。
1. Accord with the model implication's rules to select regularly, and Ex-mark should be added behind model implication;
2. If there are some special requirements, it should be pointed as ordering.

PBb-系列正压型防爆配电柜
PBb- Series positive pressure explosion-proof distribution board

FEICE 飞策

■ 型号含义 Model implication

PBb-□ □/□/□T WF1

- 户外防中等腐蚀(不要求不注)
  Outdoor middle erosion-proof
  (No marking without requirement)
- 特殊要求(不要求不注)
  Special requirement
  (No marking without requirement)
- 外形尺寸：宽×高×厚(mm)
  outline dimension: width×height×depth (mm)
- S:联锁(用户配电与正压自控系统低压联锁)
  (不要求可不注)
  S:Interlock (User's distribution is interlocked with positive pressure self-contoned system)
  (No marking without requirement)
- t：通风型 Ventilation type
- b：补偿型 Compensation type
- X：箱式 Box style
- Q：琴台式 Musical plate style
- G1：柜式1(上下结构)
  Board style Ⅰ (Fluctuated structure)
- G2：柜式2(左右结构)
  Board style Ⅱ (Right and left structure)
- 正压型防爆
  Positive pressure explosion-proof



■ 适用范围 Applications

1. 广泛用于石油开采、炼油、化工、海洋石油平台、油轮等易燃易爆气体环境，也用于军工、港口、粮食储存、金属加工等可燃性粉尘场所；
2. 适用于爆炸性气体环境的1区、2区；
3. 适用于ⅡA、ⅡB、 ⅡC类爆炸性气体环境；
4. 适用于可燃性粉尘环境的21区、22区；
5. 适用于温度组别为T1～T4/T5/T6；
6. 用于照明或动力线路的配电，电气设备通断控制；也可作为中央信号处理系统及中央控制系统。

1. It is widely used in flammable and explosive gas environment such as oil exploitation, refining, chemical industry, offshore oil platform, oil tanker, etc. It is also used in flammable dust places such as military industry, port, grain storage and metal processing;
2. Applicable to Zone 1 and Zone 2 of explosive gas environment;
3. Applicable to IIA, IIB, IIC explosive gas environment;
4. Applicable to areas 21 and 22 of flammable dust environment;
5. Applicable to the temperature group is T1 ~ T4 / T5 / T6;
6. For power distribution of lighting or power lines, electrical equipment on/off control; also as a central signal processing system and central control system.

■ 执行标准 Executive standard

GB 3836.1、GB 3836.2、GB 3836.3、GB 3836.4、GB 3836.5、GB 3836.9、GB 12476.1、GB 12476.7、IEC 60079-0、IEC 60079-1、IEC 60079-7、IEC 61241-0、IEC 61241-1、EN 60079-0、EN 60079-1、EN 60079-7、EN 61241-0、EN 61241-1

■ 产品特点 Features

1. 它的防爆原理主要是采用介质隔离点燃源的防爆措施从而达到电器防爆的目的；
2. 本产品可根据用户要求安装各种普通的检测仪表、分析仪表、显示仪表、监视器、微电脑触摸屏、大功率变频器以及普通电器元件，对用户内装电器元件基本不受限制；
3. 它主要由柜体、自控系统、布气系统、报警系统、配电系统组成；柜体由正压腔和副腔组成，副腔内装自控系统、报警系统及用户的进出电缆；正压腔内装用户的配电系统元件；

PBb-系列正压型防爆配电柜
PBb- Series positive pressure explosion-proof distribution board

4. 可按用户要求分别定制成箱式、琴台式和柜式结构，柜式又分为上下结构和左右结构。箱式一般采用钢板焊接而成，表面喷塑，前开门操作；琴台式和柜式其柜架采用标准型材焊接，表面喷塑，对其各接合面都经过了特殊的密封处理；前开门操作后开门维修。钢板材料一般选用冷轧钢板，也可根据用户要求选用不锈钢材质；
5. 按进气方式分为通风型和补偿型。通风型为不间断连续供气，正压腔内装元件的工作热量可随气路带走，具有很好的散热功能；补偿型为间断性供气，正压腔有良好的密封性，耗气量小；
6. 用户须提供气源，要求为：净化空气或氮气，气源压力为：0.2MPa～0.8MPa；通常用户现场的仪表风均可满足要求。 也可根据用户要求，我公司为其设计自供气系统。

1. The principle adopts medium isolating ignition to avoid explosion of electrical equipments;
2. The products can be fixed with inspection meter, analysis meter, vision meter, monitor, Micro-computer touch screen, high power transducer and other electric components, the inside components are unlimited;
3. It is composed of board, body automatic control system, air arrangement system, alarm system and distribution system, the body is composed of positive pressure chamber and subsidiary chamber, there is a self-control system, alarm system and cable in the subsidary chamber, other distribution system components are in the positive pressure chamber;
4. There are box style, musical plate style and board style, the board style are divided into fluctuated structure and right and left structure. For the box style, the body is welded by steel plate and sprayed with plastic, operated through the front door the board shelf of musical plate and board style is welded by standard profiled bar, surface is sprayed with plastic, the joint plane is handled with sealing, treatment operating from frontal door and maintaining from back door, Normally we select cold cast steel, also can select stainless;
5. There are ventilation and compensation entry ways, ventilation entry is used for continue air feed, the heat in pressure chamber can be sent out. It's also with good heat diffusing function, the compensation entry is for discontinuity air feed, the press chamber is with perfact sealing and low gas comsumption functions;
6. The user must supply clear air or nitrogen, gas pressure: 02.MPa～0.8MPa, satisfy the locale requirement, we can design the gas supply system on request.

■ 主要技术参数 Main technical parameters

型 号 Type	防爆标志 Ex mark	防护等级 Degree of protection	气源压力 (MPa) Gas source pressure	工作压力 (Pa) Working pressure
PBb-□ □	Ex d e ib mb px IIC T4 Gb Ex pD ibD A21 IP66 T130℃	IP65, IP66*	0.2～0.8	80～500

*. 要求IP66，需注明。 IP66 Requirements must be marked

■ 箱式结构外形图 Outlines of box style

规格 specification	箱体尺寸 Box size			安装孔尺寸 Mounting hole size	
	A (宽度 Width)	B (高度 Height)	C (深度 Depth)	F	G
1	400	600	250	455	550
2	600	800	300	655	750
3	800	1000	300	855	950

说明：可根据用户图纸要求进行特殊设计制作。
Note: It can be designed and manufactured according to customer's drawing.

■ 琴台式结构外形图Outlines of musical plate style

单位：mm

规格 specification	箱体尺寸 Box size						安装孔尺寸Mounting hole size	
	A (宽度 Width)	B (高度 Height)	C (深度 Depth)	D	E	F	G	H
1	800	1400	850	375	680	480	750	425
2	1000	1400	850	375	680	480	950	425
3	1200	1400	850	375	680	480	1150	425
4	1400	1400	850	375	680	480	1350	425

说明：可根据用户图纸要求进行特殊设计制作。
Note: It can be designed and manufactured according to customer's drawing.

柜式结构外形图 Outline of board style

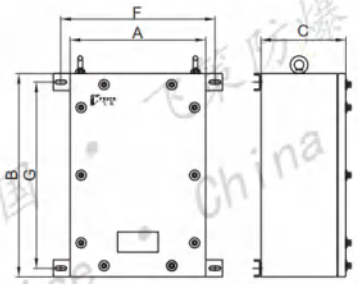
单位：mm

规格 specification		箱体尺寸Box size					安装孔尺寸Mounting hole size	
		A (宽度width)	B (高度height)	C (深度depth)	D	E	F	G
上下结构 Upper and lower Structure	1	650	1800	500	1200		495	420
	2	800	1800	500	1200		645	420
	3	1000	1800	500	1200		845	420
	4	1200	1800	500	1200		1045	420
左右结构 Left and right Structure	1	1050	1880	500	650	1800	1000	420
	2	1200	1880	500	800	1800	1150	420
	3	1400	1880	500	1000	1800	1350	420
	4	1600	1880	500	1200	1800	1550	420

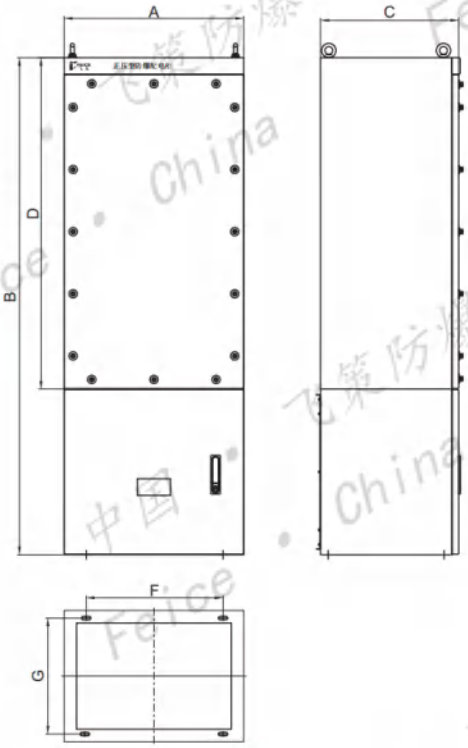
说明：可根据用户图纸要求进行特殊设计制作。
Note: It can be designed and manufactured according to customer`s drawing.

我公司可根据用户现场需要，设计、制造中小型正压配电室，若有订货需求可与我公司销售部联系。
We can design and manufacture medium or small positive pressure distribution room, so please contact with our sales department for order.

外形及安装尺寸 Outline & installation dimensions



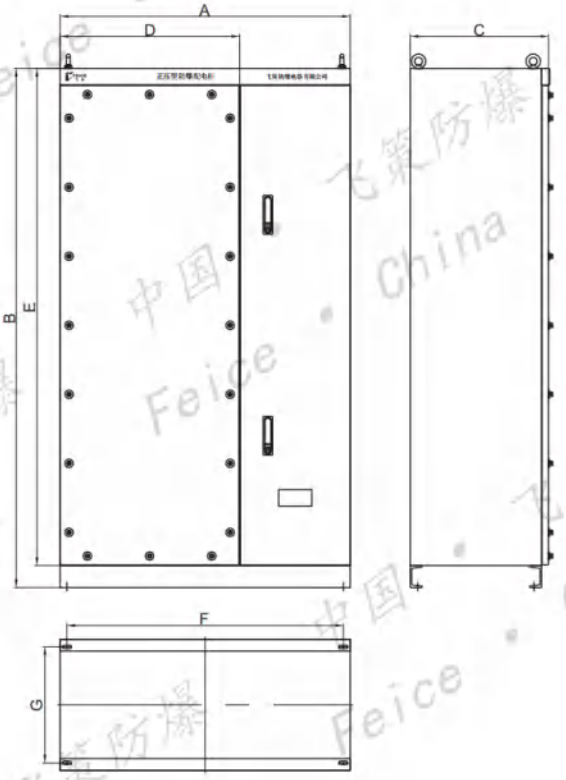
箱式结构
Box structure



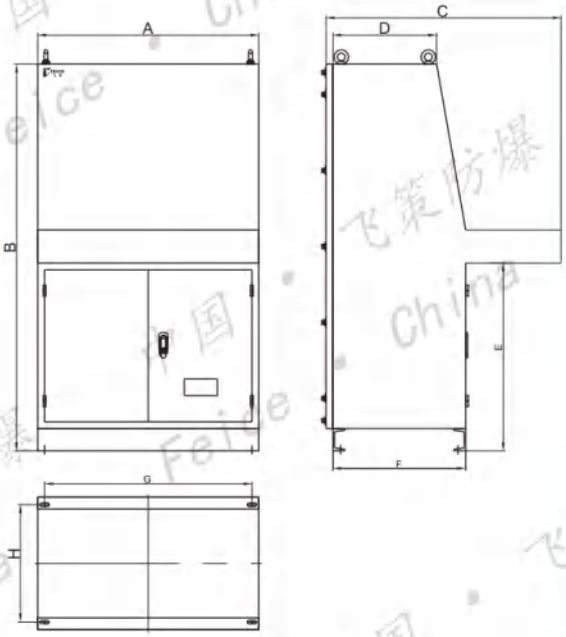
上下结构
Upper and lower structure

PBb-系列正压型防爆配电柜
PBb- Series positive pressure explosion-proof distribution board

■ 外形及安装尺寸 Outline & installation dimensions



左右结构
Left and right structure



琴台式结构
Piano table structure

■ 订货须知 Order note

1. 本系列产品尺寸参数仅供用户参考，用户可根据内装元件尺寸进行结构尺寸选择。如有参数不详或有特殊要求时，可与我公司技术部联系。所有参数以铭牌和随产品的技术附件为准；
2. 订货时，用户须提供详细的电气系统图、控制原理图、元件面板布置图以及内装元件的品牌要求，并提供产品的进出线电缆外径大小、数量等参数；
3. 本系列产品在制造前，我公司须将设计好的方案交用户审核，用户确认后，方可生产；
4. 本系列产品为用户提供气源及外接气管，若需要我方提供自供气源设备时，需另附说明，其自供气设备将另计价格；
5. 本系列产品一般用冷轧钢板，表面喷塑。若需要不锈钢材质，须在订货时注明；
6. 因公司发展需要，产品在不断更新，如有更改，恕不另行通知。

1. Parameters of these series products are only for reference, users can select structure size according to inside components size. Please contact with our technical department if you're not clear about the parameters or have special requirements, all the parameters shall be subjected to the name plate and documentation;
2. When order ,please provide requirement of electric system diagram, control principle diagram, panel location diagram and other components size, the entry cable size and quantity must be supplied parameters ;
3. The original design draft must be audited by users, and they will be put into producing after user`s conformation;
4. Gas source and external gas pipe of this product are offered by user, if need our company to supply these, please indicate when order, customer shall pay extra costs for the gas supply facilities.
5. It's made of cold casted steel, the surface is sprayed with plastic; please indicate it if you need stainless steel material;
6. Products are updating without notification,because of the need of our company development.

BXK58-系列防爆控制箱
BXK58-Series explosion-proof control box



■ 型号含义 Model implication

BXK 58-□ D/□ □/□ N/□ K/□ □ □ □

- BXK 防爆控制箱 Explosion-proof control box
- 58 设计序号 Design No.
- F-粉尘防爆(不要求不注) Dust explosion-proof (No marking without requirement)
- D/□ 指示灯部分 Indicator
  - 指示灯/数量(不带不注) indicating lamps/nos (No marking if without)
- □/□ 仪表部分 Meter
  - V-电压表/数量(不带不注) Voltmeter/ons (No marking if without)
  - A-电流表/数量(不带不注) Ammeter/ons (No marking if without)
- N/□ 按钮部分 button
  - 按钮/数量(不带不注) button/nos (No marking if without)
- K/□ 开关部分 switch
  - 开关/数量(不带不注) switch/nos (No marking if without)
- □ D-上进线/数量/螺纹规格(不带不注) Top inlet/ons/thread specification (No marking if without)
- □ X-下进线/数量/螺纹规格(不带不注) Botton inlet/ons/thread specification (No marking if without)
- □ T-特殊要求 T-Special requirement
- □ WF1-户外防中等腐蚀(不要求不注) WF1-Middle erosion-proof (No marking without requirement)

指示灯部分含义 Indicator implication

D/□-□ □□/□ □□/…

- 指示灯 Indicator
- 总数量 Total QTY
- 数量 Quantity
- 指示灯代号 Indicator code
- 数量 Quantity
- 指示灯代号

仪表部分含义 Meter implication

□/□-□ □/□ □/…

- 仪表 Meter
  - A-电流表 Ammeter
  - V-电压表 Voltmeter
- 总数量 Total QTY
- 数量 Quantity
- 量程 Measuring span
- 数量 Quantity
- 量程 Measuring span

注：隔爆腔内装8017，标注方法参考8019
Note:the flame-proof cavity install 8017,the tagging way please see 8019

按钮部分含义 Button implication

N/□-□ □□/□ □□/…

- 按钮 Button
- 总数量 Total QTY
- 数量 Quantity
- 按钮代号 Button code
- 数量 Quantity
- 按钮代号

开关部分含义 Switch implication

K/□-□ □□/□ □□/…

- 开关 Switch
- 总数量 Total QTY
- 数量 Quantity
- 开关代号 Switch code
- 数量 Quantity
- 开关代号

BXK58-系列防爆控制箱
BXK58-Series explosion-proof control box

FEICE 飞策

■ 适用范围 Applications

1. 广泛用于石油开采、炼油、化工、海洋石油平台、油轮等易燃易爆气体环境，也用于军工、港口、粮食储存、金属加工等可燃性粉尘场所；
2. 适用于爆炸性气体环境的1区、2区；
3. 适用于ⅡA、ⅡB、 ⅡC类爆炸性气体环境；
4. 适用于可燃性粉尘环境的21区、22区；
5. 适用于温度组别为T1～T4/T5/T6;
6. 用于电气控制系统中，作为指令发送及状态监视用。

1. It is widely used in flammable and explosive gas environment such as oil exploitation, refining, chemical industry, offshore oil platform, oil tanker, etc. It is also used in flammable dust places such as military industry, port, grain storage and metal processing;
2. Applicable to Zone 1 and Zone 2 of explosive gas environment;
3. Applicable to IIA, IIB, IIC explosive gas environment;
4. Applicable to areas 21 and 22 of flammable dust environment;
5. Applicable to the temperature group is T1 ~ T4 / T5 / T6;
6. Used in electrical control systems for command transmission and status monitoring.

■ 执行标准 Executive standard

GB 3836.1、GB 3836.2、GB 3836.3、GB 12476.1、GB 12476.5、IEC 60079-0、IEC 60079-1、IEC 60079-7、IEC 61241-0、IEC 61241-1、EN 60079-0、EN 60079-1、EN 60079-7、EN 61241-0、EN 61241-1

■ 产品特点 Features

1. 产品外壳为铸铝合金ZL102。采用一次压铸成型工艺，表面光滑，外形美观，内部组织致密度高，抗冲击性能强，外壳防爆性能好。
2. 外壳表面通过工业机器人去除毛刺和高速抛丸后，采用先进的全自动高压静电喷塑、热固化流水线工艺，壳体表面形成的塑层附着力强，具有良好的防腐能力。
3. 主腔为增安型外壳时，内装防爆指示灯、按钮、电压表、电流表、电位器及转换开关等。
4. 主腔为隔爆型外壳时，内装工业用普通指示灯、按钮、电压、电流表、电位器及转换开关等。
5. 户外产品可根据用户要求配置防雨罩。
6. 密封条采用双组份聚氨酯一次线浇发泡成型工艺，具备高防护性能。
7. 单腔体隔爆型控制箱进线电缆采用直接引入时，应采用防爆填料函。
8. 所有外露紧固件均采用不锈钢材质。
9. 电缆进线方向可根据用户要求做成上进、下进等多种形式。
10. 进出线口通常采用管螺纹，配置电缆夹紧密封装置；也可根据用户现场要求，制成公制螺纹、NPT螺纹等形式。
11. 钢管、电缆布线均可。

1. The outer casing of the product is cast aluminum alloy ZL102. Adopting a one-time die-casting process, the surface is smooth, the appearance is beautiful, the internal structure is high in density, the impact resistance is strong, and the outer casing has good explosion-proof performance.
2. After the surface of the outer casing is deburred by industrial robots and high-speed shot blasting, the advanced automatic high-pressure electrostatic spray and heat-curing line technology is adopted, and the plastic layer formed on the surface of the shell has strong adhesion and good corrosion resistance.
3. When the main cavity is an increased safety type, the explosion-proof indicator light, button, voltmeter, ammeter, potentiometer and transfer switch are installed inside.
4. When the main chamber is an explosion-proof type enclosure, it is equipped with common indicator lights, buttons, voltage, ammeter, potentiometer and transfer switch for industrial use.
5. Outdoor products can be equipped with rain cover according to user requirements.
6. The sealing strip adopts two-component polyurethane primary casting foaming process, which has high protection performance.
7. When the single-chamber explosion-proof control box incoming cable is directly introduced, an explosion-proof stuffing box should be used.
8. All exposed fasteners are made of stainless steel.
9. The cable incoming direction can be made into various forms such as up and down according to user requirements.
10. The inlet and outlet ports are usually made of pipe threads, and the cable clamping and sealing device is arranged. It can also be made into metric thread, NPT thread, etc. according to the requirements of the user's site.
11. Steel pipes and cable wiring are available.

BXK58-系列防爆控制箱
BXK58-Series explosion-proof control box

■ 主要技术参数 Main technical parameters

额定电压 Rated voltage(V)	额定电流 Rated current(A)	进出线口螺纹/电缆外径 Inlet or outlet thread(G)/Cable outer dia.(mm)
220 380	6,10,16	G½～G2/Φ7～Φ38 M16~M63/Φ5～Φ44

防爆标志 Ex-mark	防腐等级 Erosion-proof class	防护等级 Degree of protection
Ex d ⅡB T6 Gb Ex d e ⅡB T6 Gb Ex d e ⅡC T6 Gb Ex tD A21 IP66 T80℃	WF1	IP65 IP66*

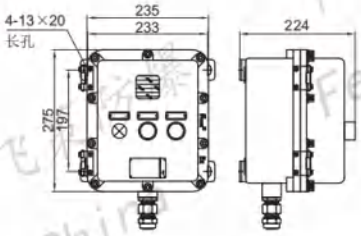
*. 要求IP66，需注明。 IP66 requirements must be marked

■ 内装防爆元件见《防爆元件及配件类防爆产品》P225~P255。

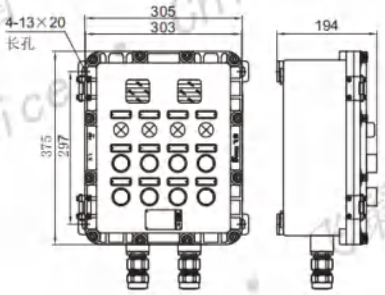
For the explosion-proof components inside, see "Explosion-proof components for explosion-proof components and accessories P225~P255.

■外形及安装尺寸 Outline & installation dimensions

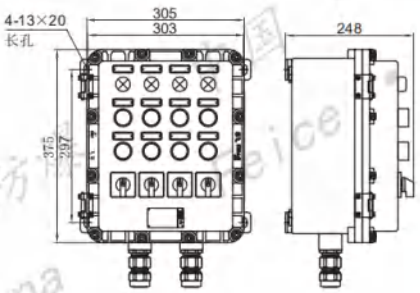
d型结构 d-Type Structure



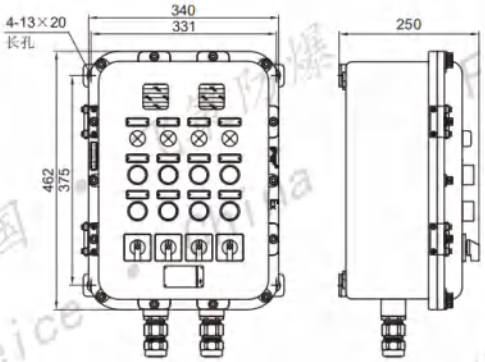
1型 Type



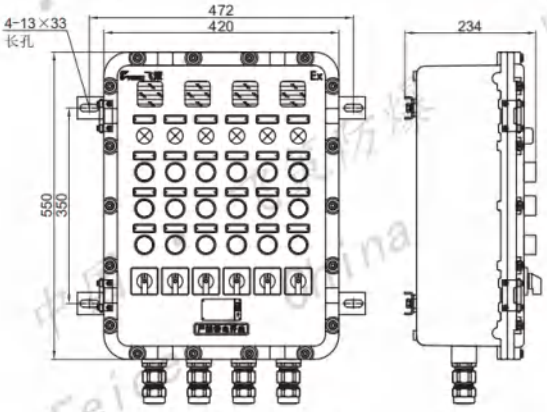
2型 Type



3型 Type

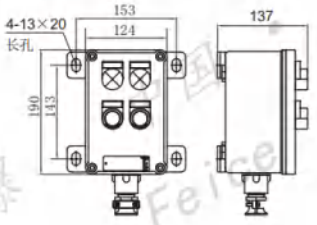


4型 Type

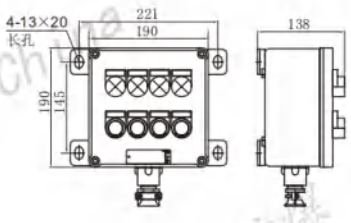


5型 Type

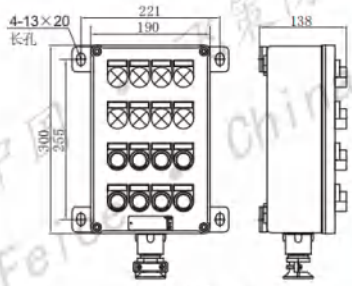
de型结构 de-Type Structure



1型 Type

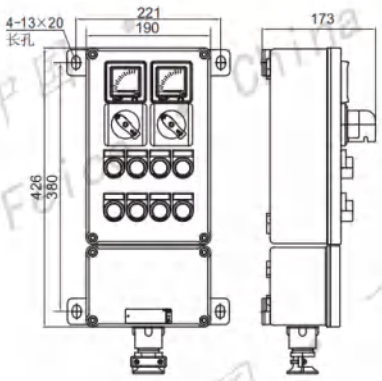


2型 Type

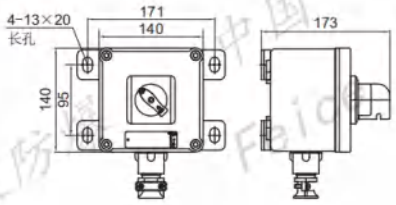


3型 Type

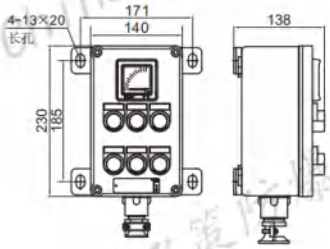
BXK58-系列防爆控制箱
BXK58-Series explosion-proof control box



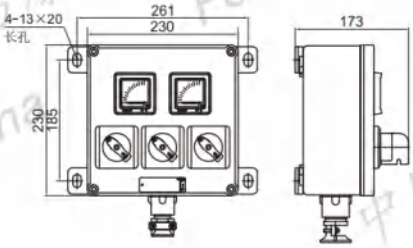
4型 Type



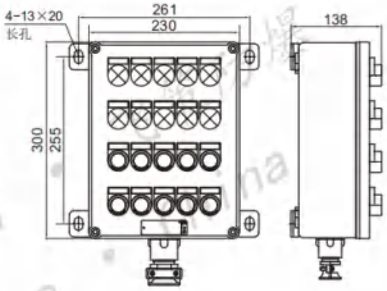
5型 Type



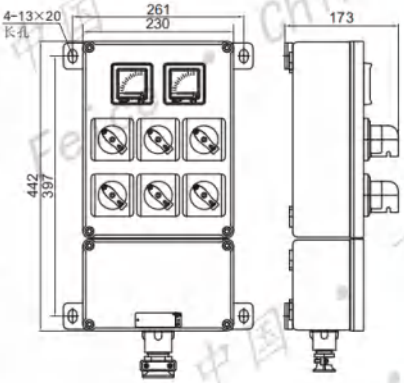
6型 Type



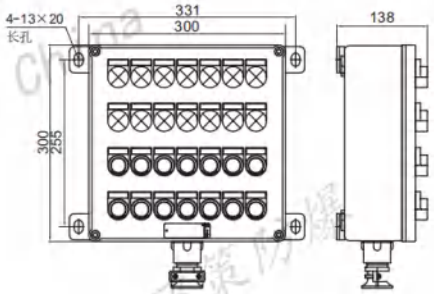
7型 Type



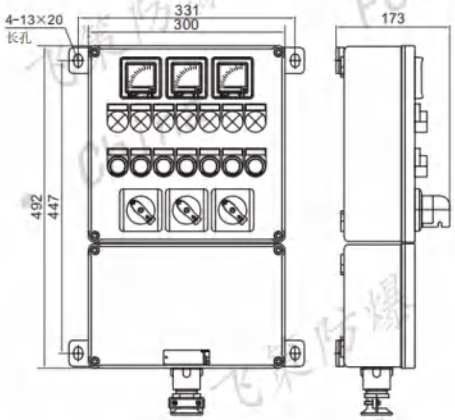
8型 Type



9型 Type



10型 Type



11型 Type

■ 订货须知 Order note

1. 本系列产品订货时用户须提供具体的电气原理图或接线图，我公司将根据用户要求来选择相应规格的壳体，出具相应的技术方案，供用户确认后生产；
2. 订货时请注明详细型号，规格，防爆标志及数量等；
3. 本系列产品户外使用时均须加装防雨罩，以保证其优良的防护性能；
4. 内装元件品牌若与我公司规格不一致时，订货时须注明；
5. 本系列产品内装元件在满足防爆标准要求时也可用户提供。

1. When ordering, user must supply the corresponding electrical diagram or wiring diagram. we should, select the right enclosure and offer you technical plan to manufactwre after you confirm.
2. Please indicate the model, size, Ex-mark and QTY;
3. If it is used for outdoor, rain guard is necessory to ensure its function.
4. If the brand of built-in components is not same with ours, please indicate.
5. User can supply the built-in components if they satisfy the explosion-proof request.

LBZ-10系列防爆操作柱
LBZ-10 Series explosion-proof operation post



型号含义 Model implication

LBZ - □□ □ D/□ □/□ N/□ K/□ □□□

- 防爆操作柱 Explosion-proof Operation post
- 额定电流（可为：6A, 10A, 16A） Rated current (For:6A, 10A, 16A)
- F-粉尘防爆(不要求不注) Dust explosion-proof (No marking without requirement)
- 安装方式 ways of install ation
  - G-挂式 Case type
  - Z-立柱式 Vertocal type
  - Q-桥架式 Bridge type
- 指示灯部分 Indicator
  - 指示灯/数量（不带不注） Indicator/nos (No marking if without)
- 仪表部分 Meter
  - V-电压表/数量（不带不注） Voltmeter/nos (No marking if without)
  - A-电流表/数量（不带不注） Ammeter/nos (No marking if without)
- 开关部分 switch
  - 开关/数量（不带不注） switch/nos (No marking if without)
- 按钮部分 button
  - 按钮/数量（不带不注） button/nos (No marking if without)
- WF1-户外防中等腐蚀(不要求不注) WF1-Middle erosion-proof (No marking without requirement)
- T-特殊要求 T-Special requirement
- B-后进线/数量/螺纹规格（不带不注） Back inlet/ons/thread specification (No marking if without)
- X-下进线/数量/螺纹规格（不带不注） Botton inlet/ons/thread specification (No marking if without)

注：立柱式下进线，进线螺纹规格为G1" Note:Pillar base in bottom inlet,the standard of the inlet thread is G1"

指示灯部分含义 Indicator implication

D/□-□ □□/□ □□/…

- 指示灯代号 Indicator code
- 数量 Quantity
- 指示灯代号Indicator code
- 数量 Quantity
- 总数量 Total QTY
- 指示灯 Indicator

注：隔爆腔内装AD26B-16，标注方法参考8019
Note:the flame-proof cavity install AD26B-16,the tagging way please see 8019

仪表部分含义 Meter implication

□/□-□ □/□ □/…

- 量程 Measuring span
- 数量 Quantity
- 量程 Measuring span
- 数量 Quantity
- 总数量 Total QTY
- 仪表 Meter
  - V-电压表 Voltmeter
  - A-电流表 Ammeter

按钮部分含义 Button implication

N/□-□ □□/□ □□/…

- 按钮代号 Button code
- 数量 Quantity
- 按钮代号 Button code
- 数量 Quantity
- 总数量 Total QTY
- 按钮 Button

开关部分含义 Switch implication

K/□-□ □□/□ □□/…

- 开关代号Switch code
- 数量 Quantity
- 开关代号 Switch code
- 数量 Quantity
- 总数量 Total QTY
- 开关 Switch

LBZ-10系列防爆操作柱
LBZ-10 Series explosion-proof operation post

FEICE 飞策

适用范围 Applications

1. 广泛用于石油开采、炼油、化工、海洋石油平台、油轮等易燃易爆气体环境，也用于军工、港口、粮食储存、金属加工等可燃性粉尘场所；
2. 适用于爆炸性气体环境的1区、2区；
3. 适用于ⅡA、ⅡB、 ⅡC类爆炸性气体环境；
4. 适用于可燃性粉尘环境的21区、22区；
5. 适用于温度组别为T1～T4/T5/T6；
6. 用于电气控制系统中，作为指令发送及状态监视只用。

1. It is widely used in flammable and explosive gas environment such as oil exploitation, refining, chemical industry, offshore oil platform, oil tanker, etc. It is also used in flammable dust places such as military industry, port, grain storage and metal processing;
2. Applicable to Zone 1 and Zone 2 of explosive gas environment;
3. Applicable to IIA, IIB, IIC explosive gas environment;
4. Applicable to areas 21 and 22 of flammable dust environment;
5. Applicable to the temperature group is T1 ~ T4 / T5 / T6;
6. Used in electrical control systems, as command transmission and status monitoring only.

执行标准 Executive standard

GB 3836.1、GB 3836.2、GB 3836.3、GB 12476.1、GB 12476.5、IEC 60079-0、IEC 60079-1、IEC 60079-7、IEC 61241-0、IEC 61241-1、EN 60079-0、EN 60079-1、EN 60079-7、EN 61241-0、EN 61241-1

产品特点 Features

1. 产品外壳为铸铝合金ZL102，采用一次压铸成型工艺，表面光滑，外形美观，内部组织致密度高，抗冲击性能强，外壳防爆性能好，产品上有压制的永久性“Ex”防爆标志。
2. 外壳表面通过工业机器人去除毛刺和高速抛丸后，采用先进的全自动高压静电喷塑、热固化流水线工艺，壳体表面形成的塑层附着力强，防腐能力好。
3. 主腔为隔爆型外壳，内装指示灯、按钮、电压、电流表及转换开关等多种电器元件。
4. 转换开关功能30多种，可根据用户要求进行选择，性能可靠。
5. 密封条采用双组份聚氨酯一次线浇发泡成型工艺，具备高防护性能。
6. 户外产品可根据用户要求配置防雨罩。
7. 安装方式一般为立柱式，也可做成挂式或桥架式，也可根据用户要求特制。挂式和桥架式安装可做成上进线或下进线。
8. 所有外露紧固件均采用不锈钢材质。
9. 钢管、电缆布线均可。

1. The outer shell of the product is cast aluminum alloy ZL102. It adopts one-time die-casting process, with smooth surface, beautiful appearance, high density of internal structure, strong impact resistance, good explosion-proof performance of the shell, and permanent permanent “Ex” explosion -proof mark on the product. .
2. After the surface of the outer casing is removed by industrial robots and high-speed shot blasting, the advanced automatic high-pressure electrostatic spray and heat-curing line technology is adopted, and the plastic layer formed on the surface of the shell has strong adhesion and good anti-corrosion ability.
3. The main chamber is an explosion-proof enclosure with various electrical components such as indicator lights, buttons, voltage, ammeter and transfer switch.
4. There are more than 30 transfer switch functions, which can be selected according to user requirements and reliable performance.
5. The sealing strip adopts two-component polyurethane primary casting foaming process with high protection performance.
6. Outdoor products can be equipped with rain cover according to user requirements.
7. The installation method is generally column type, and can also be made into hanging type or bridge type, or can be specially made according to user requirements. Hanging and bridge mounting can be made into the upper or lower line.
8. All exposed fasteners are made of stainless steel.
9. Steel pipes and cable wiring are available.

LBZ-10系列防爆操作柱
LBZ-10 Series explosion-proof operation post

■ 主要技术参数 Main technical parameters

额定电压 Rated voltage(V)	额定电流 Rated current(A)	进线口螺纹 Inlet thread(G)		
		挂式 Hanging	桥式Rack	立柱式Post
380/220	6,10,16	G½~G1½	G½~G1½	G 1

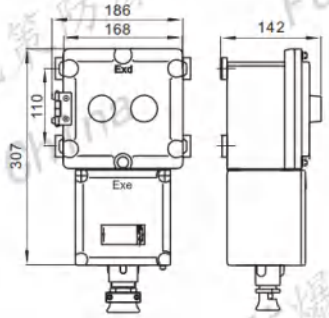
防爆标志 Ex-mark	防腐等级 Erosion-proof class	防护等级 Degree of protection	电缆外径 Cable outer dia. (mm)	
Ex d ⅡB T6 Gb Ex d eⅡB T6 Gb Ex d eⅡC T6 Gb Ex tD A21 IP66 T80℃	WF1	IP65, IP66*	挂(桥)式 Hanging (Rack)type	Φ8～Φ30
			立柱式 Post	Φ9～Φ18

*. 要求IP66，需注明。 IP66 Requirements must be marked

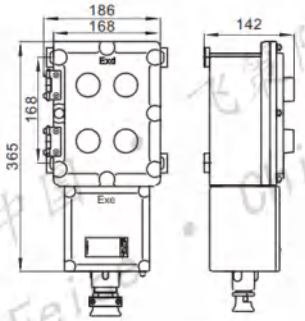
■ 内装防爆元件见《防爆元件及配件类防爆产品》P225~P255。

For the explosion-proof components inside, see "Explosion-proof components for explosion-proof components and accessories P225~P255.

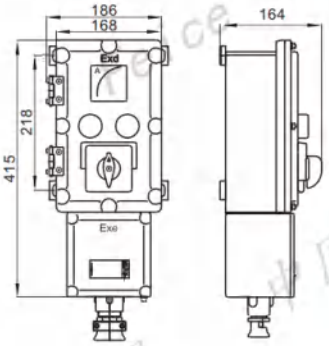
■ 外形及安装尺寸 Outline & installation dimensions



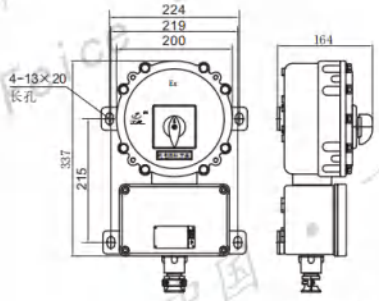
Ⅰ型：LBZ-10GB防爆操作柱
LBZ-10GB Explosion-proof operation post



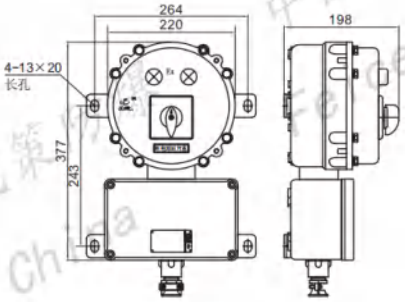
Ⅱ型：LBZ-10GB防爆操作柱
LBZ-10GB Explosion-proof operation post



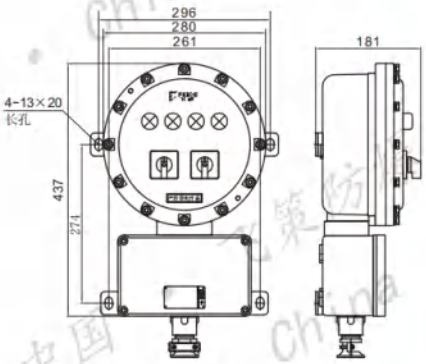
Ⅲ型：LBZ-10GB防爆操作柱
LBZ-10GB Explosion-proof operation post



LBZ-10GK1(挂式)
LBZ-10GK1 (Hanging Type)

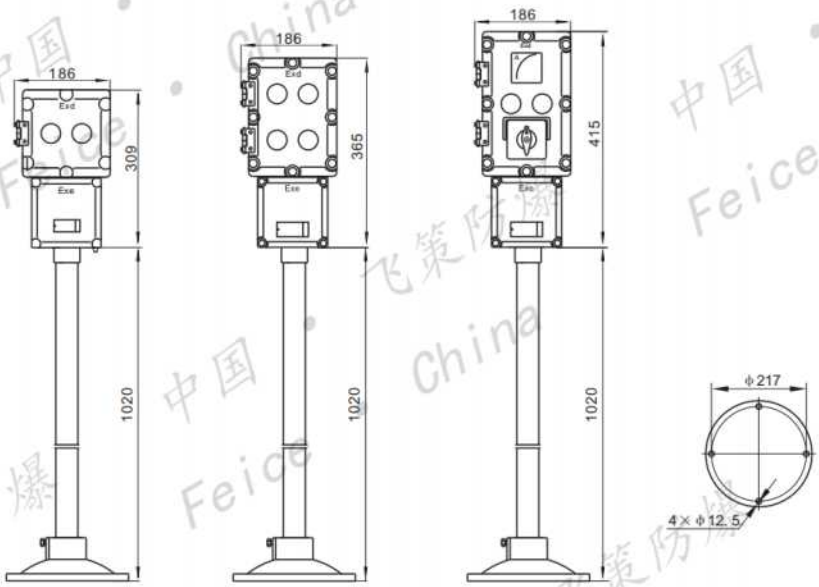


LBZ-10GD2K1(挂式)
LBZ-10GD2K1 (Hanging Type)



LBZ-10GD4K2(挂式)
LBZ-10GD4K2 (Hanging Type)

LBZ-10系列防爆操作柱
LBZ-10 Series explosion-proof operation post





LBZ-10ZB防爆操作柱
LBZ-10GB Explosion-proof operation post

■ 订货须知 Order note

1. 请根据“型号含义”，注明所需产品具体型号规格和数量；
2. 请注明防爆标志；
3. 当所需参数与选型不一致时请注明；
4. 本系列产品在户外使用时，均需加装防雨罩，以保证其防护性能的优越性。

1. Please indicate the details of product model, size and quantity;
2. When the parameter is not same as model selection please note it;
3. Indicate your special requirements of you have;
4. Water-proof Covers should be installed when this series of products used in outdoor to ensure the superiority of its protective function.

SW-10系列防爆照明开关
SW-10 Series explosion-proof illumination switch



型号含义 Model implication

SW -10 □□

- 防爆照明开关 Illumination explosion-proof switch
- 额定电流 Rated current
- WF1-户外防中等腐蚀(不带不注) WF1- Outdoor middle erosion-proof (No marking if without) 复合型
- B-ⅡB类防爆 Class ⅡB explosion-proof
- C-ⅡC类防爆 Class ⅡC explosion-proof
- F-粉尘防爆 Dust explosion-proof

适用范围 Applications

1. 广泛用于石油开采、炼油、化工、海洋石油平台、油轮等易燃易爆气体环境，也用于军工、港口、粮食储存、金属加工等可燃性粉尘场所；
2. 适用于爆炸性气体环境的1区、2区；
3. 适用于ⅡA、ⅡB、 ⅡC类爆炸性气体环境；
4. 适用于可燃性粉尘环境的21区、22区；
5. 适用于温度组别为T1～T4/T5/T6；
6. 作为照明灯具或小型电器设备的控制开关，安装时应有前级保护。

1. It is widely used in flammable and explosive gas environment such as oil exploitation, refining, chemical industry, offshore oil platform, oil tanker, etc. It is also used in flammable dust places such as military industry, port, grain storage and metal processing;
2. Applicable to Zone 1 and Zone 2 of explosive gas environment;
3. Applicable to IIA, IIB, IIC explosive gas environment;
4. Applicable to areas 21 and 22 of flammable dust environment;
5. Applicable to the temperature group is T1 ~ T4 / T5 / T6;
6. As a control switch for lighting fixtures or small electrical equipment, when installed There should be pre-level protection.

执行标准 Executive standard

GB 3836.1、GB 3836.2、GB 3836.3、GB 12476.1、GB 12476.5、IEC 60079-0、IEC 60079-1、IEC 60079-7、IEC 61241-0、IEC 61241-1、EN 60079-0、EN 60079-1、EN 60079-7、EN 61241-0、EN 61241-1

主要技术参数 Main technical parameters

型号 Type	额定电流(A) Rated current	额定电压(V) Rated voltage	内装元件 Built-in component	极数 Pole	进线口螺纹 Inlet thread(G)
SW-10	10	220	隔爆开关或HZ10-10A Flame-proof switch	1P+PE	G¾

SW-10系列防爆照明开关
SW-10 Series explosion-proof illumination switch

防爆标志 Ex-mark	防护等级 Degree of protection	防腐等级 Erosion-proof class	电缆外径(mm) Cable outer dia.
Ex d e ⅡB T6 Gb Ex d ⅡC T6 Gb Ex tD A21 IP66 T80℃	IP65,IP66*	WF1	Φ10～Φ14

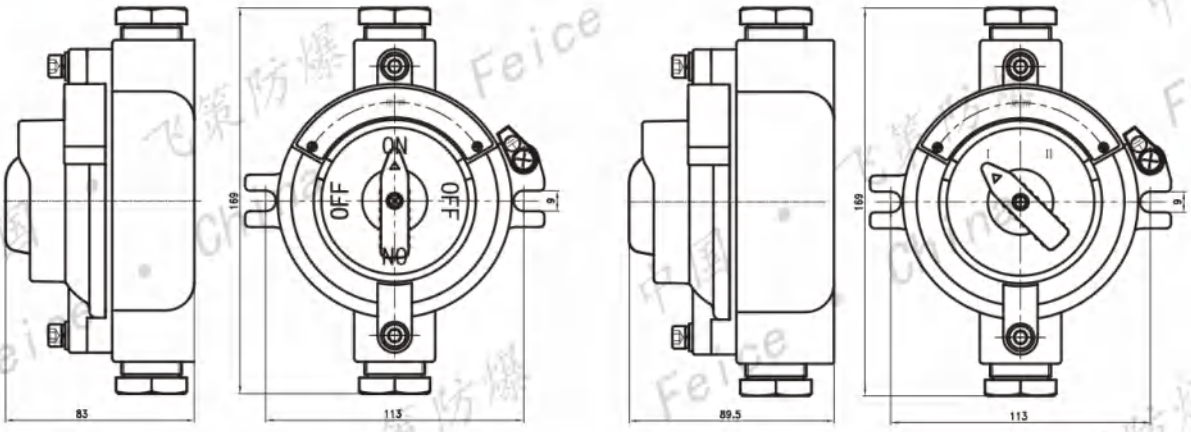
*. 要求IP66，需注明。 IP66 Requirements must be marked

■ 产品特点 Features

1. 产品外壳为铸铝合金ZL102。产品壳体采用一次压铸成型工艺，表面光滑，外形美观，内部组织致密度高，抗冲击性能强，外壳防爆性能好，产品上有压制的永久性“Ex”防爆标志。
2. 产品表面通过工业机器人去除毛刺和高速抛丸后，采用先进的全自动高压静电喷塑、热固化流水线工艺，壳体表面形成的塑层附着力强，产品防腐能力好。
3. 产品分为隔爆型外壳和增安型外壳两种防爆型式，隔爆型外壳内装HZ10组合开关，增安型外壳内装隔爆型开关。
4. 密封条采用双组份聚氨酯一次线浇发泡成型工艺，具备高防护性能。
5. 所有外露紧固件均采用不锈钢材质。
6. 钢管、电缆布线均可。

1. The outer casing of the product is cast aluminum alloy ZL102, The product shell adopts one-time die-casting process, the surface is smooth, the appearance is beautiful, the internal structure is high in density, the impact resistance is strong, the shell has good anti-explosion performance, and the product has a permanent “Ex” explosion-proof mark.
2. After the surface of the product is deburred by industrial robots and high-speed shot blasting, the advanced automatic high-pressure electrostatic spray and heat-curing line technology is adopted. The plastic layer formed on the surface of the shell has strong adhesion and good anti-corrosion ability.
3. The product is divided into two types of explosion-proof type: explosion-proof casing and increased safety casing. The explosion-proof casing is equipped with HZ10 combination switch, and the increased safety type is equipped with explosion-proof switch.
4. The sealing strip adopts two-component polyurethane primary casting foaming process, which has high protection performance.
5. All exposed fasteners are made of stainless steel.
6. Steel pipes and cable wiring are available.

■ 外形及安装尺寸 Outline & installation dimensions



单控(Single control)　　双控(Dual control)

■ 订货须知 Order note

1. 请根据“型号含义”注明所需产品详细的规格，防爆标志，数量；
2. IIC时用户须另配隔爆型电缆引入装置。
1. Please indicate its size, Ex-mark and quantity according to model implication;
2. User must use flame-proof cable entry device for class ⅡC

LBZ-10S系列防爆操作柱
LBZ-10S Series explosion-proof operation post



■ 型号含义 Model implication

LBZ -□S□□D/□□/□N/□K/□□□□

- 防爆操作柱 Explosion-proof Operation post
- 额定电流(可为：6A, 10A, 16A) Rated current(For:6A, 10A, 16A)
- 增安型外壳 Safty enclosure
- F-粉尘防爆(不要求不注) Dust explosion-proof(No marking without requirement)
- 安装方式 ways of install ation
  - G-挂式 Case type
  - Z-立柱式 Vertical type
  - Q-桥架式 Bridge type
- 指示灯部分 Indicator
  - 指示灯/数量(不带不注) Indicator/nos(No marking if without)
- 仪表部分 Meter
  - V-电压表/数量(不带不注) Voltmeter/nos (No marking if without)
  - A-电流表/数量(不带不注) Ammeter/nos (No marking if without)
- 开关部分 switch
  - 开关/数量(不带不注) switch/nos(No marking if without)
- 按钮部分 button
  - 按钮/数量(不带不注) button/nos(No marking if without)
- WF1-户外防中等腐蚀(不要求不注) WF1-Outdoot middle erosion-proof (No marking without requirement)
- T-特殊要求 T-Special requirement
- B-后进线/数量/螺纹规格(不带不注) Back inlet/ons/thread specification (No marking if without)
- D-上进线/数量/螺纹规格(不带不注) Top inlet/ons/thread specification (No marking if without)
- X-下进线/数量/螺纹规格(不带不注) Botton inlet/ons/thread specification (No marking if without)

注：立柱式下进线，进线螺纹规格为G1
note:Pillar base in bottom inlet,the standard of the inlet thread is G1

指示灯部分含义 Indicator implication

D/□-□ □□/□ □□/…

- 指示灯代号 Indicator code
- 数量 Quantity
- 指示灯代号 Indicator code
- 数量 Quantity
- 总数量 Total QTY
- 指示灯 Indicator

仪表部分含义 Meter implication

□/□-□ □/□ □/…

- 量程 Measuring span
- 数量 Quantity
- 量程 Measuring span
- 数量 Quantity
- 总数量 Total QTY
- 仪表 Meter
  - V-电压表 Voltmeter
  - A-电流表 Ammeter

按钮部分含义 Button implication

N/□-□ □□/□ □□/…

- 按钮代号 Button code
- 数量 Quantity
- 按钮代号 Button code
- 数量 Quantity
- 总数量 Total QTY
- 按钮 Button

开关部分含义 Switch implication

K/□-□ □□/□ □□/…

- 开关代号 Switch code
- 数量 Quantity
- 开关代号 Switch code
- 数量 Quantity
- 总数量 Total QTY
- 开关 Switch

LBZ-10S系列防爆操作柱
LBZ-10S Series explosion-proof operation post

FEICE 飞策

■ 适用范围 Applications

1. 广泛用于石油开采、炼油、化工、海洋石油平台、油轮等易燃易爆气体环境，也用于军工、港口、粮食储存、金属加工等可燃性粉尘场所；
2. 适用于爆炸性气体环境的1区、2区；
3. 适用于ⅡA、ⅡB、 ⅡC类爆炸性气体环境；
4. 适用于可燃性粉尘环境的21区、22区；
5. 适用于温度组别为T1～T4/T5/T6；
6. 用于电气控制系统中，作为指令发送及状态监视只用。

1. It is widely used in flammable and explosive gas environment such as oil exploitation, refining, chemical industry, offshore oil platform, oil tanker, etc. It is also used in flammable dust places such as military industry, port, grain storage and metal processing;
2. Applicable to Zone 1 and Zone 2 of explosive gas environment;
3. Applicable to IIA, IIB, IIC explosive gas environment;
4. Applicable to areas 21 and 22 of flammable dust environment;
5. Applicable to the temperature group is T1 ~ T4 / T5 / T6;
6. Used in electrical control systems, as command transmission and status monitoring only.

■ 执行标准 Executive standard

GB 3836.1、GB 3836.2、GB 3836.3、GB 12476.1、GB 12476.5、IEC 60079-0、IEC 60079-1、IEC 60079-7、IEC 61241-0、IEC 61241-1、EN 60079-0、EN 60079-1、EN 60079-7、EN 61241-0、EN 61241-1

■ 产品特点 Features

1. 产品外壳为增安外壳，采用铸铝合金一次压铸成型工艺，表面光滑，外形美观，内部组织致密度高，抗冲击性能强。
2. 外壳表面通过工业机器人去除毛刺和高速抛丸等系列工艺处理后，采用先进的全自动高压静电喷塑、热固化流水线工艺，壳体表面形成的塑层附着力强，产品防腐能力好。
3. 主腔为增安型外壳，内装防爆指示灯、按钮、电压、电流表及转换开关等多种防爆Ex元件。
4. 转换开关功能可根据用户要求进行选择，性能可靠。开关通过转轴与外部手柄相连，轴套为永久性固定在壳盖上，牢固可靠。
5. 密封条采用双组份聚氨酯一次线浇发泡成型工艺，具备高防护性能。
6. 户外的产品可根据用户要求配置防雨罩。
7. 安装方式一般为立柱式，也可做成挂式或桥架式，也可根据用户要求特制。挂式和桥架式安装可做成上进线或下进线。
8. 所有外露紧固件均采用不锈钢材质。
9. 钢管、电缆布线均可。

1. The outer shell of the product is an increased-energy outer casing. It adopts a die-casting process of cast aluminum alloy. The surface is smooth, the appearance is beautiful, the internal structure is high density and the impact resistance is strong.
2. After the surface of the outer casing is processed by industrial robots to remove burrs and high-speed shot blasting, the advanced automatic high-pressure electrostatic spray and heat-curing line technology is adopted, and the plastic layer formed on the surface of the shell has strong adhesion and good anti-corrosion ability.
3. The main cavity is an increased safety type housing with various explosion-proof Ex components such as explosion-proof indicator lights, buttons, voltage, ammeter and transfer switch.
4. The transfer switch function can be selected according to user requirements and the performance is reliable. The switch is connected to the external handle through the rotating shaft, and the sleeve is permanently fixed on the cover, which is firm and reliable.
5. The sealing strip adopts two-component polyurethane primary casting foaming process with high protection performance.
6. Outdoor products can be equipped with rain cover according to user requirements.
7. The installation method is generally column type, and can also be made into hanging type or bridge type, or can be specially made according to user requirements. Hanging and bridge mounting can be made into the upper or lower line.
8. All exposed fasteners are made of stainless steel.
9. Steel pipes and cable wiring are available.

■ 主要技术参数 Main technical parameters

额定电压Rated voltage (V)	额定电流Rated current (A)	进线螺纹Inlet thread (G)	电缆外径Cable outer dia. (mm)
220/380	6,10,16	M16~M50 G½ ~G1½	φ5~φ32 φ7~φ30

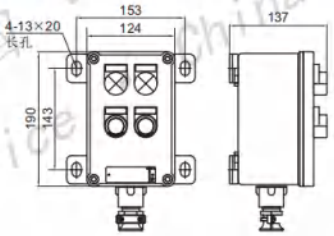
防爆标志 Ex-mark	防腐等级 Erosion-proof class	防护等级 Degree of protection
Ex d eⅡC T6 Gb Ex d e mb ⅡC T6 Gb Ex tD A21 IP66 T80℃	WF1	IP65 IP66*

■ 内装防爆元件见《防爆元件及配件类防爆产品》P225~P255。

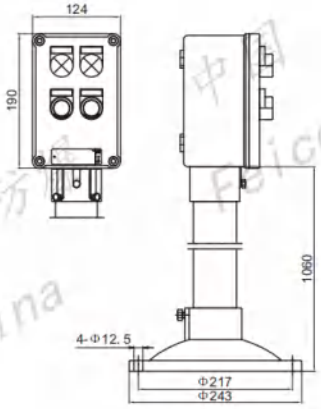
For the explosion-proof components inside, see "Explosion-proof components for explosion-proof components and accessories P225~P255.

防爆操作柱控制箱主令电器类

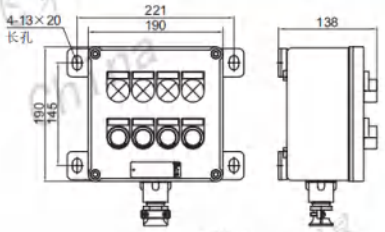
■ 外形及安装尺寸 Outline & installation dimensions



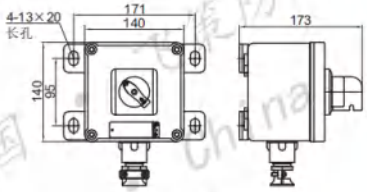
1型(挂式) Type 1 (hanging type)



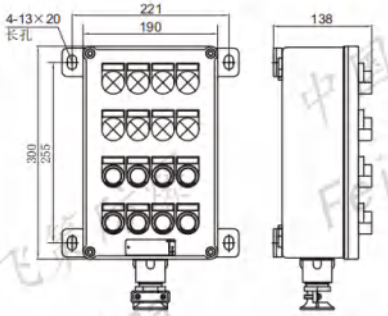
1型(立式) Type 1 (vertical)



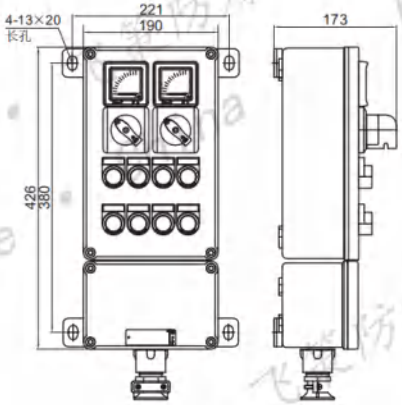
2型 Type



5型 Type

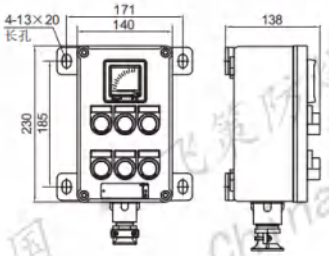


3型 Type

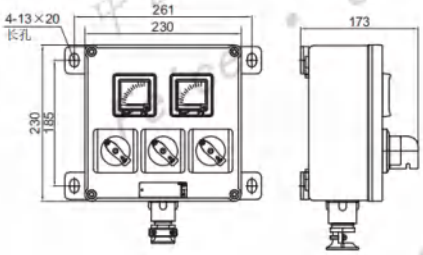


4型 Type

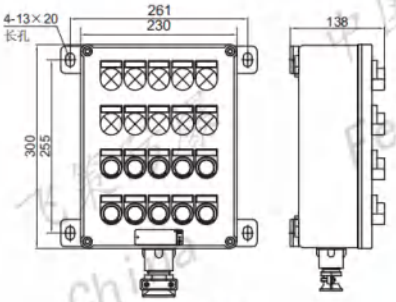




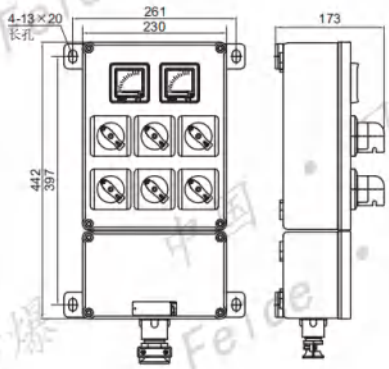
6型 Type



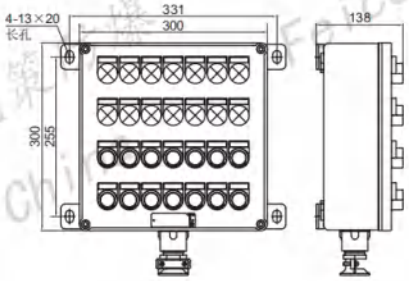
7型 Type



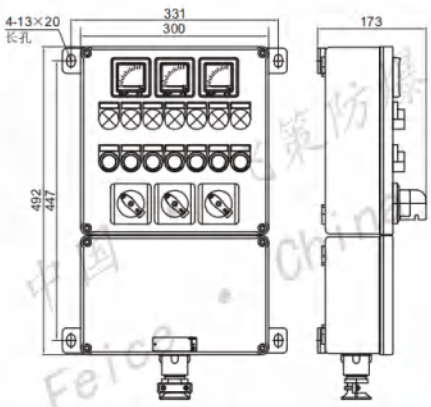
8型 Type



9型 Type



10型 Type



11型 Type

BF28158-g系列防爆防腐操作柱
BF28158-g Series explosion & corrosion-proof operation post



■ 型号含义 Model implication

BF2 8158-g □□ D/□ □/□ N/□ K/□ □ □ □

- 防爆防强腐蚀 Explosion-proof and serious erosion-proof
- 设计序号 Design No.
- 不锈钢外壳 Stainless steel enclosure
- 安装方式 Ways of mounting
  - G-挂式 Ceiling type
  - Z-立柱式 Pole type
  - Q-桥架式Rack type
- F-粉尘防爆(不要求不注) Dust explosion-proof No marking without requirement)
- 指示灯部分 Indicator
  - 指示灯/数量(不带不注) indicating lamps/nos(No marking if without)
- 仪表部分 Meter
  - V-电压表/数量(不带不注) Voltmeter/nos(No marking if without)
  - A-电流表/数量(不带不注) Ammeter/nos(No marking if without)
- 开关部分 switch
  - 开关/数量(不带不注) switch/nos(No marking if without)
- 按钮部分 button
  - 按钮/数量(不带不注) button/nos(No marking if without)
- WF2-户外防强腐蚀(不要求不注) Serious erosion-proof outdoor(No marking without requirement)
- T-特殊要求 T-Special requirement
- B-后进线/螺纹规格/数量(不带不注)(见PP71~P76) Back inlet/thread specifications/nos (No marking if without)(see P71~P76)
- D-上进线/数量(不带不注)(见P71~P76) Top inlet/thread specifications/nos (No marking if without)(see P71~P76)
- X-下进线/数量(不带不注)(见P71~P76) Botton inlet/thread specifications/nos (No marking if without)(see P71~P76)

注:立柱式下进线,进线螺纹规格为G1"
note:Pillar base in bottom inlet,the standard of the inlet thread is G1"

指示灯部分含义 Indicator implication

D/□-□ □□/□ □□/…

- 指示灯代号 Indicator code
- 数量 Quantity
- 指示灯代号 Indicator code
- 数量 Quantity
- 总数量 Total QTY
- 指示灯 Indicator

仪表部分含义 Meter implication

□/□-□ □/□ □/…

- 量程 Measuring span
- 数量 Quantity
- 量程 Measuring span
- 数量 Quantity
- 总数量 Total QTY
- 仪表 Meter
  - V-电压表 Voltmeter
  - A-电流表 Ammeter

按钮部分含义 Button implication

N/□-□ □□/□ □□/…

- 按钮代号 Button code
- 数量 Quantity
- 按钮代号 Button code
- 数量 Quantity
- 总数量 Total QTY
- 按钮 Button

开关部分含义 Switch implication

K/□-□ □□/□ □□/…

- 开关代号 Switch code
- 数量 Quantity
- 开关代号 Switch code
- 数量 Quantity
- 总数量 Total QTY
- 开关 Switch

BF28158-g系列防爆防腐操作柱
BF28158-g Series explosion & corrosion-proof operation post

FEICE 飞策

适用范围 Applications

1. 广泛用于石油开采、炼油、化工、海洋石油平台、油轮等易燃易爆气体环境，也用于军工、港口、粮食储存、金属加工等可燃性粉尘场所；
2. 适用于爆炸性气体环境的1区、2区；
3. 适用于ⅡA、ⅡB、 ⅡC类爆炸性气体环境；
4. 适用于可燃性粉尘环境的21区、22区；
5. 适用于含有腐蚀性气体、潮湿、防护要求较高的场所；
6. 适用于温度组别为T1～T6；
7. 作远距离操作电磁电器或在被控电机附近就地间接对电机进行控制，并可通过电工仪表及信号灯观察所控电路的运行情况。

1. It is widely used in flammable and explosive gas environment such as oil exploitation, refining, chemical industry, offshore oil platform, oil tanker, etc. It is also used in flammable dust places such as military industry, port, grain storage and metal processing;
2. Applicable to Zone 1 and Zone 2 of explosive gas environment;
3. Applicable to IIA, IIB, IIC explosive gas environment;
4. Applicable to areas 21 and 22 of flammable dust environment;
5. Applicable to corrosive gases, moisture, and high protection requirements place;
6. Applicable to the temperature group is T1 ~ T4;
7. Operate the electromagnetic appliance remotely or indirectly control the motor in the vicinity of the controlled motor, and observe the operation of the controlled circuit through the electrical instrument and signal light.

执行标准 Executive standard

GB 3836.1、GB 3836.2、GB 3836.3、GB 3836.9、GB 12476.1、GB 12476.5、IEC 60079-0、IEC 60079-1、IEC 60079-7、IEC 61241-0、IEC 61241-1、EN 60079-0、EN 60079-1、EN 60079-7、EN 61241-0、EN 61241-1

产品特点 Features

1. 外壳采用不锈钢制成，外形美观，具有耐腐蚀，耐冲击及热稳定性好等特点。
2. 增安型防爆外壳，内装我公司自行研制的防爆指示灯、防爆按钮、防爆电工仪表、防爆控制开关、防爆电位器等多种电器元件。
3. 转换开关功能可根据用户要求进行选择。
4. 可根据用户要求可选择指示灯、按钮、仪表、开关等电器元件，进行合理排列组合。户外的产品可根据用户要求配置防雨罩。
5. 安装方式为立式或挂式，也可根据用户要求特制。立式和挂式安装可做成上进线或下进线。
6. 产品设计有曲路迷宫式密封结构，通过连续线浇形成双组份聚氨酯发泡密封胶条，具有可靠的防水、防尘性能。
7. 所有外露紧固件均采用不锈钢材质。

1. The outer casing is made of stainless steel, which has beautiful appearance, corrosion resistance, impact resistance and good thermal stability.
2. Increased safety explosion-proof casing, equipped with explosion-proof indicator lights, explosion-proof buttons, explosion-proof electrical instruments, explosion-proof control switches, explosion-proof potentiometers and other electrical components developed by our company.
3. The transfer switch function can be selected according to user requirements.
4. According to the user's requirements, you can select the electrical components such as indicators, buttons, meters, switches, etc., and make a reasonable arrangement. Outdoor products can be equipped with rain cover according to user requirements.
5. The installation method is vertical or hanging, and can also be customized according to user requirements. Vertical and hanging installations can be made into the upper or lower line.
6. The product design has a curved labyrinth seal structure, which is formed by continuous wire casting to form a two-component polyurethane foam sealant strip, which has reliable waterproof and dustproof performance.
7. All exposed fasteners are made of stainless steel.

主要技术参数 Main technical parameters

额定电压 Rated voltage(V)	额定电流 Rated current(A)	进线螺纹 Inlet thread	电缆外径(mm) Cable outer dia.
220/380	10	M16-M63 G½~G2	见P71~P76

注：立柱式下进线，进线螺纹规格为G1
note:Pillar base in bottom inlet,the standard of the inlet thread is G1

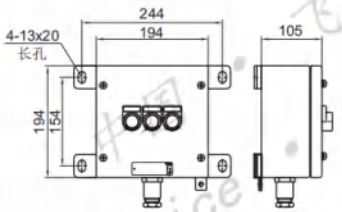
防爆标志 Ex-Mark	防腐等级 Erosion-proof class	防护等级 Degree of protection
Ex d e ⅡCT6 Gb Ex d e mb ⅡC T6 Gb Ex tD A21 IP66 80℃	WF2	IP65, IP66*

*. 要求IP66，需注明。 IP66 requirements must be marked

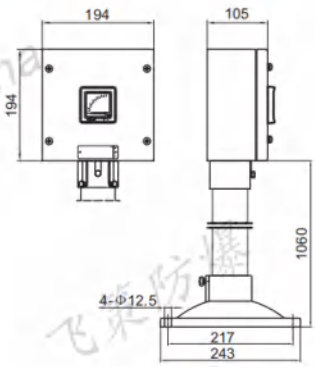
■ 内装防爆元件见《防爆元件及配件类防爆产品》P225~P255。

For the explosion-proof components inside, see "Explosion-proof components for explosion-proof components and accessories P225~P255.

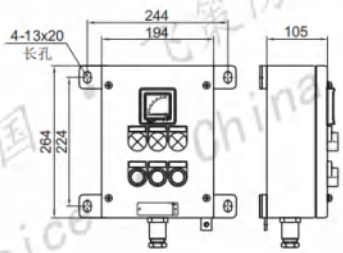
■ 1～5 型箱外形及安装尺寸 Outline & installation dimensions



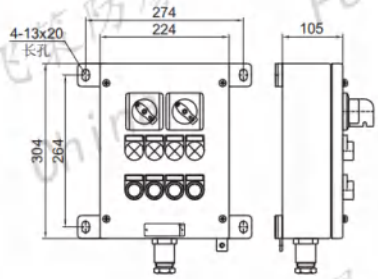
1型(挂式)
Type 1 (hanging type)



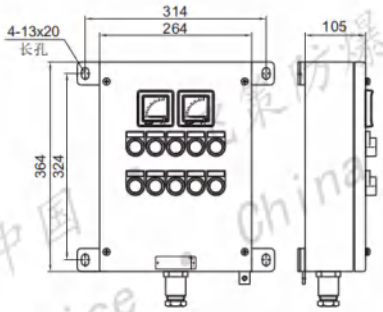
1型(立式)
Type 1 (vertical)



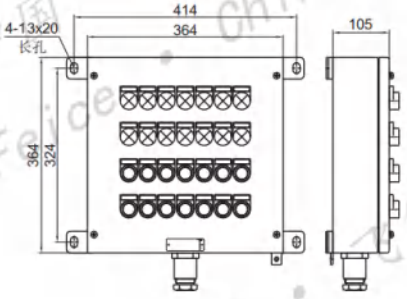
2型 Type



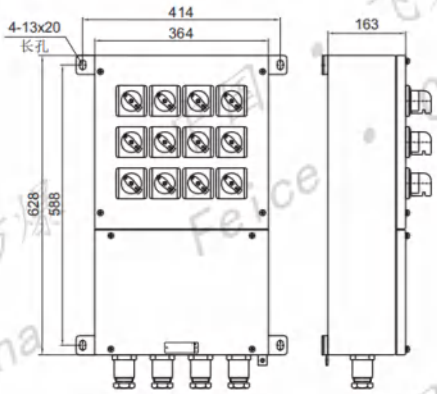
3型 Type



4型 Type



5型 Type



6型 Type



防爆防腐断路器开关、操作柱、控制箱类

dLXK-系列防爆行程开关
dLXK-Series explosion-proof travel switch

IIB级



dLXK-B15Z　dLXK-B15L　dLXK-B15B　dLXK-B15H　dLXK-B15N

IIC级



dLXK-C15Z　dLXK-C15L　dLXK-C15B　dLXK-C15H　dLXK-C15N

■ 型号含义　Model implication

d LX K- □15 □□

- 防爆 Explosion-proof
- 行程开关 Travel switch
- 快动触头 Quick connector
- IIB类防爆（可不注） Class IIB explosion-proof (No marking)
- IIC类防爆 Class IIC explosion-proof
- F-粉尘防爆 Dust explosion-proof
- 驱动头 Driver
  - Z-柱塞式 Post type
  - L-滚轮柱塞式 Post roller
  - B-滚轮式转臂 Post rotary arm
  - H-滚轮式叉转臂 Post fork of rotary arm
  - N-挠性触头 Flexible contactor
- 进线口螺纹 Inlet thread
- WF1-户外防中等腐蚀(不带不注) WF1- Outdoor middle erosion-proof(No marking if without)

■ 适用范围　Applications

1. 广泛用于石油开采、炼油、化工、海洋石油平台、油轮等易燃易爆气体环境，也用于军工、港口、粮食储存、金属加工等可燃性粉尘场所；
2. 适用于爆炸性气体环境的1区、2区；
3. 适用于ⅡA、ⅡB、 ⅡC类爆炸性气体环境；
4. 适用于可燃性粉尘环境的21区、22区；
5. 适用于温度组别为T1～T4/T5/T6；
6. 在控制电路中将机械信号转变为电气信号，作为控制机械动作或程序之用。

1. It is widely used in flammable and explosive gas environment such as oil exploitation, refining, chemical industry, offshore oil platform, oil tanker, etc. It is also used in flammable dust places such as military industry, port, grain storage and metal processing;
2. Applicable to Zone 1 and Zone 2 of explosive gas environment;
3. Applicable to IIA, IIB, IIC explosive gas environment;
4. Applicable to areas 21 and 22 of flammable dust environment;
5. Applicable to the temperature group is T1 ~ T4 / T5 / T6;
6. Transform mechanical signals into electrical signals in the control circuit as a control for mechanical actions or procedures.

■ 执行标准　Executive standard

GB 3836.1、GB 3836.2、GB 3836.3、GB 12476.1、GB 12476.5、IEC 60079-0、IEC 60079-1、IEC 60079-7、IEC 61241-0、IEC 61241-1、EN 60079-0、EN 60079-1、EN 60079-7、EN 61241-0、EN 61241-1

dLXK-系列防爆行程开关
dLXK-Series explosion-proof travel switch

■ 产品特点 Features

1. 产品外壳为铸铝合金ZL102；采用一次压铸成型工艺，表面光滑，外形美观，内部组织致密度高，抗冲击性能强产品外壳防爆性能好，产品上有压制的永久性“Ex”防爆标志；
2. 产品表面通过工业机器人去除毛刺和高速抛丸后，采用先进的全自动高压静电喷塑、热固化流水线工艺，壳体表面形成的塑层附着力强，产品的防腐能力好；
3. 产品结构为隔爆型外壳，壳内装有普通行程开关元件；
4. 按驱动头动作形式可分为：柱塞式、滚轮柱塞式、滚轮式转臂、滚轮式叉转臂、挠性触头。客户可根据需要自行选择；
5. 密封条采用双组份聚氨酯一次线浇发泡成型工艺，具备高防护性能；
6. 所有外露紧固件均采用不锈钢材质；
7. 钢管、电缆布线均可。

1. The outer shell of the product is cast aluminum alloy ZL102; it adopts one-time die-casting process, the surface is smooth, the appearance is beautiful, the internal structure is high density, the impact resistance is strong, the outer shell has good explosion-proof performance, and the product has a permanent permanent “Ex” explosion-proof mark. ;
2. After the surface of the product is deburred by industrial robots and high-speed shot blasting, the advanced automatic high-pressure electrostatic spray and heat-curing line technology is adopted. The plastic layer formed on the surface of the shell has strong adhesion and the product has good anti-corrosion ability;
3. The product structure is a flameproof enclosure with a common trip switch element inside the enclosure;
4. According to the driving head action form, it can be divided into: plunger type, roller plunger type, roller type arm, roller type fork arm, and flexible contact. Customers can choose according to their needs;
5. The sealing strip adopts two-component polyurethane primary casting foaming process, which has high protection performance;
6. All exposed fasteners are made of stainless steel;
7. Steel pipes and cable wiring are available.

■ 主要技术参数 Main technical parameters

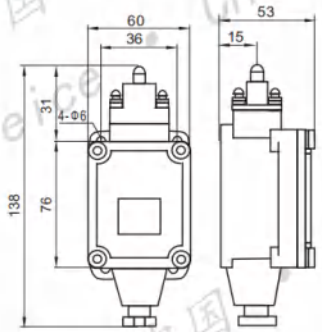
额定电压 (V) Rated voltage	额定电流 (A) Rated current	进线口螺纹 Inlet thread(G)	电缆外径 Cable outer dia. (mm)
220,380	5	G½	Φ7～Φ10

防爆标志 Ex-mark	防护等级 Degree of protection	防腐等级 Erosion-proof class
Ex d ⅡB T6 Gb Ex d ⅡC T6 Gb Ex tD A21 IP66 T80℃	IP54 IP65 IP66*	WF1

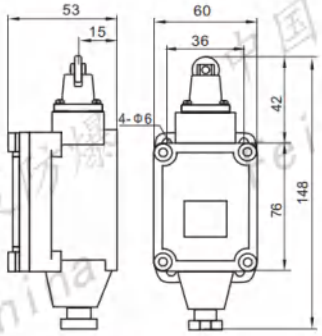
*. 要求IP66，需注明。 IP66 Requirements must be marked

型号 Type	触头数量 Nos. of contact		动作行程 shift motion	超行程 Over travel	动作力(N) force	重量 Weight (Kg)
	常开Open	常闭Close				
dLXK-□ 15Z	1	1	1～3mm	2mm	≤19.6	0.4
dLXK-□ 15L			1～3mm			
dLXK-□ 15B			12～15°	≥30°	≤9.8	
dLXK-□ 15H			≥45°		≤14.7	
dLXK-□ 15N			1～3mm	2mm	≤19.6	

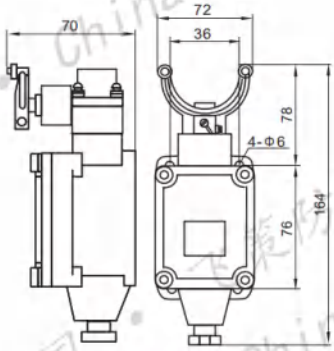
■ 外形及安装尺寸 Outline & installation dimensions



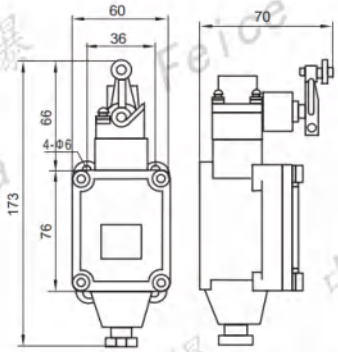
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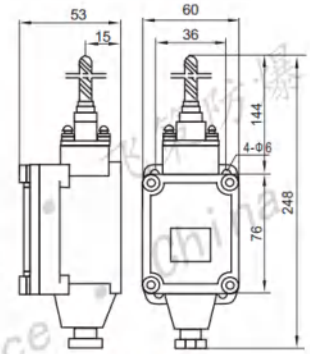
dLXK-B15L



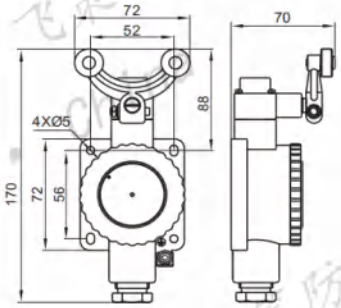
dLXK-B15H



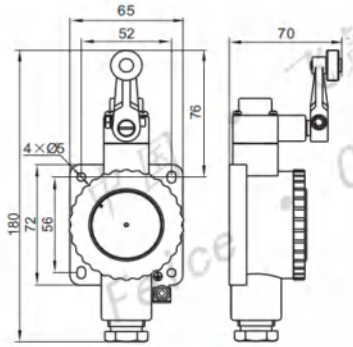
dLXK-B15B



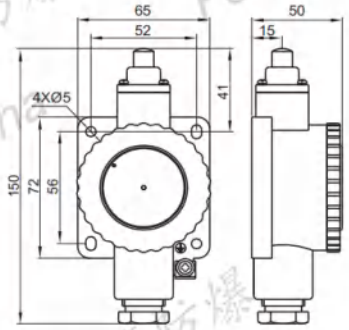
dLXK-B15N



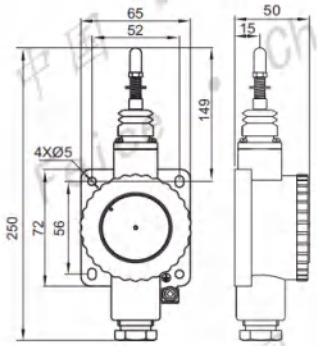
dLXK-C15H



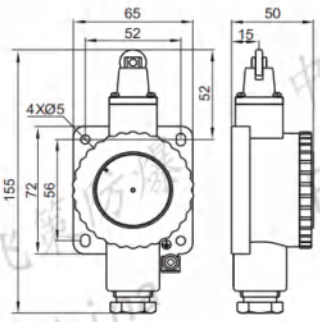
dLXK-C15B



dLXK-C15Z



dLXK-C15N



dLXK-C15L

■ 订货须知 Order note

请根据“型号含义”及选型表注明所需产品详细型号、规格、防爆标志和数量。
Please indicate the details of product model, , size, Ex-mark and quantity according to model implication and model selection table.

LA53-系列防爆控制按钮
LA53-Series explosion-proof control button



■ 型号含义 Model implication

L A 53-□□□/□□□

- 防爆主令电器 Master control electrical equipment
- 按钮 Button
- 设计序号 Design No.
- F-粉尘防爆(不要求不注) Dust explosion-proof (No marking without requirement)
- 带仪表 Meter
  - V-电压表/数量 Voltmeter/nos
  - A-电流表/数量 Ammeter/nos
- 按钮数 Nos.of button
- 特殊要求 Special requirement
- WF1-户外防中等腐蚀(不带不注) WF1- Outdoor middle erosion-proof(No marking if without)

■ 适用范围 Applications

1. 广泛用于石油开采、炼油、化工、海洋石油平台、油轮等易燃易爆气体环境，也用于军工、港口、粮食储存、金属加工等可燃性粉尘场所；
2. 适用于爆炸性气体环境的1区、2区；
3. 适用于ⅡA、ⅡB、 ⅡC类爆炸性气体环境；
4. 适用于可燃性粉尘环境的21区、22区；
5. 适用于温度组别为T1～T4/T5/T6；
6. 用于电气控制系统中，作为对起动器、继电器和其他电气线路进行控制。

1. It is widely used in flammable and explosive gas environment such as oil exploitation, refining, chemical industry, offshore oil platform, oil tanker, etc. It is also used in flammable dust places such as military industry, port, grain storage and metal processing;
2. Applicable to Zone 1 and Zone 2 of explosive gas environment;
3. Applicable to IIA, IIB, IIC explosive gas environment;
4. Applicable to areas 21 and 22 of flammable dust environment;
5. Applicable to the temperature group is T1 ~ T4 / T5 / T6;
6. Used in electrical control systems as a starter, Relays and other electrical circuits are controlled.

■ 执行标准 Executive standard

GB 3836.1、GB 3836.2、GB 3836.3、GB 12476.1、GB 12476.5、IEC 60079-0、IEC 60079-1、IEC 60079-7、IEC 61241-0、IEC 61241-1、EN 60079-0、EN 60079-1、EN 60079-7、EN 61241-0、EN 61241-1

■ 产品特点 Features

1. 产品外壳为铸铝合金ZL102，采用一次压铸成型工艺，表面光滑，外形美观，内部组织致密度高，抗冲击性能强，外壳防爆性能好，产品上有压制的永久性“Ex”防爆标志。
2. 产品表面通过工业机器人去除毛刺和高速抛丸等系列工艺处理后，采用先进的全自动高压静电喷塑、热固化流水线工艺，壳体表面形成的塑层附着力强，防腐能力好。
3. 产品为增安型外壳，内装防爆信号灯、按钮、电压表、电流表等电器元件。
4. 密封条采用双组份聚氨酯一次线浇发泡成型工艺，具备高防护性能。
5. 所有外露紧固件均采用不锈钢材质。
6. 钢管、电缆布线均可。

1. The outer shell of the product is cast aluminum alloy ZL102. It adopts one-time die-casting process, with smooth surface, beautiful appearance, high density of internal structure, strong impact resistance, good explosion-proof performance of the shell, and permanent permanent “Ex” explosion-proof mark on the product. .

LA53-系列防爆控制按钮
LA53-Series explosion-proof control button

2. After the surface of the product is processed by industrial robots to remove burrs and high-speed shot blasting, the advanced automatic high-pressure electrostatic spray and heat-curing line technology is adopted, and the plastic layer formed on the surface of the shell has strong adhesion and good anti-corrosion ability.
3. The product is an increased safety type housing with built-in electrical components such as explosion-proof signal lights, buttons, voltmeters, and ammeters.
4. The sealing strip adopts two-component polyurethane primary casting foaming process, which has high protection performance.
5. All exposed fasteners are made of stainless steel.
6. Steel pipes and cable wiring are available.

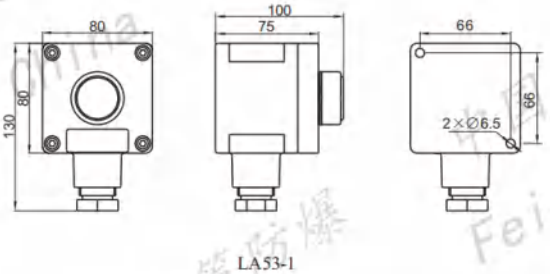
主要技术参数 Main technical parameters

型号 Type	电流 Current (A)	电压 Voltage (V) 直流DC	电压 Voltage (V) 交流AC	电流表 Ammeter 数量(台) Quantity	电流表 Ammeter 标称值 Nominal value	按钮数(台) Nos.of button	电缆外径 Cable outer dia.(mm)
LA53-1	10	220	220 380			1	Φ10～Φ14
LA53-2						2	
LA53-3						3	
LA53-2A				1	按用户要求 On user's request	2	
LA53-3A				1		3	

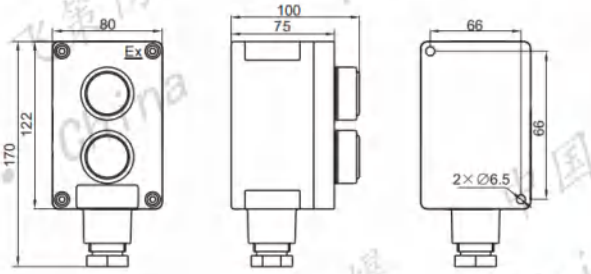
防爆标志 Ex-mark	防护等级 Degree of protection	防腐等级 Erosion-proof class	进线口螺纹 Inlet thread (G)
Ex d eⅡB T6 Gb Ex d eⅡC T6 Gb Ex tD A21 IP66 T80℃	IP65 IP66*	WF1	G¾

*. 要求IP66，需注明。 IP66 Requirements must be marked

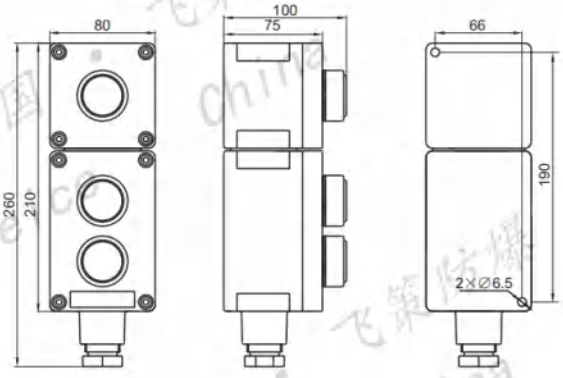
外形及安装尺寸 Outline & installation dimensions



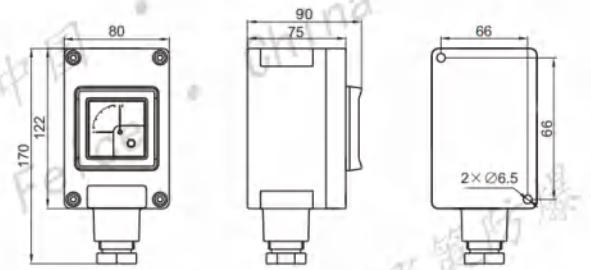
LA53-1



LA53-2



LA53-2A



LA53-3

订货须知 Order note

1. 请根据“型号含义”，注明所需产品具体型号规格和数量；
2. 请注明防爆标志；
3. 当所需参数与选型不一致时请注明。

1. Please indicate the details of product model, size and quantity;
2. When the parameter is not same as model selection please note it;
3. Indicate your special requirements of you have.

BF28158-g系列防爆防腐控制箱
BF28158-g Series explosion & corrosion-proof control box



■ 型号含义 Model implication

BF2 8158-g □ D/□ □/□ N/□ K/□ □ □ □

- 防爆防强腐蚀 Explosion-proof and serious erosion-proof
- 设计序号 Design No.
- 不锈钢外壳 Stainless steel enclosure
- F-粉尘防爆(不要求不注) Dust explosion-proof(No marking without requirement)
- 指示灯部分 Indicator
  - 指示灯/数量(不带不注) indicating lamps/nos(No marking if without)
- 仪表部分 Meter
  - V-电压表/数量(不带不注) Voltmeter/nos (No marking if without)
  - A-电流表/数量(不带不注) Ammeter/nos (No marking if without)
- 按钮部分 button
  - 按钮/数量(不带不注) button/nos(No marking if without)
- 开关部分 switch
  - 开关/数量(不带不注) switch/nos(No marking if without)
- D-上进线/螺纹规格/数量(不带不注)(见P71~P76) Top inlet/thread specifications/nos (No marking if without)(seeP71~P76)
- X-下进线/螺纹规格/数量(不带不注)(见P71~P76) Botton inlet/thread specifications/nos (No marking if without)(see P71~P76)
- T-特殊要求 T-Special requirement
- WF2-户外防强腐蚀(不要求不注) Serious erosion-proof outdoor (No marking without requirement)

指示灯部分含义 Indicator implication

D/□-□ □□/□ □□/…

- 指示灯代号 Indicator code
- 数量 Quantity
- 指示灯代号 Indicator code
- 数量 Quantity
- 总数量 Total QTY
- 指示灯 Indicator

仪表部分含义 Meter implication

□/□-□ (□/□ (□/)…

- 量程 Measuring span
- 数量 Quantity
- 量程 Measuring span
- 数量 Quantity
- 总数量 Total QTY
- 仪表 Meter
  - V-电压表 Voltmeter
  - A-电流表 Ammeter

按钮部分含义 Button implication

N/□-□ □□/□ □□/…

- 按钮代号 Button code
- 数量 Quantity
- 按钮代号 Button code
- 数量 Quantity
- 总数量 Total QTY
- 按钮 Button

开关部分含义 Switch implication

K/□-□ □□/□ □□/…

- 开关代号 Switch code
- 数量 Quantity
- 开关代号 Switch code
- 数量 Quantity
- 总数量 Total QTY
- 开关 Switch

BF28158-g系列防爆防腐控制箱
BF28158-g Series explosion & corrosion-proof control box

适用范围 Applications

1. 广泛用于石油开采、炼油、化工、海洋石油平台、油轮等易燃易爆气体环境，也用于军工、港口、粮食储存、金属加工等可燃性粉尘场所；
2. 适用于爆炸性气体环境的1区、2区；
3. 适用于ⅡA、ⅡB、 ⅡC类爆炸性气体环境；
4. 适用于可燃性粉尘环境的21区、22区；
5. 适用于含有腐蚀性气体、潮湿、防护要求较高的场所；
6. 适用于温度组别为T1～T6；
7. 作远距离操作电磁电器或在被控电机附近就地间接对电机进行控制，并可通过电工仪表及信号灯观察所控电路的运行情况。

1. It is widely used in flammable and explosive gas environment such as oil exploitation, refining, chemical industry, offshore oil platform, oil tanker, etc. It is also used in flammable dust places such as military industry, port, grain storage and metal processing;
2. Applicable to Zone 1 and Zone 2 of explosive gas environment;
3. Applicable to IIA, IIB, IIC explosive gas environment;
4. Applicable to areas 21 and 22 of flammable dust environment;
5. Applicable to corrosive gases, moisture, and high protection requirements place;
6. Applicable to the temperature group is T1 ~ T6;
7. Operate the electromagnetic appliance remotely or indirectly control the motor in the vicinity of the controlled motor, and observe the operation of the controlled circuit through the electrical instrument and signal light.

执行标准 Executive standard

GB 3836.1、GB 3836.2、GB 3836.3、GB 3836.9、GB 12476.1、GB 12476.5、IEC 60079-0、IEC 60079-1、IEC 60079-7、IEC 61241-0、IEC 61241-1、EN 60079-0、EN 60079-1、EN 60079-7、EN 61241-0、EN 61241-1

产品特点 Features

1. 外壳采用不锈钢制成，外形美观，具有耐腐蚀，耐冲击及热稳定性好等特点。
2. 增安型防爆外壳，内装我公司自行研制的防爆指示灯、防爆按钮、防爆电工仪表、防爆控制开关、防爆电位器等多种电器元件。
3. 转换开关功能可根据用户要求进行选择。
4. 可根据用户要求可选择指示灯、按钮、仪表、开关等电器元件，进行合理排列组合。户外的产品可根据用户要求配置防雨罩。
5. 安装方式为挂式，也可根据用户要求特制。进线方式可做成上进线或下进线。
6. 产品设计有曲路迷宫式密封结构，通过连续线浇形成双组份聚氨酯发泡密封胶条，具有可靠的防水、防尘性能。
7. 所有外露紧固件均采用不锈钢材质。

1. The outer casing is made of stainless steel, which has beautiful appearance, corrosion resistance, impact resistance and good thermal stability.
2. Increased safety explosion-proof casing, equipped with explosion-proof indicator lights, explosion-proof buttons, explosion-proof electrical instruments, explosion-proof control switches, explosion-proof potentiometers and other electrical components developed by our company.
3. The transfer switch function can be selected according to user requirements.
4. According to the user's requirements, you can select the electrical components such as indicators, buttons, meters, switches, etc., and make a reasonable arrangement. Outdoor products can be equipped with rain cover according to user requirements.
5. The installation method is hanging type, and can also be customized according to user requirements. The incoming line can be made into the upper or lower line.
6. The product design has a curved labyrinth seal structure, which is formed by continuous wire casting to form a two-component polyurethane foam sealant strip, which has reliable waterproof and dustproof performance.
7. All exposed fasteners are made of stainless steel.

主要技术参数 Main technical parameters

额定电压 Rated voltage (V)	额定电流 Rated current (A)	进线螺纹 Inlet thread	电缆外径 Cable outer dia.
220/380	10	M16~M63 G½~G2	见see P71~P76

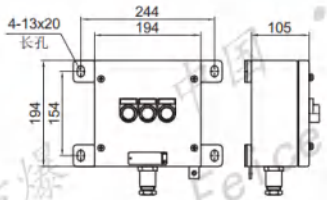
防爆标志 Ex-Mark	防腐等级 Erosion-proof class	防护等级 Degree of protection
Ex d eⅡC T6 Gb Ex d e mbⅡC T6 Gb Ex tD A21 IP66 80℃	WF2	IP65，IP66*

*. 要求IP66，需注明。 IP66 requirements must be marked

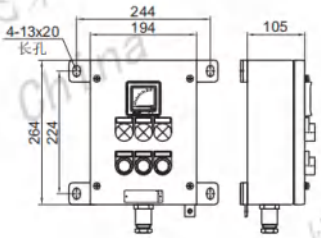
■ 内装防爆元件见《防爆元件及配件类防爆产品》P225~P255。

For the explosion-proof components inside, see "Explosion-proof components for explosion-proof components and accessories P225~P255.

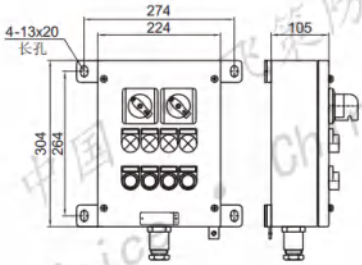
■ 外形及安装尺寸 Outline & installation dimensions



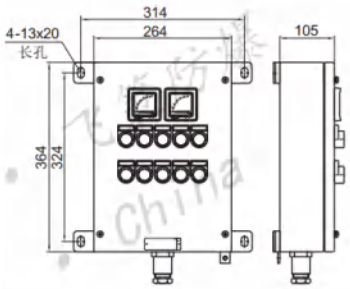
1型 Type



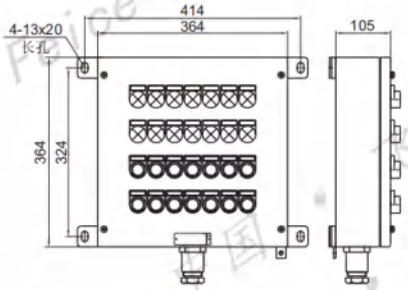
2型 Type



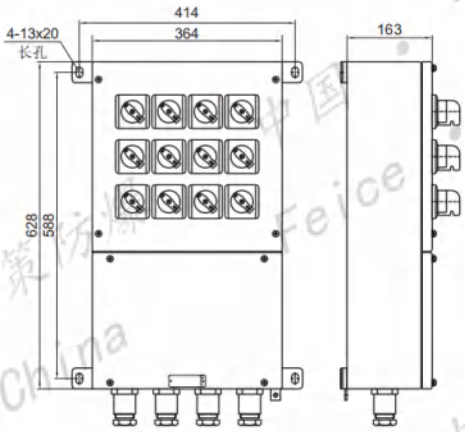
3型 Type



4型 Type



5型 Type



6型 Type

■ 订货须知 Order note

1. 按照型号含义中的规则逐条进行选择，并在型号含义后增加防爆标志。
2. 如用户有特殊需求，需在订购时详细指明。

1. Accord with the model implication's rules to select regularly, and Ex-mark should be added behind model implication;
2. If there are some special requirements, it should be pointed as ordering.

8077/1-系列防爆行程开关
8077/1-Series explosion-proof travel switch



型号含义 Model implication

8077/1- □ □ □

- 产品代号 Code of product
- 设计序号 Design No.
- 驱动头 Driver
  - Z-柱塞式 Post type
  - B-滚轮式转臂 Post rotary arm
- WF1-户外防中等腐蚀(不带不注) WF1- Outdoor middle erosion-proof(No marking if without)
- F-粉尘防爆(不要求不注) Dust explosion-proof (No marking without requirement)

适用范围 Applications

1. 广泛用于石油开采、炼油、化工、海洋石油平台、油轮等易燃易爆气体环境，也用于军工、港口、粮食储存、金属加工等可燃性粉尘场所；
2. 适用于爆炸性气体环境的1区、2区；
3. 适用于ⅡA、ⅡB、 ⅡC类爆炸性气体环境；
4. 适用于可燃性粉尘环境的21区、22区；
5. 适用于温度组别为T1～T4/T5/T6；
6. 在控制电路中将机械信号转变为电气信号，作为控制机械动作或程序之用。

1. It is widely used in flammable and explosive gas environment such as oil exploitation, refining, chemical industry, offshore oil platform, oil tanker, etc. It is also used in flammable dust places such as military industry, port, grain storage and metal processing;
2. Applicable to Zone 1 and Zone 2 of explosive gas environment;
3. Applicable to IIA, IIB, IIC explosive gas environment;
4. Applicable to areas 21 and 22 of flammable dust environment;
5. Applicable to the temperature group is T1 ~ T4 / T5 / T6;
6. Transform mechanical signals into electrical signals in the control circuit as a control for mechanical actions or procedures.

执行标准 Executive standard

GB 3836.1、GB 3836.2、GB 3836.3、GB 12476.1、GB 12476.5、IEC 60079-0、IEC 60079-1、IEC 60079-7、IEC 61241-0、IEC 61241-1、EN 60079-0、EN 60079-1、EN 60079-7、EN 61241-0、EN 61241-1

产品特点 Features

1. 产品外壳为铸铝合金ZL102。采用一次压铸成型工艺，表面光滑，外形美观，内部组织致密度高，抗冲击性能强，产品上有压制的永久性“Ex”防爆标志。
2. 产品表面通过工业机器人去除毛刺和高速抛丸后，采用先进的全自动高压静电喷塑、热固化流水线工艺，壳体表面形成的塑层附着力强，产品防腐能力好。
3. 产品为增安型防爆外壳，内装特制防爆行程开关模块。
4. 按驱动头动作形式可分为：柱塞式、滚轮转臂式。客户可根据需要自行选择。
5. 密封条采用双组份聚氨酯一次线浇发泡成型工艺，具备高防护性能。
6. 所有外露紧固件均采用不锈钢材质。
7. 钢管、电缆布线均可。

8077/1-系列防爆行程开关
8077/1-Series explosion-proof travel switch

1. The outer casing of the product is cast aluminum alloy ZL102. Adopting a one-time die-casting process, the surface is smooth, the appearance is beautiful, the internal structure is dense, the impact resistance is strong, and the product has a permanent "Ex" explosion -proof mark.
2. After the surface of the product is deburred by industrial robots and high-speed shot blasting, the advanced automatic high-pressure electrostatic spray and heat-curing line technology is adopted. The plastic layer formed on the surface of the shell has strong adhesion and good anti-corrosion ability.
3. The product is an explosion-proof explosion-proof enclosure with a special explosion-proof stroke switch module.
4. According to the driving head action form, it can be divided into: plunger type and roller arm type. Customers can choose according to their needs.
5. The sealing strip adopts two-component polyurethane primary casting foaming process with high protection performance.
6. All exposed fasteners are made of stainless steel.
7. Steel pipes and cable wiring are available.

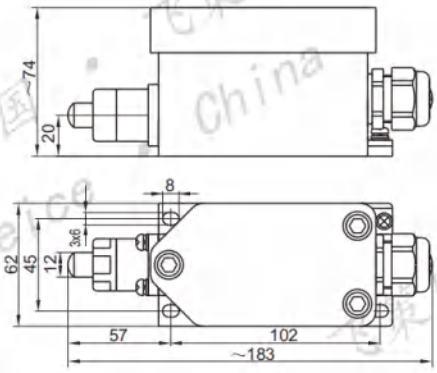
■ 主要技术参数 Main technical parameters

类别 Description	额定电压(≤V) Rated voltage	额定电流(A) Rated current	触头数量 Nos. of contact		防爆标志 Ex-mark	防护等级 Degree of protection	电缆外径 Cable outer dia.(mm)
			常开 Open	常闭Close			
交流 AC	500	10	1	1	Ex d eIIC T6 Gb Ex tD A21 IP66 T80℃	IP65 IP66*	Φ6～Φ13
直流 DC	500	0.12					
	220	0.50					
	24	7					

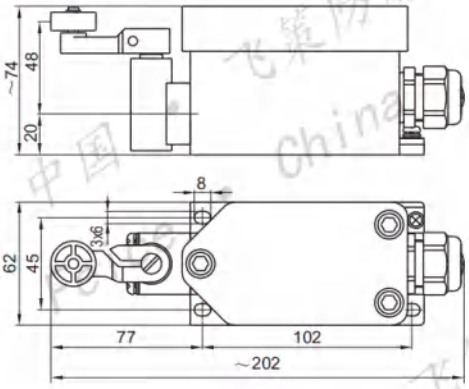
*. 要求IP66，需注明。 IP66 Requirements must be marked

型号 Type	动作行程 shift motion	超行程 Over travel	动作力(N) force	差程 Tolerance
8077/1-Z	<5(mm)	>4(mm)	≥61.8(N)	<3(mm)
8077/1-B	<40°	≥30°	≥13.7(N)	≤25°

■ 外形及安装尺寸 Outline & installation dimensions



8077/1-Z



8077/1-B

■ 订货须知 Order onte

请根据"型号含义"及选型表注明所需产品详细型号、规格、防爆标志和数量。
Please indicate the details of product model, , size, Ex-mark and quantity according to model implication and model selection table.

□ XN-防爆消防报警按钮

□ XN-Explosion-proof alarm button for fire protection



■ 型号含义 Model implication

□ XN - □ □N-□ / D-□ T □

- B-ⅡB类防爆 Class ⅡB explosion-proof
- C-ⅡC类防爆 Class ⅡC explosion-proof
- F-粉尘防爆(不要求不注) Dust explosion-proof (No marking without requirement)
- 消防报警按钮 Alarm button for fire protection
- S-全塑外壳(可不注) S- plastic enclosure(No marking)
- Z-铝合金外壳 Z- allumiun alloy enclosure
- WF1-户外防中等腐蚀(不带不注) WF1- Outdoor middle erosion-proof (No marking if without)
- WF2-户外防强腐蚀(不要求不注) WF2- Outdoor serious erosion-proof
- 特殊要求(不要求不注) Special requirement(no marking without requirement)
- 指示灯元件及参数 Indicator lamp and parameters
- 按钮元件及参数 Button and parameters
- 元件总数(一个不注) Nos of parts(no marking for single)

■ 适用范围 Applications

1. 广泛用于石油开采、炼油、化工、海洋石油平台、油轮等易燃易爆气体环境，也用于军工、港口、粮食储存、金属加工等可燃性粉尘场所；
2. 适用于爆炸性气体环境的1区、2区；
3. 适用于ⅡA、ⅡB、 ⅡC类爆炸性气体环境；
4. 适用于可燃性粉尘环境的21区、22区；
5. 适用于温度组别为T1～T4/T5/T6；
6. 适用于消防重点监控管理的场所。

1. It is widely used in flammable and explosive gas environment such as oil exploitation, refining, chemical industry, offshore oil platform, oil tanker, etc. It is also used in flammable dust places such as military industry, port, grain storage and metal processing;
2. Applicable to Zone 1 and Zone 2 of explosive gas environment;
3. Applicable to IIA, IIB, IIC explosive gas environment;
4. Applicable to areas 21 and 22 of flammable dust environment;
5. Applicable to the temperature group is T1 ~ T4 / T5 / T6;
6. Applicable to places where fire protection is monitored and managed.

■ 执行标准 Executive standard

GB 3836.1、GB 3836.2、GB 3836.3、GB 12476.1、GB 12476.5、GB 19880、IEC 60079-0、IEC 60079-1、IEC 60079-7、IEC 61241-0、IEC 61241-1、EN 60079-0、EN 60079-1、EN 60079-7、EN 61241-0、EN 61241-1

■ 产品特点 Features

1. 壳体采用工程塑料模压成型，强度高、耐腐蚀、热稳定性好，外形美观、小巧。产品外观为红颜色，非常醒目。产品上有压制的永久性“Ex”防爆标志。
2. 产品为增安型外壳，内装防爆信号灯、防爆按钮等电器元件。
3. 本产品可重复使用，按下后拔出按钮即可复位。
4. 所有外露紧固件均采用不锈钢材质。
5. 钢管、电缆布线均可。

□ XN-防爆消防报警按钮
□ XN-Explosion-proof alarm button for fire protection

1. The shell is molded by engineering plastics with high strength, corrosion resistance, good thermal stability, beautiful appearance and small size. The appearance of the product is red and very eye-catching. There is a permanent "Ex" explosion-proof mark on the product.
2. The product is an increased safety type housing with built-in electrical components such as explosion-proof signal lights and explosion- proof buttons.
3. This product can be reused and can be reset by pressing the button after pressing it.
4. All exposed fasteners are made of stainless steel.
5. Steel pipes and cable wiring are available.

■ 主要技术参数 Main technical parameters

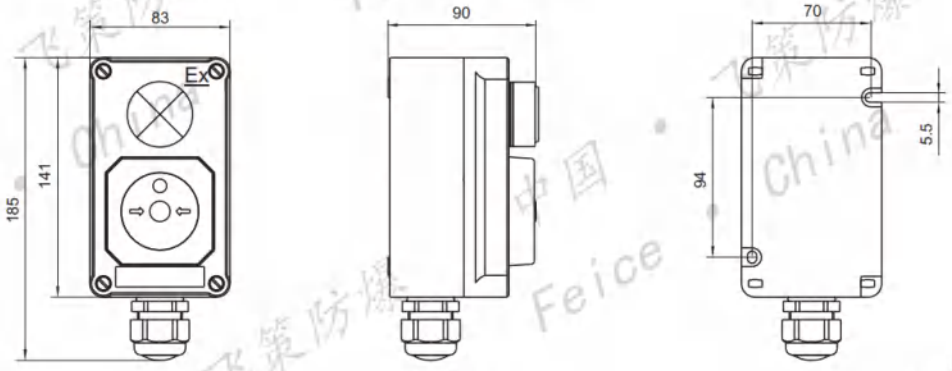
型号type	额定电压(V) Rated voltage	额定电流(A) Rated current	进线口螺纹 Inlet thread(G)	电缆外径 Cable outer dia. (mm)
□ XN-□	AC220V	6	G½ G¾	Φ6～Φ10 Φ9～Φ14
	AC380V	2		
	DC24V	6		
	DC48V	2.5		
	DC110V	1.6		
	DC220V	0.25		

触头型式 Type of contact	一常开一常闭 One on one off	二常闭 Two close	二常开 Two open
触头型式代号 Code of contact	O	P	Q

防爆标志 Ex mark	防护等级 Degree of protection	防腐等级 Erosion-proof class
Ex d e IIC T6 Gb Ex d e mb IIC T6 Gb Ex tD A21 IP66 T80℃	IP65 IP66*	WF1 WF2*

*. 要求需注明。 Requirements must be marked

■ 外形及安装尺寸 Outline & installation dimensions



□XN-2

■ 订货须知 Order note

1. 请根据“型号含义”，注明所需产品具体型号规格和数量；
2. 请注明防爆标志；
3. 当所需参数与选型不一致时请注明。

1. Please indicate the details of product model, size and quantity;
2. When the parameter is not same as model selection please note it;
3. Indicate your special requirements of you have.

FCDZ52-g系列防爆断路器
FCDZ52-g Series explosion-proof circuit breaker



型号含义 Model implication

FC DZ 52 - g □□□ / □ / □□ T □

- WF2-户外防强腐蚀(不要求不注) Serious erosion-proof outdoor (No marking without requirement)
- 特殊要求 Special requirement
- 出线口方向 Ways of outlet
  - D-上出线/螺纹规格(见P71~P76) Top outlet/thread specifications (see P71~P76)
  - X-下出线/螺纹规格(见P71~P76) Bottom outlet/thread specifications (see P71~P76)
- 进线口方向 Ways of inlet
  - D-上进线/螺纹规格(见P71~P76) Top inlet/thread specifications(see P71~P76)
  - X-下进线/螺纹规格(见P71~P76) Bottom inlet/thread specifications(see P71~P76)
- 极数 Nos. of poles
- 额定电流 Rated current
- L-漏电保护(不要求不注)Creepage protection (No marking without requirement)
- F-粉尘防爆(不要求不注) Dust explosion-proof (No marking without requirement)
- 不锈钢外壳 Stainless steel enclosure
- 设计序号 Design No.
- 断路器 Circuit breaker
- B-ⅡB类防爆 Class ⅡB explosion-proof
- C-ⅡC类防爆 Class ⅡC explosion-proof

适用范围 Applications

1. 广泛用于石油开采、炼油、化工、海洋石油平台、油轮等易燃易爆气体环境，也用于军工、港口、粮食储存、金属加工等可燃性粉尘场所；
2. 适用于爆炸性气体环境的1区、2区；
3. 适用于ⅡA、ⅡB、 ⅡC类爆炸性气体环境；
4. 适用于可燃性粉尘环境的21区、22区；
5. 适用于含有腐蚀性气体、潮湿、防护要求较高的场所；
6. 适用于温度组别为T1～T4；
7. 作为不频繁地接通和断开电路之用，并对所控制电路进行过载、短路等保护。

1. It is widely used in flammable and explosive gas environment such as oil exploitation, refining, chemical industry, offshore oil platform, oil tanker, etc. It is also used in flammable dust places such as military industry, port, grain storage and metal processing;
2. Applicable to Zone 1 and Zone 2 of explosive gas environment;
3. Applicable to IIA, IIB, IIC explosive gas environment;
4. Applicable to areas 21 and 22 of flammable dust environment;
5. Applicable to corrosive gases, moisture, and high protection requirements place;
6. Applicable to the temperature group is T1 ~ T4;
7. As infrequently turning on and off the circuit, and controlling the electricity The road is protected by overload, short circuit, etc.

FCDZ52-g系列防爆断路器
FCDZ52-g Series explosion-proof circuit breaker

FEICE 飞策

执行标准 Executive standard

GB 3836.1、GB 3836.2、GB 3836.3、GB 12476.1、GB 12476.5、IEC 60079-0、IEC 60079-1、IEC 60079-7、IEC 61241-0、IEC 61241-1、EN 60079-0、EN 60079-1、EN 60079-7、EN 61241-0、EN 61241-1

产品特点 Features

1. 外壳采用不锈钢制成，外形美观，具有耐腐蚀，耐冲击及热稳定性好等特点。
2. 隔爆型主腔，内装高分断小型断路器或塑壳断路器。箱体体积小，整齐、美观，占用安装现场空间较少；重量轻，安装、维护方便。
3. 盖板上设有专用操作机构，可实现全封闭操作，可根据要求加装挂锁，避免误操作。
4. 所有外露紧固件均采用不锈钢材质。
5. 电缆进出线方向，可根据用户要求做成上进上出、下进下出、上进下出、下进上出等多种形式。
6. 进出线口通常采用管螺纹，配置电缆夹紧密封装置；也可根据用户现场要求，制成公制螺纹、NPT螺纹等形式。
7. 钢管、电缆布线均可。

1. The outer casing is made of stainless steel, which has beautiful appearance, corrosion resistance, impact resistance and good thermal stability.
2. Flameproof main cavity with high-breaking miniature circuit breaker or molded case circuit breaker. The cabinet is small in size, neat and beautiful, and takes up less space on the installation site; it is light in weight and convenient to install and maintain.
3. There is a special operating mechanism on the cover plate to achieve full-close operation. Padlocks can be added according to requirements to avoid misuse.
4. All exposed fasteners are made of stainless steel.
5. Cable in and out of the line, according to user requirements can be made up and down, down and down, up and down, down and up and other forms.
6. The inlet and outlet ports are usually made of pipe threads, and the cable clamping and sealing device is arranged. It can also be made into metric thread, NPT thread, etc. according to the requirements of the user's site.
7. Steel pipes and cable wiring are available.

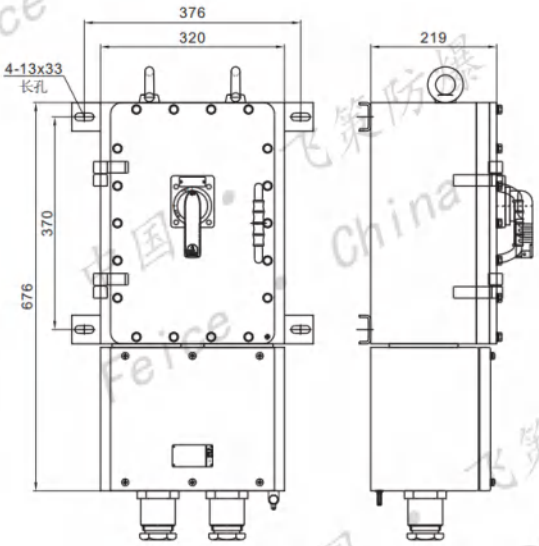
主要技术参数 Main technical parameters

型 号 Type	额定电压(V) Rated voltage	脱扣电流(A) Trip current	电缆外径(mm) Cable outer dia.	进线口螺纹(G) Inlet thread	备 注 Remark
FCDZ52-g63	380/220	1,3,6,10,16,20,25,32，40,50,63	Φ10～Φ23	G¾ ~G1¼	高分断小型断路器 High disjunction circuit breaker
FCDZ52-g100		63,100	Φ18～Φ38	G1½~G2	
FCDZ52-g100		10,16,20,32,40,63,80,100	Φ10～Φ38	G¾~G2	
FCDZ52-g225		100,125,160,180,200,225	Φ25～Φ56	G2~G3	塑壳断路器 Plastic case circuit breaker
FCDZ52-g400		225,250,315,350,400	Φ40～Φ80	G3~G4	

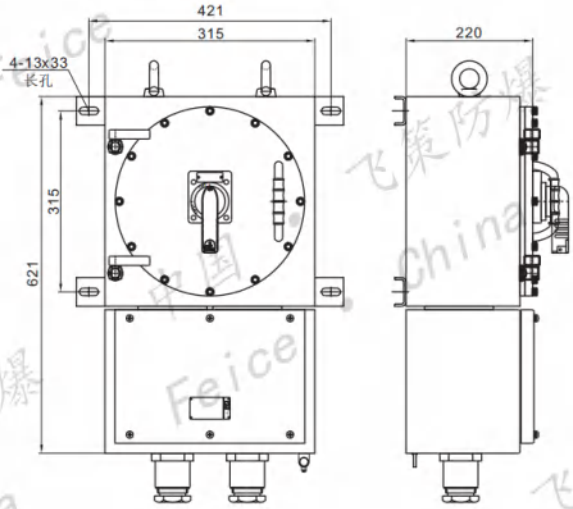
防爆标志 Ex-mark	防护等级 Degree of protection	防腐等级 Erosion-proof class
Ex d Ⅱ B T6/T5/T4 Gb Ex d e Ⅱ B T6/T5/T4 Gb Ex d e Ⅱ C T6/T5/T4 Gb Ex tD A21 IP66 80℃	IP65, IP66*	WF2

*. 要求IP66，需注明。 IP66 Requirements must be marked

外形及安装尺寸 Outline & installation dimensions



IIB级 250A及以下塑壳断路器
Class IIB 250A and below molded case circuit breaker



IIC级 250A及以下塑壳断路器
Class IIC 250A and below molded case circuit breaker

订货须知 Order note

1. 按照型号含义中的规则逐条进行选择，并在型号含义后增加防爆标志。
2. 如用户有特殊需求，需在订购时详细指明。

1. Accord with the model implication's rules to select regularly, and Ex-mark should be added behind model implication;
2. If there are some special requirements, it should be pointed as ordering.

BF$_2$8159-g系列防爆防腐断路器
BF$_2$8159-g Series explosion & corrosion-proof circuit breaker



■ 型号含义 Model implication

BF$_2$ 8159- g □□□/□/□□T□

- WF2-户外防强腐蚀(不要求不注) Serious erosion-proof outdoor (No marking without requirement)
- 特殊要求 Special requirement
- 出线口方向 Ways of outlet
  - D-上出线/螺纹规格(见P71~P76) D- Top outlet/thread specifications(see P71~P76)
  - X-下出线/螺纹规格(见P71~P76) X- Bottom outlet/thread specifications(see P71~P76)
- 进线口方向 Way of inlet
  - D-上进线/螺纹规格(见P71~P76) D- Top inlet/thread specifications(see P71~P76)
  - X-下进线/螺纹规格(见P71~P76) X- Bottom inlet/thread specifications(see P71~P76)
- 极数 Nos. of pole
  - 2-2P
  - 3-3P
  - 3N-3P+N
  - 4-4P
- 额定电流 Rated current
- L-漏电(不带不注) leakage (No marking if without)
- F-粉尘防爆(不要求不注) Dust explosion-proof (No marking without requirement)
- 不锈钢外壳Stainless steel enclosure
- 设计序号 Design No.
- 防爆防强腐蚀 Explosion-proof and serious erosion-proof

■ 适用范围 Applications

1. 广泛用于石油开采、炼油、化工、海洋石油平台、油轮等易燃易爆气体环境，也用于军工、港口、粮食储存、金属加工等可燃性粉尘场所；
2. 适用于爆炸性气体环境的1区、2区；
3. 适用于ⅡA、ⅡB、 ⅡC类爆炸性气体环境；
4. 适用于可燃性粉尘环境的21区、22区；
5. 适用于含有腐蚀性气体、潮湿、防护要求较高的场所；
6. 适用于温度组别为T1～T4；
7. 作为不频繁地接通和断开电路之用，并对所控制电路进行过载、短路等保护。

1. It is widely used in flammable and explosive gas environment such as oil exploitation, refining, chemical industry, offshore oil platform, oil tanker, etc. It is also used in flammable dust places such as military industry, port, grain storage and metal processing;
2. Applicable to Zone 1 and Zone 2 of explosive gas environment;
3. Applicable to IIA, IIB, IIC explosive gas environment;
4. Applicable to areas 21 and 22 of flammable dust environment;
5. Applicable to corrosive gases, moisture, and high protection requirements place;
6. Applicable to the temperature group is T1 ~ T4;
7. As infrequently turning on and off the circuit, and controlling the electricity The road is protected by overload, short circuit, etc.

BF₂8159-g系列防爆防腐断路器
BF₂8159-g Series explosion & corrosion-proof circuit breaker

执行标准 Executive standard

GB 3836.1、GB 3836.2、GB 3836.3、GB 12476.1、GB 12476.5、IEC 60079-0、IEC 60079-1、IEC 60079-7、IEC 61241-0、IEC 61241-1、EN 60079-0、EN 60079-1、EN 60079-7、EN 61241-0、EN 61241-1

产品特点 Features

1. 外壳采用不锈钢制成，外形美观，具有耐腐蚀，耐冲击及热稳定性好等特点。
2. 增安型外壳结构，内装防爆断路器模块。箱体体积小，整齐、美观，占用安装现场空间较少；重量轻，安装、维护方便。
3. 盖板上设有专用操作机构，可实现全封闭操作，可根据要求加装挂锁，避免误操作。
4. 所有外露紧固件均采用不锈钢材质。
5. 电缆进出线方向，可根据用户要求做成上进上出、下进下出、上进下出、下进上出等多种形式。
6. 进出线口通常采用管螺纹，配置电缆夹紧密封装置；也可根据用户现场要求，制成公制螺纹、NPT螺纹等形式。
7. 钢管、电缆布线均可。

1. The outer casing is made of stainless steel, which has beautiful appearance, corrosion resistance, impact resistance and good thermal stability.
2. Increased safety enclosure structure with built-in explosion-proof circuit breaker module. The cabinet is small in size, neat and beautiful, and takes up less space on the installation site; it is light in weight and convenient to install and maintain.
3. There is a special operating mechanism on the cover plate to achieve full-close operation. Padlocks can be added according to requirements to avoid misuse.
4. All exposed fasteners are made of stainless steel.
5. Cable in and out of the line, according to user requirements can be made up and down, down and down, up and down, down and up and other forms.
6. The inlet and outlet ports are usually made of pipe threads, and the cable clamping and sealing device is arranged. It can also be made into metric thread, NPT thread, etc. according to the requirements of the user's site.
7. Steel pipes and cable wiring are available.

主要技术参数 Main technical parameters

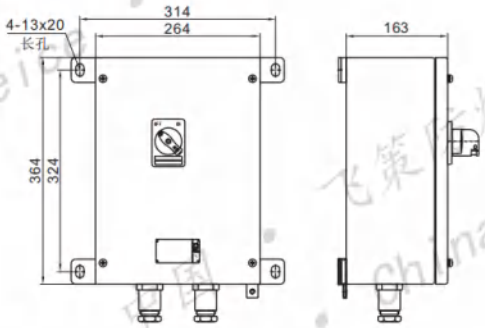
额定电流 Rated current (A)	额定电压 Rated voltage (V)	极数 Nos. of poles	进出线口螺纹 Inlet /outlet thread	电缆外径(mm) Cable outer dia.
1, 2, 4, 6, 10, 16, 40, 50, 63, 80, 100, 125, 160, 180, 200, 225, 250	~220 ~380	2P, 3P, 3P+N,4P	G ½~G3 M16~M63	见seeP71~P76

防爆标志 Ex-mark	防护等级 Degree of protection	防腐等级 Erosion-proof class
Ex d eIIC T4 Gb Ex d eIIC T5 Gb Ex d eIIC T6 Gb Ex tD A21 IP66 80℃	IP65,IP66*	WF2

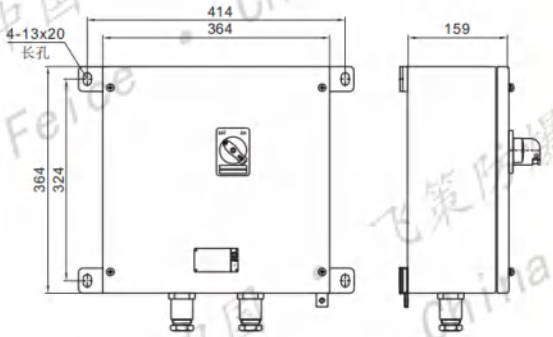
*. 要求IP66，需注明。 IP66 requirements must be marked

注：元件参数见P210~P219页。 Note: please See P210~P219 for parameter of the component .

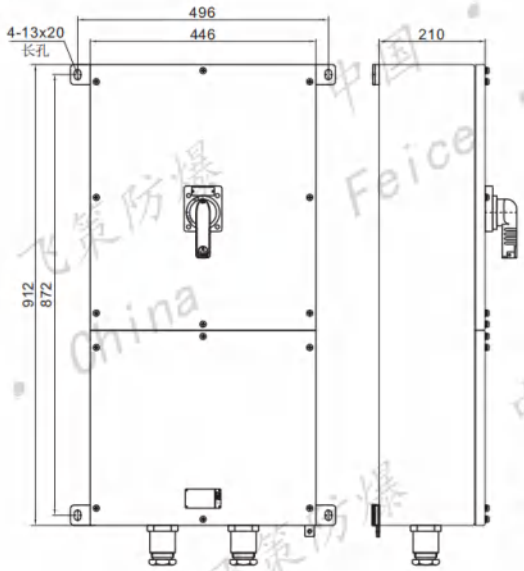
外形及安装尺寸 Outline & installation dimensions



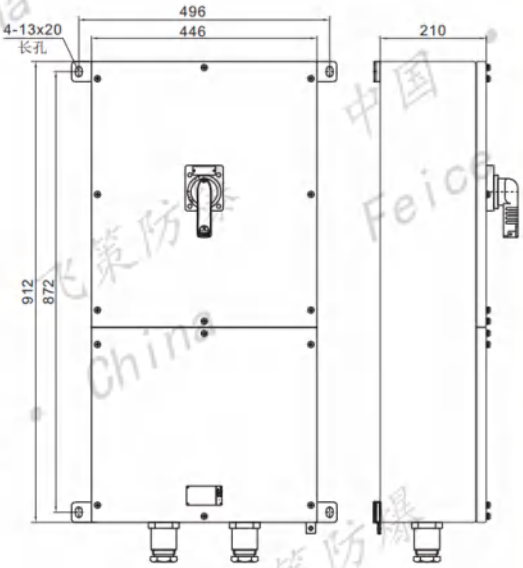
63A及以下小型断路器2P/3P/2PL/3PL/4PL
不配接线端子
Miniature circuit breakers of 63A and below 2P/3P/2PL/3PL/4PL
No mating terminal



63A及以下小型断路器 2P/3P/2PL/3PL/4PL
配接线端子
Miniature circuit breakers of 63A and below 2P/3P/2PL/3PL/4PL
Distribution terminal



250A及以下塑壳断路器3P/4P
配接线端子
250A and below molded case circuit breaker 3P/4P
Distribution terminal



NSX250A及以下4P塑壳漏电断路器
配接线端子
NSX250A and below 4P molded case leakage circuit breaker
Distribution terminal

订货须知 Order note

1. 按照型号含义中的规则逐条进行选择，并在型号含义后增加防爆标志。
2. 如用户有特殊需求，需在订购时详细指明。
1. Accord with the model implication's rules to select regularly, and Ex-mark should be added behind model implication;
2. If there are some special requirements, it should be pointed as ordering.

FCDZ52-系列防爆断路器
FCDZ52-Series explosion-proof circuit breaker



型号含义 Model implication

FC DZ 52 □ - □ □ / □ / □ □ T □

- WF1-户外防中等腐蚀(不带不注)
  WF1- Outdoor middle erosion-proof(No marking if without)
- 特殊要求 Special requirement
- 出线口方向 Ways of outlet
  - D-上出线/数量/螺纹规格(单口不注)
    Top outlet/number/thread(No marking for single)
  - X-下出线/数量/螺纹规格(单口不注)
    Bottom outlet/number/thread(No marking for single)
- 进线口方向 Ways of inlet
  - D-上进线/数量/螺纹规格(单口不注)
    Top inlet/tnumber/thread(No marking for single)
  - X-下进线/数量/螺纹规格(单口不注)
    Bottom inlet/number/thread (No marking for single)
- 极数 Nos. of poles
- 额定电流 Rated current
- L-漏电保护(不要求不注)
  Leakage protection (No marking without requirement)
- F-粉尘防爆(不要求不注)
  Dust explosion-proof(No marking without requirement)
- 设计序号 Design No.
- 断路器 Circuit breaker
- 飞策 Feice

适用范围 Applications

1. 广泛用于石油开采、炼油、化工、海洋石油平台、油轮等易燃易爆气体环境，也用于军工、港口、粮食储存、金属加工等可燃性粉尘场所；
2. 适用于爆炸性气体环境的1区、2区；
3. 适用于ⅡA、ⅡB、 ⅡC类爆炸性气体环境；
4. 适用于可燃性粉尘环境的21区、22区；
5. 适用于温度组别为T1～T4/T5/T6；
6. 作为不频繁地接通和断开电路之用，并对所控制电路进行过载、短路等保护。

1. It is widely used in flammable and explosive gas environment such as oil exploitation, refining, chemical industry, offshore oil platform, oil tanker, etc. It is also used in flammable dust places such as military industry, port, grain storage and metal processing;
2. Applicable to Zone 1 and Zone 2 of explosive gas environment;
3. Applicable to IIA, IIB, IIC explosive gas environment;
4. Applicable to areas 21 and 22 of flammable dust environment;
5. Applicable to the temperature group is T1 ~ T4 / T5 / T6;
6. As a function of turning the circuit on and off infrequently, and controlling the electricity The road is protected by overload, short circuit, etc.

执行标准 Executive standard

GB 3836.1、GB 3836.2、GB 3836.3、GB 12476.1、GB 12476.5、IEC 60079-0、IEC 60079-1、IEC 60079-7、IEC 61241-0、IEC 61241-1、EN 60079-0、EN 60079-1、EN 60079-7、EN 61241-0、EN 61241-1

FCDZ52-系列防爆断路
FCDZ52-Series explosion-proof circuit breaker

FEICE 飞策

■ 产品特点 Features

1. 产品为隔爆增安复合型结构。元件腔采用隔爆型结构，进、出线腔采用增安型防爆结构。各腔体之间采用模块式组合，体积小，整齐、美观，占用安装现场空间较少，安装、维护方便；
2. 外壳材质为铸铝合金ZL102，采用一次压铸成型工艺，表面光滑，外形美观，内部组织致密度高，抗冲击性能强，产品外壳防爆性能好，产品上有压制的永久性“Ex”防爆标志；
3. 产品表面通过工业机器人去除毛刺和高速抛丸后，采用先进的全自动高压静电喷塑、热固化流水线工艺，壳体表面形成的塑层附着力强，防腐能力好；
4. 产品内装高分断小型断路器(≤100A)或低压塑壳断路器(100A~250A)具有过载、短路保护功能，也可根据用户要求加装漏电保护装置；
5. 密封条采用双组份聚氨酯一次线浇发泡成型工艺，具备高防护性能；
6. 所有外露紧固件均采用不锈钢材质；
7. 电缆进出线方向，可根据用户要求做成上进上出、下进下出、上进下出、下进上出等多种形式；
8. 进出线口通常采用管螺纹，配置电缆夹紧密封装置；也可根据用户现场要求，制成公制螺纹、NPT螺纹等形式；
9. 钢管、电缆布线均可；
10. 断路器安装方式为挂式。

1. The product is a flameproof and increased safety composite structure. The component cavity adopts an explosion-proof structure, and the inlet and outlet chambers adopt an increased safety explosion-proof structure. The modular combination between each cavity is small, tidy and beautiful, occupying less space on the installation site, and convenient for installation and maintenance.
2. The shell material is cast aluminum alloy ZL102. It adopts one-time die-casting process, the surface is smooth, the appearance is beautiful, the internal structure is high density, the impact resistance is strong, the product shell has good explosion-proof performance and the product has permanent permanent “Ex” explosion-proof. Sign.
3. After removing burrs and high-speed shot blasting by industrial robots, the advanced automatic high-pressure electrostatic spray and heat-curing line technology is adopted, and the plastic layer formed on the surface of the shell has strong adhesion and good anti-corrosion ability.
4. The product is equipped with high-breaking miniature circuit breaker (≤100A) or low-voltage molded case circuit breaker (100A~250A), which has overload and short-circuit protection functions. It can also be equipped with leakage protection device according to user requirements.
5. The sealing strip adopts two-component polyurethane primary casting foaming process with high protection performance.
6. All exposed fasteners are made of stainless steel.
7. Cable in and out of the line, according to user requirements can be made up and down, down and down, up and down, down and up and other forms.
8. The inlet and outlet ports usually adopt pipe threads and are equipped with cable clamping and sealing devices. They can also be made into metric threads and NPT threads according to the requirements of the user's site.
9. Steel pipes and cable wiring are available.
10. The circuit breaker installation method is hanging type.

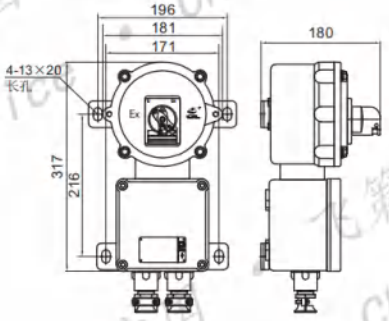
■ 主要技术参数 Main technical parameters

型 号 Type	额定电压(V) Rated voltage	脱扣电流(A) Trip current	电缆外径(mm) Cable outer dia.	进线口螺纹(G) Inlet thread	备 注 Remark
FCDZ52-32	380/220	1,3,6,10,16,20,25,32	Φ10～Φ18	G¾,G1	高分断小型断路器 high disjunction mini breaker
FCDZ52-63		40,50,63	Φ15～Φ23	G1¼	
FCDZ52-100		50,63,100	Φ18～Φ37	G1½，G2	
FCDZ52-100		10,16,20,32,40,63,80,100	Φ10～Φ37	G¾ ~G2	塑壳断路器 Plastic case circuit breaker
FCDZ52-225		100,125,160,180,200,225	Φ25～Φ56	G2~G3	
FCDZ52-400		225,250,315,350,400	Φ42～Φ80	G3~G4	
FCDZ52-630		400,500,630	Φ42～Φ80	G3~G4	

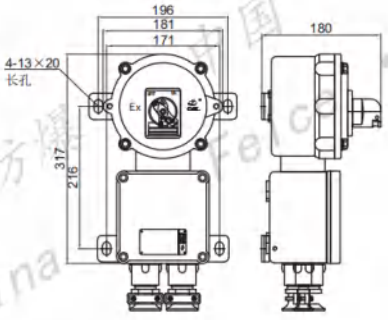
防爆标志 Ex-mark	防护等级 Degree of protection	防腐等级 Erosion-proof class
Ex dⅡB T6/T5/T4 Gb Ex d eⅡC T6/T5/T4 Gb Ex d eⅡB T6/T5/T4 Gb Ex tD A21 IP66 T80℃	IP65, IP66*	WF1

*. 要求IP66，需注明。 IP66 Requirements must be marked

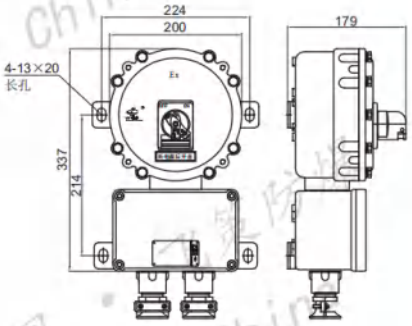
■ 外形及安装尺寸 Outline & installation dimensions



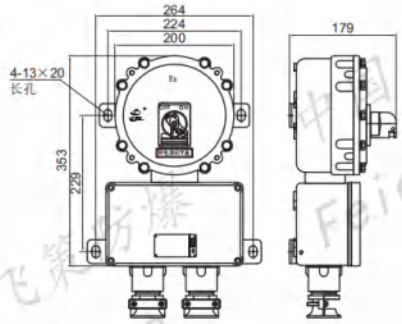
FCDZ52-10XX(IIB/IIC)(1~10A)
FCDZ52-20DD(IIB/IIC)(1~20A)



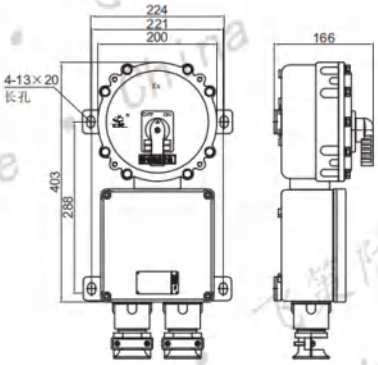
FCDZ52-32XX(IIB/IIC)(25A,32A)
FCDZ52-32DD(IIB/IIC)(25A,32A



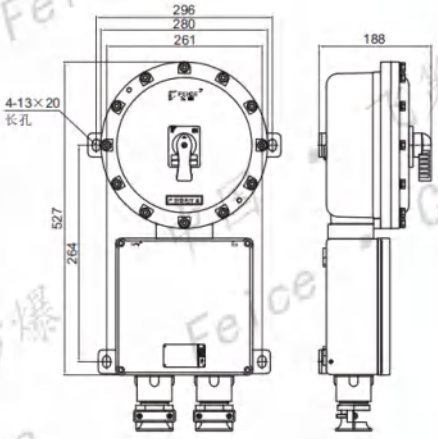
FCDZ52-40XX(IIB/IIC)(40A)
FCDZ52-40DD(IIB/IIC)(40A



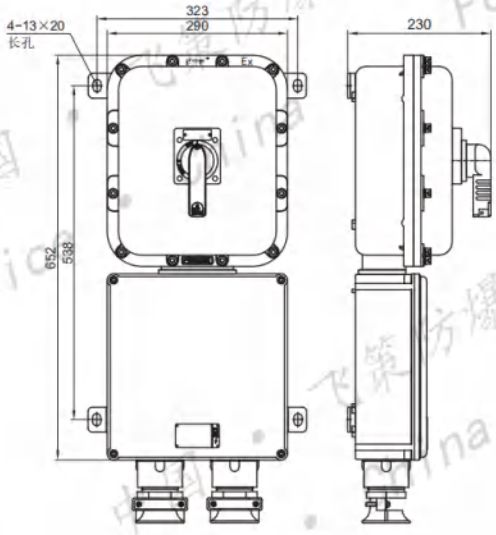
FCDZ52-63XX(IIB/IIC)(50A,63A)
FCDZ52-63DD(IIB/IIC)(50A,63A)



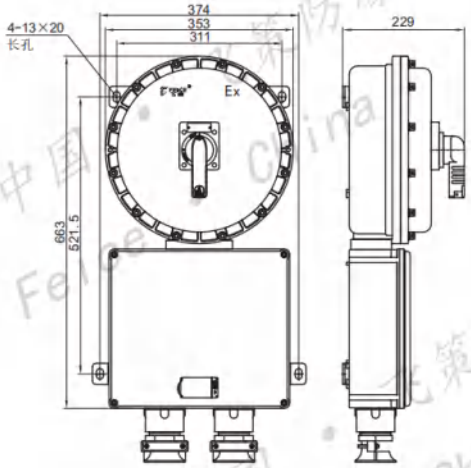
FCDZ52-100/3PXX(IIB/IIC)(80A,100A)
FCDZ52-100/3PDD(IIB/IIC)(80A,100A)



FCDZ52-100/4PXX(IIB/IIC)(80A,100A)
FCDZ52-100/4PDD(IIB/IIC)(80A,100A)

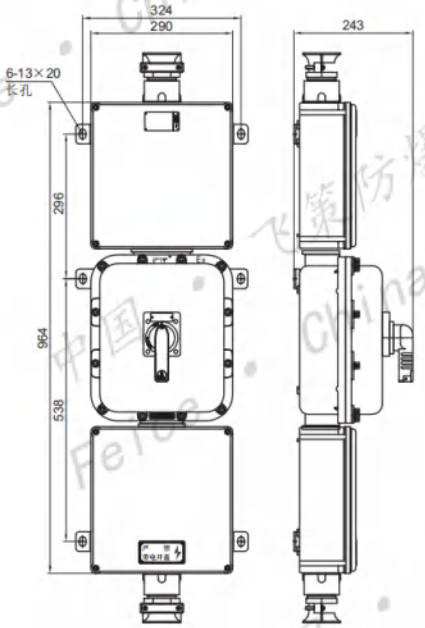


FCDZ52-160XX(IIB)
FCDZ52-160DD(IIB)

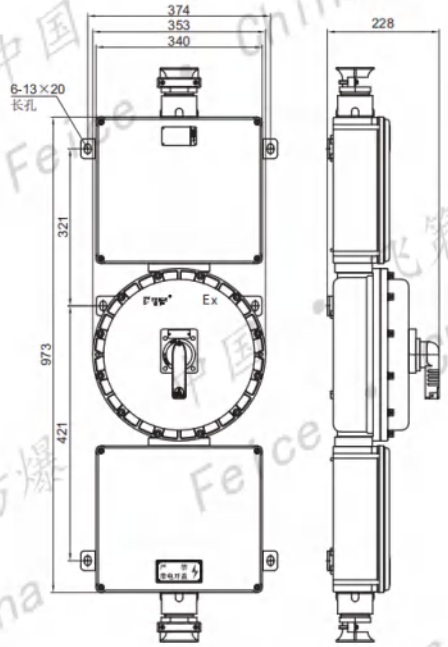


FCDZ52-160XX(IIC)
FCDZ52-160DD(IIC)

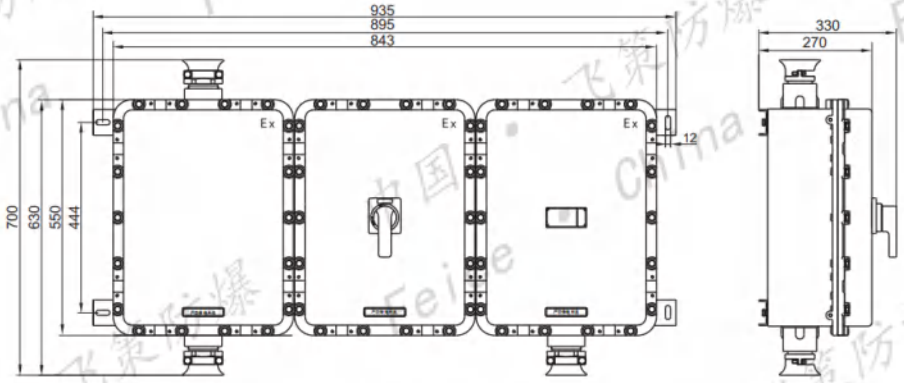
防爆断路器开关类



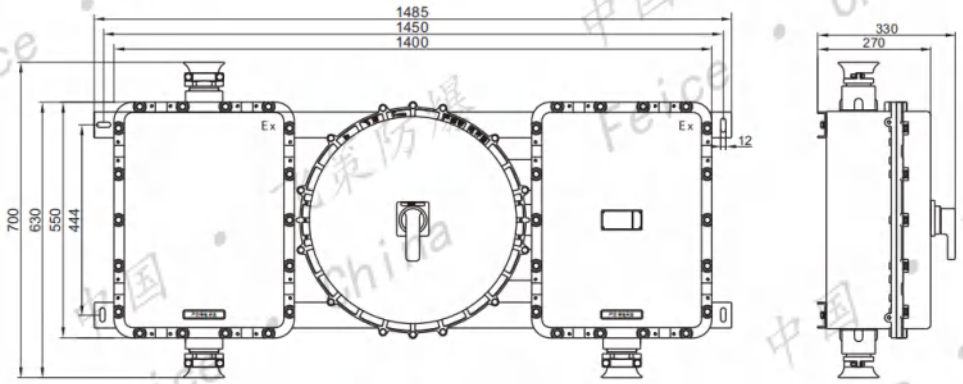
FCDZ52-250XD(IIB)
FCDZ52-250DX(IIB)



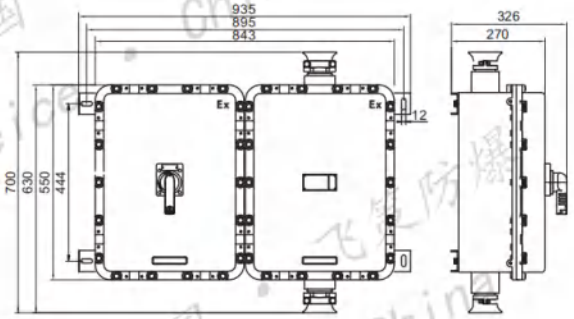
FCDZ52-250XD(IIC)
FCDZ52-250DX(IIC)



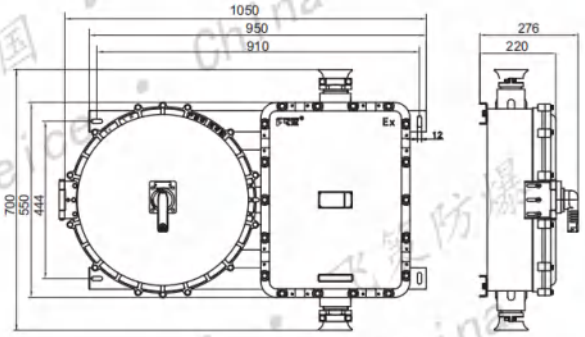
FCDZ52-350XX(ⅡB)
FCDZ52-350XD(ⅡB)



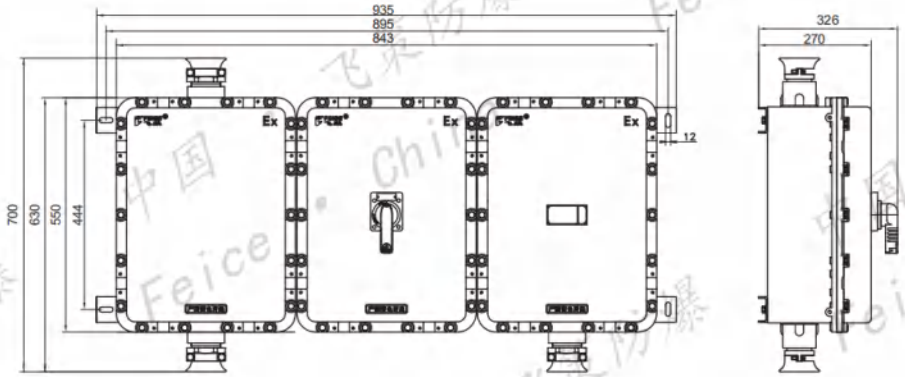
FCDZ52-350XX(ⅡB/ⅡC)
FCDZ52-350XD(ⅡB/ⅡC)



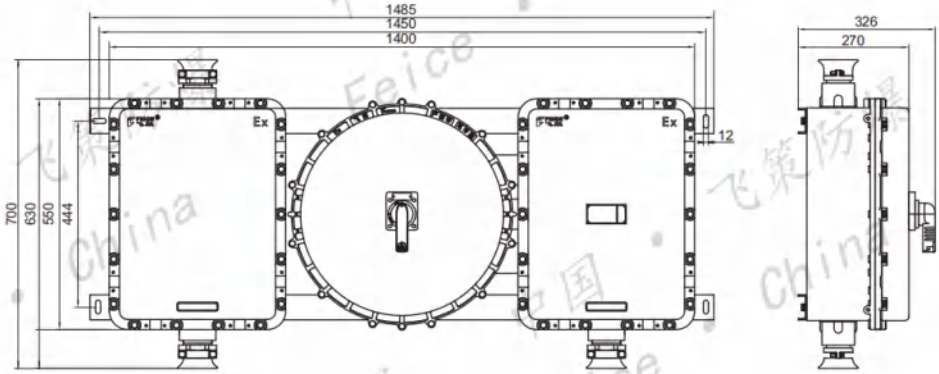
FCDZ52-400XX(IIB)
FCDZ52-400DD(IIB)
FCDZ52-400XD(IIB)
FCDZ52-400DX(IIB)



FCDZ52-400XX(IIB/IIC)
FCDZ52-400DD(IIB/IIC)
FCDZ52-400XD(IIB/IIC)
FCDZ52-400DX(IIB/IIC)



FCDZ52-630XX(IIB)
FCDZ52-630DD(IIB)
FCDZ52-630XD(IIB)
FCDZ52-630DX(IIB)



FCDZ52-630XX(IIB/IIC)
FCDZ52-630DD(IIB/IIC)
FCDZ52-630XD(IIB/IIC)
FCDZ52-630DX(IIB/IIC)

■ 订货须知 Order note

1. 按照型号含义中的规则逐条进行选择，并在型号含义后增加防爆标志。
2. 如用户有特殊需求，需在订购时详细指明。
1. Accord with the model implication's rules to select regularly, and Ex-mark should be added behind model implication;
2. If there are some special requirements, it should be pointed as ordering.

□ DG58-□ DQ系列防爆动力配电箱(电磁起动)

□ DG58-□ DQ Series explosion-proof power distribution box (electromagnetic start)



■ 型号含义 Model implication

□DG58-□□/□DQ□K□□□□□T□

- B-ⅡB类防爆 Class ⅡB explosion-proof
- C-ⅡC类防爆 Class ⅡC explosion-proof
- 动力 Power
- 柜(箱)类 Case type
- 设计序号 Design No.
- F-粉尘防爆(不要求不注) Dust explosion-proof (No marking without requirement)
- 支路数 Nos.of branches
- 支路电流 Current of circuit
- 断路器 Circuit breaker
- 电磁起动 Electromagnetic start
- WF1-户外防中等腐蚀(不带不注) WF1- Outdoor medium erosion-proof (No marking if without)
- 特殊要求 Special requirement
- 出线口数量/螺纹 Outlet number/thread
- 出线口方向 Ways of outlet: D-上出线 Top outlet; X-下出线 Bottom outlet
- 进线口数量/螺纹 (单口不注) Inlet number/thread(No marking for single)
- 进线口方向 Ways of inlet: D-上进线 Top inlet; X-下进线 Bottom inlet
- 总开关电流 Master switch current
- 带总开关(不带不注) K-With master switch(No marking if without)
- Y-远控 Remote control
- P-箱面控制 Panel control
- YP-两地控制 Remote and panel control

■ 适用范围 Applications

1. 广泛用于石油开采、炼油、化工、海洋石油平台、油轮等易燃易爆气体环境，也用于军工、港口、粮食储存、金属加工等可燃性粉尘场所；
2. 适用于爆炸性气体环境的1区、2区；
3. 适用于ⅡA、ⅡB、 ⅡC类爆炸性气体环境；
4. 适用于可燃性粉尘环境的21区、22区；
5. 适用于温度组别为T1～T4/T5/T6；
6. 对所控制的电路进行过载、短路保护并作为负荷降压起动及控制电机起动、停止、正反转等，还可为仪表配出电源。

1. It is widely used in flammable and explosive gas environment such as oil exploitation, refining, chemical industry, offshore oil platform, oil tanker, etc. It is also used in flammable dust places such as military industry, port, grain storage and metal processing;
2. Applicable to Zone 1 and Zone 2 of explosive gas environment;
3. Applicable to IIA, IIB, IIC explosive gas environment;
4. Applicable to areas 21 and 22 of flammable dust environment;
5. Applicable to the temperature group is T1 ~ T4 / T5 / T6;
6. Overload and short circuit protection of the controlled circuit and start and stop the motor as a load, control the start, stop, forward and reverse of the motor, etc., and also supply power to the meter.

■ 执行标准 Executive standard

GB 3836.1、GB 3836.2、GB 3836.3、GB 12476.1、GB 12476.5、IEC 60079-0、IEC 60079-1、IEC 60079-7、IEC 61241-0、IEC 61241-1、EN 60079-0、EN 60079-1、EN 60079-7、EN 61241-0、EN 61241-1

□ DG58-□ DQ系列防爆动力配电箱(电磁起动)

□ DG58-□ DQ Series explosion-proof power distribution box (electromagnetic start)

■ 产品特点 Features

1. 产品外壳为铸铝合金ZL102。采用一次压铸成型工艺，表面光滑，外形美观，内部组织致密度高，抗冲击性能强，产品上有压制的永久性“Ex”防爆标志。
2. 产品表面通过工业机器人去除毛刺和高速抛丸后，采用先进的全自动高压静电喷塑、热固化流水线工艺，壳体表面形成的塑层附着力强，产品防腐能力好。
3. 密封条采用双组份聚氨酯一次线浇发泡成型工艺，具备高防护性能。
4. 不锈钢外露紧固件；
5. 操作机构灵活、可靠；
6. 内装交流接触器、断路器、热继电器等元件可根据用户要求选配；
7. 具有过载、短路、失压保护功能；
8. 可用于控制多台电动机，各个支路均配断路器保护，还可为照明或仪表配出电源。

1. The outer casing of the product is cast aluminum alloy ZL102. Adopting a one-time die-casting process, the surface is smooth, the appearance is beautiful, the internal structure is dense, the impact resistance is strong, and the product has a permanent “Ex” explosion-proof mark.
2. After the surface of the product is deburred by industrial robots and high-speed shot blasting, the advanced automatic high-pressure electrostatic spray and heat-curing line technology is adopted. The plastic layer formed on the surface of the shell has strong adhesion and good anti-corrosion ability.
3. The sealing strip adopts two-component polyurethane primary casting foaming process, which has high protection performance.
4. Stainless steel exposed fasteners;
5. The operating mechanism is flexible and reliable;
6. Built-in AC contactors, circuit breakers, thermal relays and other components can be selected according to user requirements;
7. With overload, short circuit, voltage loss protection;
8. Can be used to control multiple motors, each branch is equipped with circuit breaker protection, and can also be equipped with power for lighting or instrumentation.

■ 主要技术参数 Main technical parameters

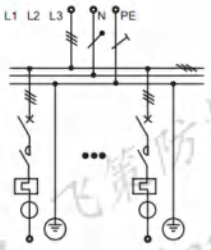
回路数 Nos. of circuits	额定电压 Rated voltage(V)	进线口螺纹 Inlet thread (G)	出线口螺纹 Outlet thread (G)	进线电缆外径 Inlet cable outer dia(mm)	出线电缆外径 Outlet cable outer dia.(mm)
2,4,6,8,10,12	380	G1～G3	G½～G2	Φ14～Φ56	Φ8～Φ38

防爆标志 Ex-mark	防护等级 Degree of protection	防腐等级 Erosion-proof class
Ex d eⅡB T6/T5/T4 Gb Ex d eⅡC T6/T5/T4 Gb Ex tD A21 IP66 T80℃	IP65,IP66*	WF1 WF2*

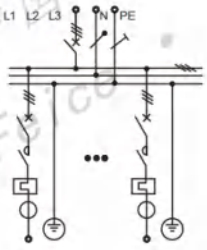
*. 要求需注明。requirements must be marked

额定电流 Rated current (A) / 内可装元件 Built-in components	Ie≤20	20≤Ie≤40	40≤Ie≤63	63≤Ie≤100	100≤Ie≤200
	元件代号 Code of component				
断路器 circuit breaker	C65N、DZ47			C120	CM1-225、NSX-250
交流接触器 AC contactor	B、LC1系列 series	CJX2、3TB、3TF、B、LC1系列 series			
热继电器 thermal relay	JR36、LRD、T系列 series	JR36系列 series、3UA系列 series、T系列 series、LRD系列 series			

■ 电气原理图及外形及安装尺寸 Electrical diagram and Outlines & iInstallation dimensions

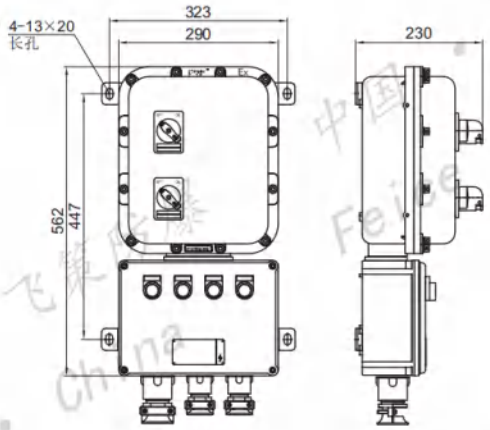


□ DG58-□ DQ□ □

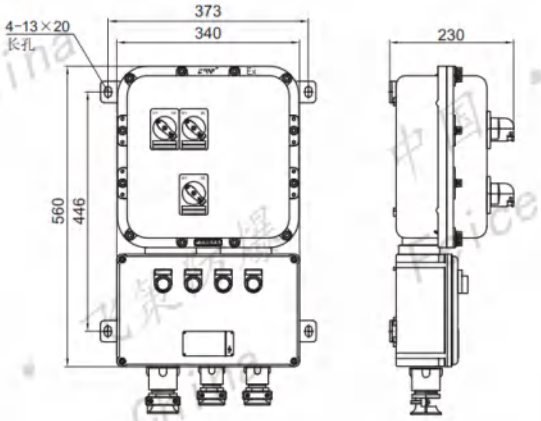


□ DG58-□ DQ□ □ K□

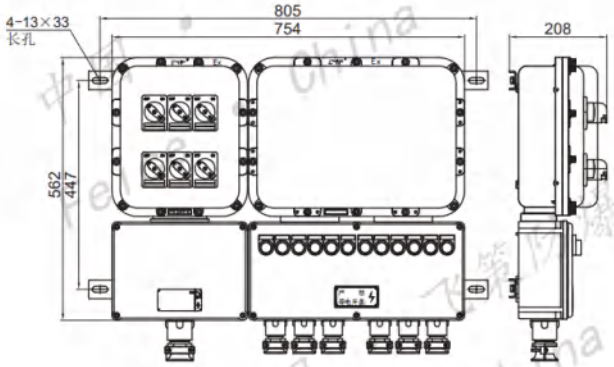
■ 外型及安装尺寸 Outline & installation dimensions



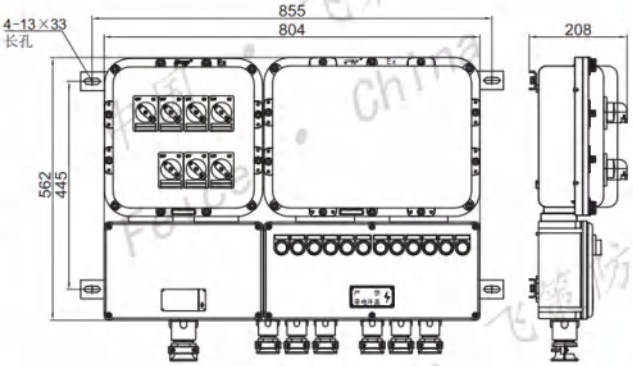
2回路不带总开关下进下出(IIB,32A及以下)
2 loops without main switch down and down (IIB, 32A and below)



2回路带总开关下进下出(IIB,32A及以下)
2 loops with main switch down and down (IIB, 32A and below)



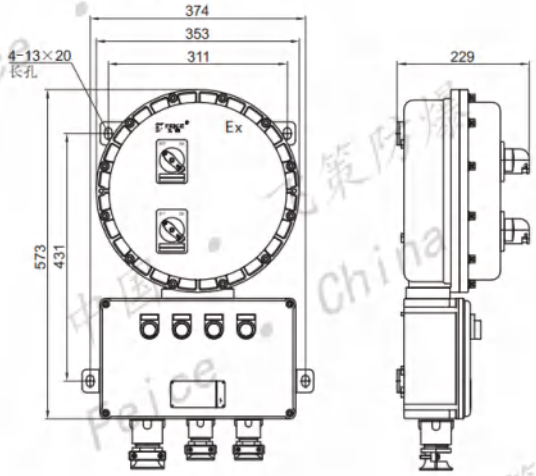
6回路不带总开关下进下出(IIB,32A及以下)
6 loops without main switch down and down (IIB, 32A and below)



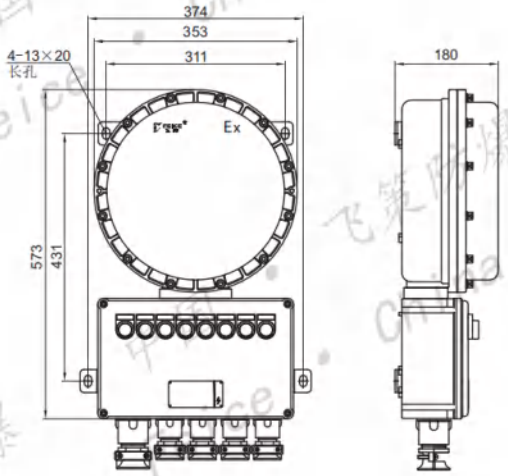
6回路带总开关下进下出(IIB,32A及以下)
6 loops with main switch down and down (IIB, 32A and below)

□ DG58-□ DQ系列防爆动力配电箱(电磁起动)

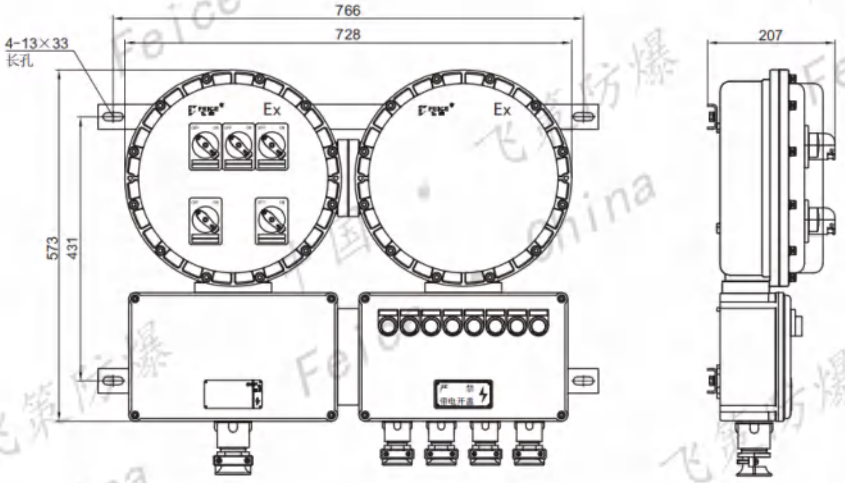
□ DG58-□ DQ Series explosion-proof power distribution box (electromagnetic start)



2回路不带总开关下进下出(IIC,32A及以下)
2 loops without main switch down and down (IIC, 32A and below)



4回路不带开关下进下出(IIC,32A及以下)
4 loops without switch down and down (IIC, 32A and below)



4回路带总开关下进下出(IIC,32A及以下)
4 loops with main switch down and down (IIC, 32A and below)

■ 订货须知 Order note

1. 请根据“型号含义”，注明所需产品具体型号规格和数量；
2. 请注明防爆标志；
3. 当所需参数与选型不一致时请注明。

1. Please indicate the details of product model, size and quantity according to model implication;
2. Please indicate Ex-mark;
3. Please note if your parameters are not same as model selection.

BQC53-系列防爆电磁起动器
BQC53-Series explosion-proof electromagnetic starter



■ 型号含义 Model implication

BQC 53 - □/□ K □□□NYT□

- 防爆起动器 Explosion-proof starter
- 电磁 Electromagnetic
- 设计序号 Design No.
- 额定电流 Rated current
- 整定电流 Setting current
- 带总开关(不带不注) With master swith(No marking if without)
- 总开关电流 master switch current
- WF1-户外防中等腐蚀(不带不注) WF1- Outdoor middle erosion-proof (No marking if without)
- 特殊要求 Special requirement
- 远控(不带不注) Remote control(No marking if without)
- 可逆(不要求不注) Reversible (No marking without requirement)
- Z-自复位开关 Self reset switch
- A-按钮(可不注) Button(No marking)
- B-ⅡB类防爆(可不注) ClassⅡB explsoion-proof(No marking)
- C-ⅡC类防爆 ClassⅡC explosion-proof
- F-粉尘防爆 Dust explosion-proof

■ 适用范围 Applications

1. 广泛用于石油开采、炼油、化工、海洋石油平台、油轮等易燃易爆气体环境，也用于军工、港口、粮食储存、金属加工等可燃性粉尘场所；
2. 适用于爆炸性气体环境的1区、2区；
3. 适用于ⅡA、ⅡB、 ⅡC类爆炸性气体环境；
4. 适用于可燃性粉尘环境的21区、22区；
5. 适用于温度组别为T1～T4/T5/T6；
6. 用于远距离或直接控制三相鼠笼型电动机的起动、停止及正反转，并可对电机过载、欠压、短路、断相进行保护。安装时还应有前级配电和保护。

1. It is widely used in flammable and explosive gas environment such as oil exploitation, refining, chemical industry, offshore oil platform, oil tanker, etc. It is also used in flammable dust places such as military industry, port, grain storage and metal processing;
2. Applicable to Zone 1 and Zone 2 of explosive gas environment;
3. Applicable to IIA, IIB, IIC explosive gas environment;
4. Applicable to areas 21 and 22 of flammable dust environment;
5. Applicable to the temperature group is T1 ~ T4 / T5 / T6;
6. It can be used for remote start or direct control of start, stop and forward and reverse of three-phase squirrel cage motor, and can protect motor overload, under voltage, short circuit and phase failure. There should also be pre-level power distribution and protection during installation.

BQC53-系列防爆电磁起动器
BQC53-Series explosion-proof electromagnetic starter

■ 执行标准 Executive standard

GB 3836.1、GB 3836.2、GB 3836.3、GB 12476.1、GB 12476.5、IEC 60079-0、IEC 60079-1、IEC 60079-7、IEC 61241-0、IEC 61241-1、EN 60079-0、EN 60079-1、EN 60079-7、EN 61241-0、EN 61241-1

■ 产品特点 Features

1. 外壳为铸铝合金ZL102。采用一次压铸成型工艺，表面光滑，外形美观，内部组织致密度高， 抗冲击性能强产品外壳防爆性能好，产品上有压制的永久性“Ex”防爆标志。
2. 产品表面通过工业机器人去除毛刺和高速抛丸后，采用先进的全自动高压静电喷塑、热固化流水线工艺，壳体表面形成的塑层附着力强，产品防腐能力好。
3. 元件腔采用隔爆型结构，进、出线腔采用增安型结构。各腔体之间采用模块式组合，体积小，整齐、美观，占用安装现场空间较少；安装、维护方便。
4. 隔爆腔内装交流接触器，热继电器等元件，增安腔内装接线端子、防爆起停按钮等元件。
5. 密封条采用双组份聚氨酯一次线浇发泡成型工艺，具备高防护性能。
6. 所有外露紧固件均采用不锈钢材质。
7. 进出线口通常采用管螺纹，配置电缆夹紧密封装置；也可根据用户现场要求，制成公制螺纹、NPT螺纹等形式。
8. 钢管、电缆布线均可。

1. The outer casing is cast aluminum alloy ZL102. Adopting one-time die-casting process, the surface is smooth, the appearance is beautiful, the internal structure is high in density, and the impact resistance is strong. The outer casing has good explosion-proof performance, and the product has a permanent “Ex” explosion-proof mark.
2. After the surface of the product is deburred by industrial robots and high-speed shot blasting, the advanced automatic high-pressure electrostatic spray and heat-curing line technology is adopted. The plastic layer formed on the surface of the shell has strong adhesion and good anti-corrosion ability.
3. The component cavity adopts an explosion-proof structure, and the inlet and outlet chambers adopt an increased safety structure. The modular combination between each cavity is small, neat and beautiful, and takes up less space on the installation site; it is convenient to install and maintain.
4. The explosion-proof chamber is equipped with AC contactor, thermal relay and other components, and the built-in terminal block, explosion-proof start-stop button and other components.
5. The sealing strip adopts two-component polyurethane primary casting foaming process with high protection performance.
6. All exposed fasteners are made of stainless steel.
7. The inlet and outlet ports are usually made of pipe threads, and the cable clamping and sealing device is arranged. It can also be made into metric thread, NPT thread, etc. according to the requirements of the user site.
8. Steel pipes and cable wiring are available.

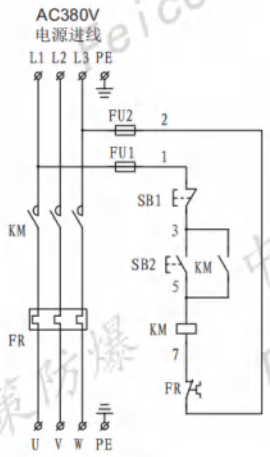
■ 主要技术参数 Main technical parameters

型 号 Type	额定电流 Rated current(A)	额定电压 Rated voltage(V)	热继电器整定电流调节范围 Adjusting scope of thermal relay's setting current (A)	控制电动机最大功率 Max power of controlled motor (KW)	电缆外径 Cable outer dia.(mm)	进线口螺纹 Inlet thread (G)
BQC53-10(K)	10	220 380	0.25～0.35 0.32～0.50 0.45～0.72 0.68～1.10 1.0～1.6 1.5～2.4 2.2～3.5 3.2～5.0 4.5～7.2 6.8～1.1 10～16,15～24 22～33,30～45 50～63,56～85 85～125	4	Φ10～Φ14	G¾
BQC53-20(K)	20			8		
BQC53-40(K)	40			18	Φ14～Φ18	G1
BQC53-63(K)	63			28	Φ15～Φ23	G1¼
BQC53-95	95			45	Φ18～Φ30	G1½
BQC53-10N	10			4	Φ10～Φ14	G¾
BQC53-20N	20			8		
BQC53-40N	40			18	Φ15～Φ23	G1¼

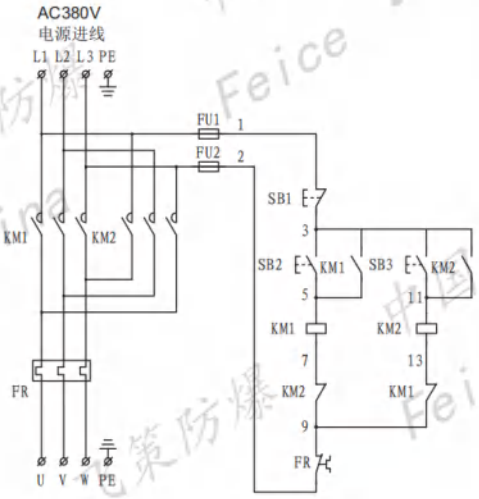
防爆标志 Ex-mark	防护等级 Degree of protection	防腐等级 Erosion-proof class
Ex d e ⅡB T4/T6 Gb Ex d e ⅡC T4/T6 Gb Ex d ⅡB T4/T6 Gb Ex tD A21 IP66 T80℃	IP65, IP66*	WF1 WF2*

*. 要求需注明。 requirements must be marked

■ 电气原理图 Electric scheme

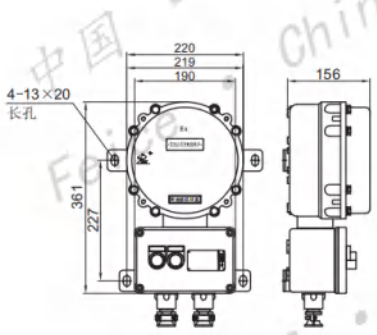


电机单转电气原理图
Motor single turn electrical schematic

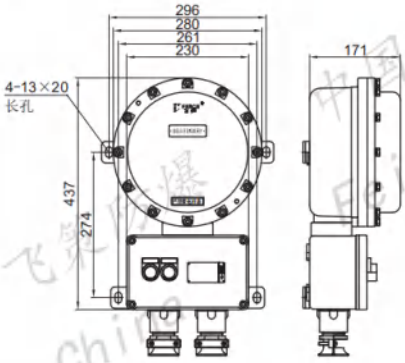


电机可逆电气原理图
Motor reversible electrical schematic

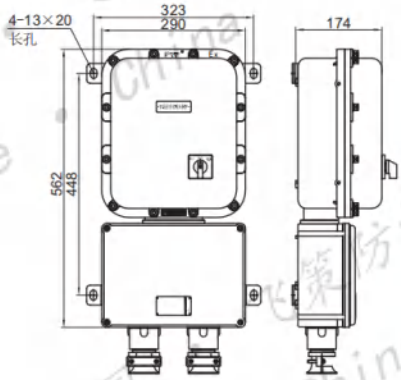
■ 外型及安装尺寸 Outline & installation dimensions



BQC53-10 IIB/IIC级 Level
BQC53-20 IIB/IIC级 Level

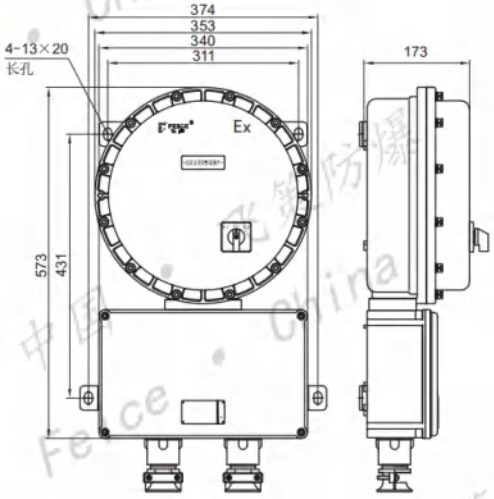


BQC53-40 IIB/IIC级 Level
BQC53-60 IIB/IIC级 Level

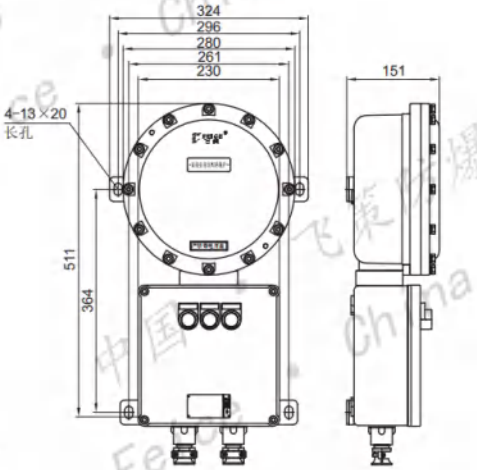


BQC53-95 IIB级 Level

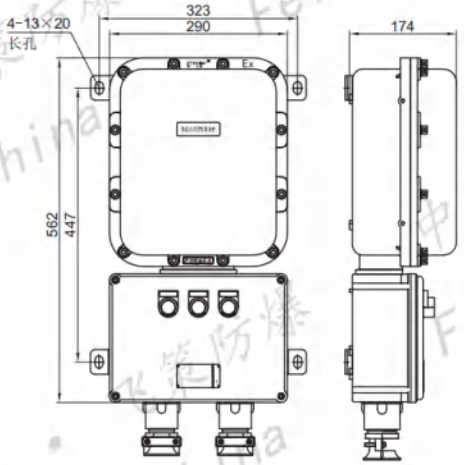
BQC53-系列防爆电磁起动器
BQC53-Series explosion-proof electromagnetic starter



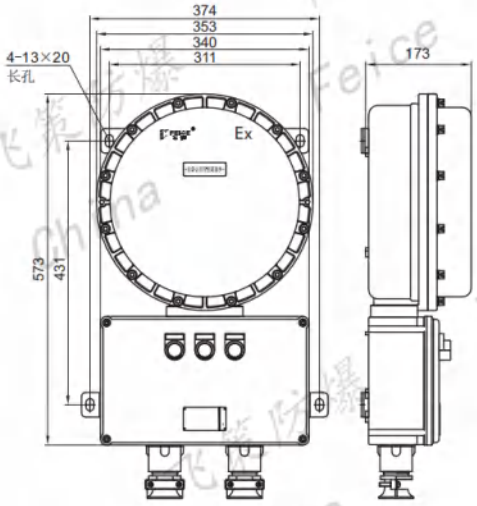
BQC53-95 IIC级 Level



可逆, 箱面控制 Reversible, box control
BQC53-10N IIB/IIC级 Level
BQC53-20N IIB/IIC级 Level



可逆, 箱面控制 Reversible, box control
BQC53-40N IIB级 Level



可逆, 箱面控制 Reversible, box control
BQC53-40N IIC级 Level

■ 订货须知 Order note

1. 请根据“型号含义”，注明所需产品具体型号规格和数量；
2. 请注明防爆标志；
3. 请注明热继电器脱扣电流整定值，如不注明出厂将整定为热继电器刻度的3/4处；
4. 当所需参数与选型不一致时请注明。

1. Please indicate the details of product model, size and quantity according to model implication;
2. Please indicate Ex-mark;
3. Indicate thermal relay trip setting current, otherwise it should be set value 3/4 of thermal relay's scope;
4. Please note if your parameters are not same as model selection.

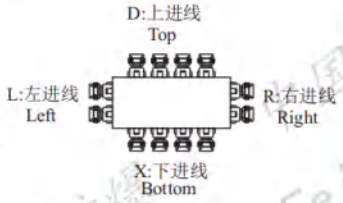
eJX-系列防爆接线箱
eJX-Series explosion proof connection box



■ 型号含义 Model implication

e JX-□□/□D□/□L□/□X□/□R□/□HT□

- WF1-户外防中等腐蚀(不带不注) Outdoor medium erosion-proof(No marking if without)
- 特殊要求(不要求不注) Special requirement(No marking without requirement)
- 用于电话接线(不要求不注) Use for telephone wiring(No marking without requirement)
- 进线口数/螺纹规格(见P71~P76) Nos. of inlet/ thread specification (see P71~P76)
- 右方进线 Right inlet
- 进线口数/螺纹规格(见P71~P76) Nos. of inlet/thread specification or (see P71~P76)
- 下方进线 Bottom inlet
- 进线口数/螺纹规格(见P71~P76) Nos. of inlet/thread specification (seeP71~P76)
- 左方进线 Left inlet
- 进线口数/螺纹规格(见P71~P76) Nos. of inlet/thread specification (see P71~P76)
- 上方进线 Top inlet
- 电流 Current
- 端子数 Nos.of terminal
- F-粉尘防爆(不要求不注) Dust explosion-proof (No marking without requirement)
- 接线箱 Connection box
- 增安型 Increased safety



■ 适用范围 Applications

1. 广泛用于石油开采、炼油、化工、海洋石油平台、油轮等易燃易爆气体环境，也用于军工、港口、粮食储存、金属加工等可燃性粉尘场所；
2. 适用于爆炸性气体环境的1区、2区；
3. 适用于ⅡA、ⅡB、 ⅡC类爆炸性气体环境；
4. 适用于可燃性粉尘环境的21区、22区；
5. 适用于温度组别为T1～T4/T5/T6；
6. 用于照明、电力、控制及通讯线路的连接。

1. It is widely used in flammable and explosive gas environment such as oil exploitation, refining, chemical industry, offshore oil platform, oil tanker, etc. It is also used in flammable dust places such as military industry, port, grain storage and metal processing;
2. Applicable to Zone 1 and Zone 2 of explosive gas environment;
3. Applicable to IIA, IIB, IIC explosive gas environment;
4. Applicable to areas 21 and 22 of flammable dust environment;
5. Applicable to the temperature group is T1 ~ T4 / T5 / T6;
6. Connections for lighting, power, control and communication lines.

■ 执行标准 Executive standard

GB 3836.1、GB 3836.2、GB 3836.3、GB 12476.1、GB 12476.5、IEC 60079-0、IEC 60079-1、IEC 60079-7、IEC 61241-0、IEC 61241-1、EN 60079-0、EN 60079-1、EN 60079-7、EN 61241-0、EN 61241-1

eJX-系列防爆接线箱
eJX-Series explosion proof connection box

FEICE 飞策

产品特点 Features

1. 外壳为铸铝合金ZL102。采用一次压铸成型工艺，产品表面光滑，外形美观大方，金属内部组织致密度高，无气泡、砂眼等缺陷，抗冲击性能强，产品表面设有“Exe”防爆标志；
2. 产品表面通过高速抛丸等系列工艺处理后，采用先进的全自动高压静电喷塑、热固一体化流水线工艺，防腐能力好；
3. 结合面采用曲路密封结构，具有良好的防水、防尘性能；
4. 内装多种类型的增安型接线端子，端子数量可根据用户要求配置；
5. 所有外露紧固件均采用不锈钢材质；
6. 电缆进线方向，可根据用户要求做成上进、下进、左进、右进等多种形式；
7. 进线口通常采用管螺纹，配置电缆引入装置；也可根据用户现场要求，制成公制螺纹、NPT螺纹等形式；
8. 钢管、电缆布线均可。
9. 接线箱安装方式为挂式。

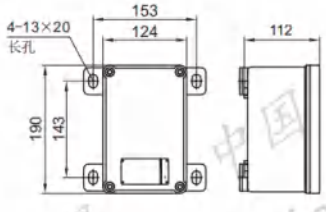
1. The outer casing is cast aluminum alloy ZL102. Adopting one-time die-casting process, the product has smooth surface, beautiful appearance, high density of internal structure of metal, no defects such as bubbles and blisters, strong impact resistance, and “Exe” explosion-proof mark on the surface of the product;
2. After the surface of the product is processed by high-speed shot blasting and other series of processes, it adopts advanced automatic high-pressure electrostatic spray and thermo-solid integrated assembly line technology, which has good anti-corrosion ability;
3. The joint surface adopts curved road sealing structure, which has good waterproof and dustproof performance;
4. Built-in various types of increased safety terminal blocks, the number of terminals can be configured according to user requirements;
5. All exposed fasteners are made of stainless steel;
6. The cable incoming direction can be made into various forms such as up, down, left, and right according to user requirements;
7. The inlet port usually adopts pipe thread and is equipped with cable introduction device; it can also be made into metric thread, NPT thread, etc. according to user's site requirements;
8. Steel pipes and cable wiring are available.
9. The junction box is installed in a hanging mode.

主要技术参数 Main technical parameters

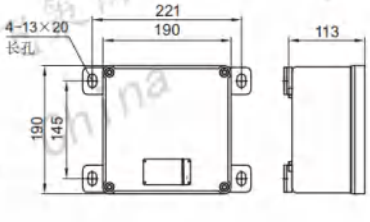
电流(A) Current	电压(V) Voltage	防护等级 Degree of protection	防爆标志 Ex-mark	防腐等级 Erosion-proof class	进线口螺纹 Inlet thread	电缆外径(mm) Cable outer dia.
10,20,32,63 100,125,200 300,400	380	IP65 IP66*	Ex e II C T6/T5/T4 Gb Ex tD A21 IP66 T80℃	WF1	M16~M63 G½~4	见see P71~P76

*:订购时需提出。Indicate it when ordering.

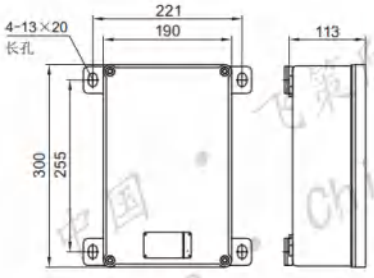
外形及安装尺寸 Outline & installation dimensions



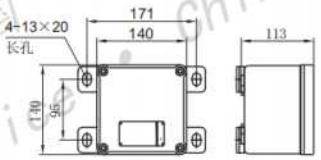
1#箱 box



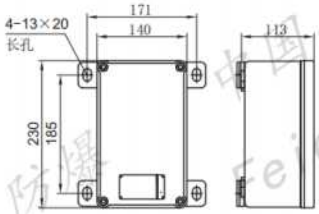
2#箱 box



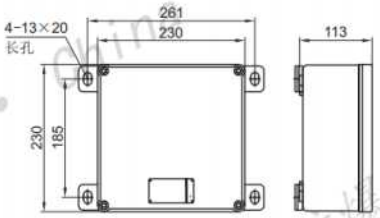
3#箱 box



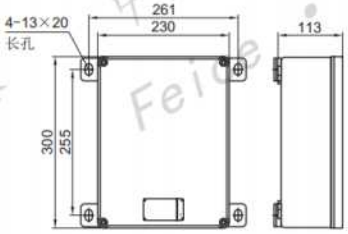
4#箱 box



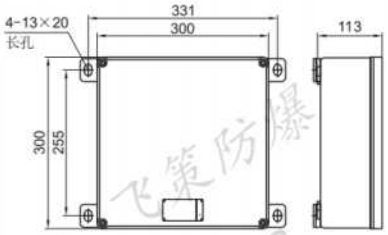
5#箱 box



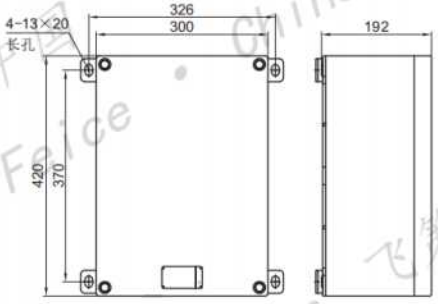
6#箱 box



7#箱 box



8#箱 box



9#箱 box

订货须知 Ordering note

1. 按照型号含义中的规则逐条进行选择，并在型号含义后增加防爆标志。
2. 如用户有特殊需求，需在订购时详细指明。

1. According to the model implication's rules to select regularly, and Ex-mark should be added behind model implication;
2. If there are some special requirements, it should be pointed as ordering.

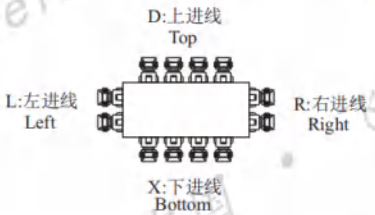
BJX-系列防爆接线箱
BJX-Series explosion proof connection box



■ 型号含义 Model implication

BJX-□/□□D□/□L□/□X□/□R□/□ T□

- 防爆 Explosion-proof
- 接线箱 Connection box
- 端子数 Nos.of terminal
- 电流 Rated current
- B-ⅡB类防爆(可不注) Class ⅡB explosion-proof(No marking)
- C-ⅡC类防爆 Class ⅡC explosion-proof
- 进线口数/螺纹规格 Nos.of inlet/thread specification
- 上方进线 Top inlet
- 进线口数/螺纹规格 Nos.of inlet/thread specification
- 左方进线 Left inlet
- 进线口数/螺纹规格 Nos.of inlet/thread specification
- 下方进线 Bottom inlet
- 进线口数/螺纹规格 Nos.of inlet/thread specification
- 右方进线 Right inlet
- 特殊要求(不要求不注) Special requirement (No marking without requirement)
- WF1-户外防中等腐蚀(不带不注) WF1- Outdoor medium erosion-proof (No marking if without)



■ 适用范围 Applications

1. 广泛用于石油开采、炼油、化工、海洋石油平台、油轮等易燃易爆气体环境，也用于军工、港口、粮食储存、金属加工等可燃性粉尘场所；
2. 适用于爆炸性气体环境的1区、2区；
3. 适用于ⅡA、ⅡB、 ⅡC类爆炸性气体环境；
4. 适用于可燃性粉尘环境的21区、22区；
5. 适用于温度组别为T1～T4/T5/T6；
6. 用于照明、电力、控制及通讯线路的连接。

1. It is widely used in flammable and explosive gas environment such as oil exploitation, refining, chemical industry, offshore oil platform, oil tanker, etc. It is also used in flammable dust places such as military industry, port, grain storage and metal processing;
2. Applicable to Zone 1 and Zone 2 of explosive gas environment;
3. Applicable to IIA, IIB, IIC explosive gas environment;
4. Applicable to areas 21 and 22 of flammable dust environment;
5. Applicable to the temperature group is T1 ~ T4 / T5 / T6;
6. Connections for lighting, power, control and communication lines.

BJX-系列防爆接线箱
BJX-Series explosion proof connection box

执行标准 Executive standard

GB 3836.1、GB 3836.2、GB 3836.3、GB 3836.4、GB 12476.1、GB 12476.5、IEC 60079-0、IEC 60079-1、IEC 60079-7、IEC 61241-0、IEC 61241-1、EN 60079-0、EN 60079-1、EN 60079-7、EN 61241-0、EN 61241-1

产品特点 Features

1. 产品外壳为铸铝合金ZL102。采用一次压铸成型工艺，产品表面光滑，外形美观大方，金属内部组织致密度高，无气泡、砂眼等缺陷，抗冲击性能好，产品表面设有“Ex”防爆标志；
2. 产品表面通过高速抛丸等系列工艺处理后，采用先进的全自动高压静电喷塑、热固一体化流水线工艺，壳体表面形成的塑层附着力强，不易脱落，有效达到保护壳体的目的，提高了产品的防腐能力；
3. 结合面采用平面结合面(IIB)或螺纹结合面(IIC)，并增加橡胶密封圈密封，防爆性能可靠，防护性能好；
4. 产品内装接线端子。端子数量可根据用户要求配置；
5. 所有外露紧固件均采用不锈钢材质；
6. 电缆进线方向，可根据用户要求做成上进、下进、左进、右进等多种形式；
7. 进线口通常采用管螺纹，配置电缆引入装置；也可根据用户现场要求，制成公制螺纹、NPT螺纹等形式；
8. 钢管、电缆布线均可；
9. 接线箱安装方式为挂式。

1. The outer casing of the product is cast aluminum alloy ZL102. Adopting one-time die-casting process, the product has smooth surface, beautiful appearance, high density of internal structure of metal, no defects such as bubbles and blisters, good impact resistance, and “Ex” explosion-proof mark on the surface of the product;
2. After the surface of the product is processed by high-speed shot blasting and other series of processes, the advanced automatic high-pressure electrostatic spray and thermosetting integrated line process is adopted. The plastic layer formed on the surface of the shell has strong adhesion and is not easy to fall off, effectively achieving the protection of the shell. The purpose of improving the anti-corrosion ability of the product;
3. The joint surface adopts the plane joint surface (IIB) or the thread joint surface (IIC), and the rubber seal ring seal is added, the explosion-proof performance is reliable, and the protection performance is good;
4. The product has built-in terminal blocks. The number of terminals can be configured according to user requirements;
5. All exposed fasteners are made of stainless steel;
6. The cable incoming direction can be made into various forms such as up, down, left, and right according to user requirements;
7. The inlet port usually adopts pipe thread and is equipped with cable introduction device; it can also be made into metric thread, NPT thread, etc. according to user's site requirements;
8. Steel pipes and cable wiring can be used;
9. The junction box is installed in a hanging mode.

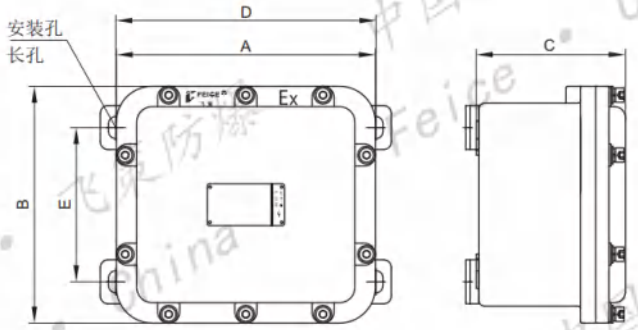
主要技术参数 Main technical parameters

额定电流 Rated Current (A)	额定电压 Rated voltage(V)	进线口螺纹与电缆外径(mm) Inlet thread and cable outer dia.								
10,20,32, 63,100,225 300,400,630	380	G½	G¾	G1	G1¼	G1 ½	G2	G2 ½	G3	G4
		Φ7~Φ10	Φ8~Φ14	Φ10~Φ18	Φ13~Φ23	Φ17~Φ30	Φ25~Φ38	Φ30~Φ46	Φ38~Φ56	Φ51~Φ80

防爆标志 Ex-mark	防护等级 Degree of protection	防腐等级 Erosion-proof class
Ex d ⅡB T6/T5/T4 Gb Ex d ⅡC T6/T5/T4 Gb Ex ia IIC T6 Gb Ex tD A21 IP66 T80℃ Ex iaD20 T80℃	IP65 IP66*	W WF1

*. 要求IP66，需注明。 IP66 Requirements must be marked

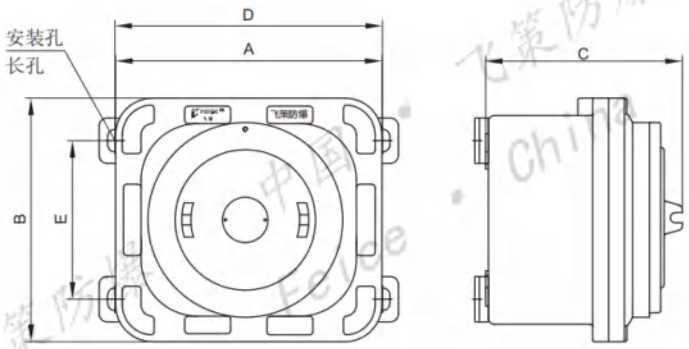
■ 外形及安装尺寸 Outline & installation dimensions



IIB级 Class

IIB级 单位：mm

箱体规格 Box specification	A	B	C	D	E	安装孔 Mounting holes
180×180	180	180	106	183	103.5	13×20
235×215	235	215	135.5	236	140	13×20
275×235	275	235	135.5/193.5	275	156.5	13×20
375×305	375	305	166/211	372.5	226.5	13×20
340×462	340	462	213/230/243	331	375	13×20
420×550	420	550	198/248	472	350	13×33



IIC级 Class

IIC级 单位：mm

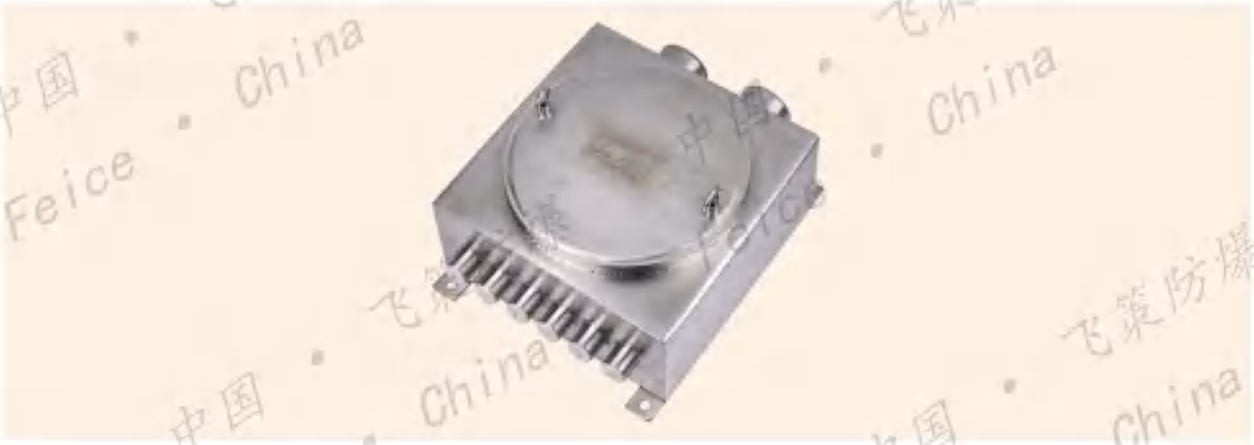
箱体规格 Box specification	A	B	C	D	E	安装孔 Mounting holes
180×180	180	180	146.5	183	103.5	13×20
215×235	235	215	173.5	236	140	13×20
235×275	275	235	174.5	275	156.5	13×20
305×375	375	305	215	372.5	226.5	13×20
420×550	420	550	227	472	350	13×33

■ 订货须知 Ordering note

1. 按照型号含义中的规则逐条进行选择，并在型号含义后增加防爆标志。
2. 如用户有特殊需求，需在订购时详细指明。

1. According to the model implication's rules to select regularly, and Ex-mark should be added behind model implication;
2. If there are some special requirements, it should be pointed as ordering.

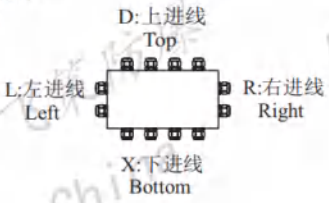
BJX-g系列防爆接线箱
BJX-g Series explosion proof connection box



型号含义 Model implication

BJX - g □/□□D□/□L□/□X□/□R□/□ T □

- WF2-户外防强腐蚀(不要求不注) Serious erosion-proof outdoor (No marking without requirement)
- 特殊要求(不要求不注) Special requirement(No marking without requirement)
- 进线口数/螺纹规格/数量(不要求不注)(见P71~P76) Nos.of inlet/thread specifications/nos(seeP71~P76)
- 右方进线 Right inlet
- 进线口数/螺纹规格/数量(不要求不注)(见P71~P76) Nos.of inlet/thread specifications/nos (No marking without requirement) (see P71~P76)
- 下方进线 Bottom inlet
- 进线口数/螺纹规格/数量(不要求不注)(见P56~58/BDM□ 系列) Nos.of inlet/thread specifications/nos (No marking without requirement) (see P71~P76)
- 左方进线 Left inlet
- 进线口数/螺纹规格/数量(不要求不注)(见P56~58/BDM□ 系列) Nos.of inlet/thread specifications/nos (No marking without requirement) (see P71~P76)
- 上方进线 Top inlet
- B-ⅡB类防爆(可不注) Class Ⅱ B explosion-proof(No marking)
- C-ⅡC类防爆 Class Ⅱ C explosion-proof
- F-粉尘防爆 Dust explosion-proof
- 电流 Current
- 端子数 Nos.of terminal
- 不锈钢外壳 Stainless steel enclosure
- 接线箱 Connection box
- 防爆 Explosion-proof



适用范围 Applications

1. 广泛用于石油开采、炼油、化工、海洋石油平台、油轮等易燃易爆气体环境，也用于军工、港口、粮食储存、金属加工等可燃性粉尘场所；
2. 适用于爆炸性气体环境的1区、2区；
3. 适用于ⅡA、ⅡB、 ⅡC类爆炸性气体环境；
4. 适用于可燃性粉尘环境的21区、22区；
5. 适用于含有腐蚀性气体、潮湿、防护要求较高的场所；
6. 适用于温度组别为T1～T6；
7. 作为连接照明、电力、控制线路等，可用于电缆进线，也可用于单绝缘线的钢管布线。

1. It is widely used in flammable and explosive gas environment such as oil exploitation, refining, chemical industry, offshore oil platform, oil tanker, etc. It is also used in flammable dust places such as military industry, port, grain storage and metal processing;
2. Applicable to Zone 1 and Zone 2 of explosive gas environment;
3. Applicable to IIA, IIB, IIC explosive gas environment;
4. Applicable to areas 21 and 22 of flammable dust environment;
5. Applicable to corrosive gases, moisture, and high protection requirements place;
6. Applicable to the temperature group is T1 ~ T4;
7. As a connection lighting, power, control circuit, etc., it can be used for cable entry or steel pipe wiring for single insulated wire.

BJX-g系列防爆接线箱
BJX-g Series explosion proof connection box

执行标准 Executive standard

GB 3836.1、GB 3836.2、GB 12476.1、GB 12476.5、IEC 60079-0、IEC 60079-1、IEC 60079-7、IEC 61241-0、IEC 61241-1、EN 60079-0、EN 60079-1、EN 60079-7、EN 61241-0、EN 61241-1

产品特点 Features

1. 外壳采用不锈钢板焊接而成，抗冲击性能强，产品外壳防爆性能好，产品上印有永久性“Ex”防爆标志；
2. 本质安全型接线箱可用于爆炸性气体环境0区和可燃性粉尘环境20区，作为电流不大于1A，电压不大于30VDC的通讯和控制线路中进行电气连接；
3. 表面通过抛光工艺处理，表面光滑，防腐能力强；
4. 内装接线端子。端子数量可根据用户要求配置；
5. 所有配置接线箱的电缆格兰(防爆电缆引入装置)、堵头、变径及对应的锁紧螺母的材质为黄铜镀镍或不锈钢；
6. 格兰及防爆堵头数量可根据用户要求的进出线电缆数量配置，并视具体情况在空间许可的前提下留出一定的备用格兰孔，该孔可使用防爆金属堵头进行封堵；
7. 所有外露紧固件均采用不锈钢材质；
8. 电缆进线方向，可根据用户要求做成上进、下进、左进、右进等多种形式；
9. 进线口可根据用户现场要求，制成公制螺纹、NPT螺纹或管螺纹等形式；
10. 钢管、电缆布线均可；
11. 接线箱安装方式为挂式。

1. The outer casing is welded by stainless steel plate, which has strong impact resistance and good explosion-proof performance. The product is printed with permanent “Ex” explosion-proof mark;
2. The intrinsically safe junction box can be used in the explosive gas environment zone 0 and the flammable dust environment zone 20, as the electrical connection in the communication and control lines with the current not more than 1A and the voltage not more than 30VDC;
3. The surface is treated by a polishing process with a smooth surface and strong anti-corrosion ability;
4. Built-in terminal block. The number of terminals can be configured according to user requirements;
5. All cable glands (explosion-proof cable entry devices), plugs, reducers and corresponding lock nuts are configured with brass nickel or stainless steel;
6. The number of Granville and explosion-proof plugs can be configured according to the number of incoming and outgoing cables required by the user, and a certain spare Grand Hole can be reserved under the premise of space permit according to the specific conditions. The hole can be sealed with an explosion-proof metal plug. ;
7. All exposed fasteners are made of stainless steel;
8. The cable incoming direction can be made into various forms such as up, down, left, and right according to user requirements;
9. The inlet can be made into metric thread, NPT thread or pipe thread according to the requirements of the user's site;
10. Steel pipes and cable wiring can be used;
11. The junction box is installed in a hanging mode.

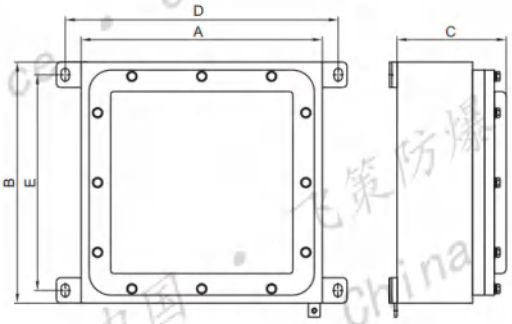
主要技术参数 Main technical parameters

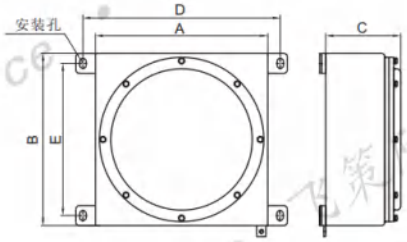
额定电流 Rated Current (A)	进线口螺纹与电缆外径(mm) Inlet thread and cable outer dia.								
10,20,32,63, 100,125,200, 300,400	G½	G¾	G1	G1¼	G1½	G2	G2½	G3	G4
	Φ7～Φ10	Φ8～Φ14	Φ10～Φ18	Φ13～Φ23	Φ17～Φ30	Φ25～Φ38	Φ30～Φ46	Φ38～Φ56	Φ51～Φ80

额定电压 Rated voltage(V)	防护等级 Degree of protection	防爆标志 Ex-mark	防腐等级 Erosion-proof class
220 380	IP65 IP66*	Ex d II B T5/T6 Gb Ex d II C T5/T6 Gb Ex tD A21 IP66 80℃ Ex ia IIC T6 Ga Ex iaD 20 T80℃	WF2

*:订购时需提出。Indicate it when ordering.

外形及安装尺寸 Outline & installation dimensions





IIB级

箱体规格(mm) Box specification	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	安装孔(mm) Mounting holes
380×380	380	380	120	430	340	13×20
520×380	520	380	150	570	340	13×20
420×420	420	420	172	476	370	13×33
520×420	520	420	300	576	370	13×33

IIC级

箱体规格(mm) Box specification	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	安装孔(mm) Mounting holes
200×200	200	200	120	250	160	13×20
250×250	250	250	150	300	210	13×20
345×345	345	345	150	395	305	13×20
500×500	500	500	172	557	460	13×33
600×600	600	600	300	660	550	13×33

订货须知 Order note

1. 按照型号含义中的规则逐条进行选择，并在型号含义后增加防爆标志。
2. 如用户有特殊需求，需在订购时详细指明。

1. Accord with the model implication's rules to select regularly, and Ex-mark should be added behind model implication;
2. If there are some special requirements, it should be pointed as ordering.

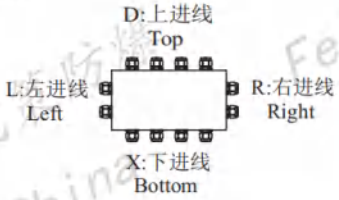
BF$_2$8158-g系列防爆防腐接线箱
BF$_2$8158-g Series explosion&corrosion-proof junction board



型号含义 Model implication

BF2 8158-g□ □ /□ D□ /□ L□ /□ X□ /□ R□ /□ □

- WF2-户外防强腐蚀(不要求不注) Serious erosion-proof outdoor(No marking without requirement)
- 进线口数/螺纹规格/数量(见P71~P76) Nos. of inlet/thread specification/nos(see P71~P76)
- 右方进线 Right inlet
- 进线口数/螺纹规格/数量(见P71~P76) Nos. of inlet/ thread specification/nos(see P71~P76)
- 下方进线 Bottom inlet
- 进线口数/螺纹规格/数量(见P71~P76) Nos. of inlet/ thread specification/nos(see P71~P76)
- 左方进线 Left inlet
- 进线口数/螺纹规格/数量(见P71~P76) Nos of inlet/thread specification/nos(see P71~P76)
- 上方进线 Top inlet
- 额定电流 Rated current
- 端子数 Nos.of terminals
- F-粉尘防爆(不要求不注) Dust explosion-proof (No marking without requirement)
- 不锈钢外壳 Stainless steel enclosure
- 设计序号 Design NO.
- 防爆防强腐蚀 Explosion-proof and serious erosion-proof



适用范围 Applications

1. 广泛用于石油开采、炼油、化工、海洋石油平台、油轮等易燃易爆气体环境，也用于军工、港口、粮食储存、金属加工等可燃性粉尘场所；
2. 适用于爆炸性气体环境的1区、2区；
3. 适用于ⅡA、ⅡB、 ⅡC类爆炸性气体环境；
4. 适用于可燃性粉尘环境的21区、22区；
5. 适用于含有腐蚀性气体、潮湿、防护要求较高的场所；
6. 适用于温度组别为T1～T6；
7. 作为连接照明、电力、控制线路及电话线路等之用。

1. It is widely used in flammable and explosive gas environment such as oil exploitation, refining, chemical industry, offshore oil platform, oil tanker, etc. It is also used in flammable dust places such as military industry, port, grain storage and metal processing;
2. Applicable to Zone 1 and Zone 2 of explosive gas environment;
3. Applicable to IIA, IIB, IIC explosive gas environment;
4. Applicable to areas 21 and 22 of flammable dust environment;
5. Applicable to corrosive gases, moisture, and high protection requirements place;
6. Applicable to the temperature group is T1 ~ T4;
7. It is used to connect lighting, electric power, control lines, telephone lines, etc.

执行标准 Executive standard

GB 3836.1、GB 3836.2、GB 3836.3、GB 3836.9、GB 12476.1、GB 12476.5、IEC 60079-0、IEC 60079-1、IEC 60079-7、IEC 61241-0、IEC 61241-1、EN 60079-0、EN 60079-1、EN 60079-7、EN 61241-0、EN 61241-1

产品特点 Features

1. 外壳采用不锈钢制成，外形美观，具有耐腐蚀，耐冲击及热稳定性好等特点；
2. 内装增安型接线端子。端子数量可根据用户要求配置；
3. 所有外露紧固件均采用不锈钢材质；
4. 所有配置接线箱的电缆格兰(防爆电缆引入装置)、堵头、变径及对应的锁紧螺母的材质为黄铜镀镍、不锈钢、碳钢或工程塑料；
5. 格兰及防爆堵头数量可根据用户要求的进出线电缆数量配置，并视具体情况在空间许可的前提下留出一定的备用格兰孔，该孔可使用防爆金属堵头进行封堵；
6. 电缆进线方向，可根据用户要求做成上进、下进、左进、右进等多种形式；
7. 进线口可根据用户现场要求，制成公制螺纹、NPT螺纹或管螺纹等形式；
8. 钢管、电缆布线均可；
9. 接线箱安装方式为挂式。

1. The outer casing is made of stainless steel, which has beautiful appearance, corrosion resistance, impact resistance and good thermal stability.
2. Built-in increased safety terminal block. The number of terminals can be configured according to user requirements;
3. All exposed fasteners are made of stainless steel;
4. All cable glands (explosion-proof cable entry devices), plugs, reducers and corresponding lock nuts are made of brass nickel-plated, stainless steel, carbon steel or engineering plastics;
5. The number of Granville and explosion-proof plugs can be configured according to the number of incoming and outgoing cables required by the user, and a certain spare Grand Hole can be reserved under the premise of space permit according to the specific conditions. The hole can be sealed with an explosion-proof metal plug. ;
6. The cable incoming direction can be made into various forms such as up, down, left, and right according to user requirements;
7. The inlet can be made into metric thread, NPT thread or pipe thread according to the requirements of the user's site;
8. Steel pipes and cable wiring can be used;
9. The junction box is installed in a hanging mode.

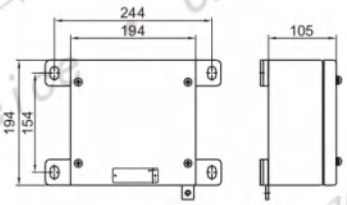
主要技术参数 Main technical parameters

额定电流 (A) Rated current	额定电压 (V) Rated voltage	防护等级 Degree of protection	防爆标志 Ex-mark	防腐等级 Erosion-proof class
5～400	220/380/415	IP65, IP66*	Ex e II T5/T6 Gb Ex tD A21 IP66 80℃	WF2

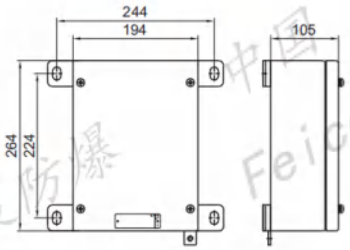
*. 要求IP66，需注明。 IP66 requirements must be marked

BF₂8158-g系列防爆防腐接线箱
BF₂8158-g Series explosion&corrosion-proof junction board

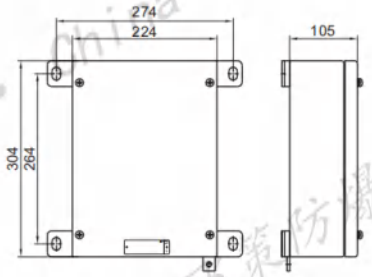
外形及安装尺寸 Outline & installation dimensions



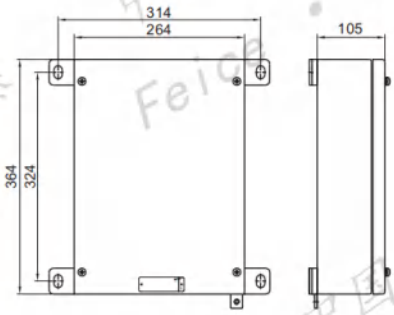
1#箱 box



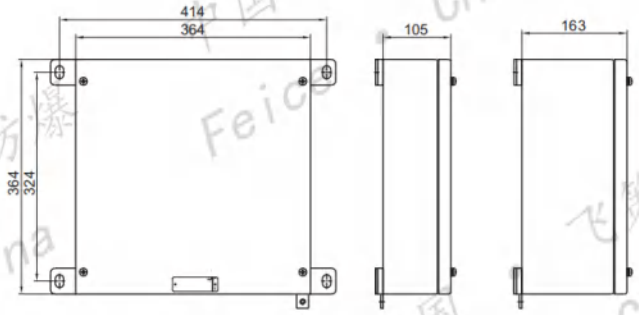
2#箱 box



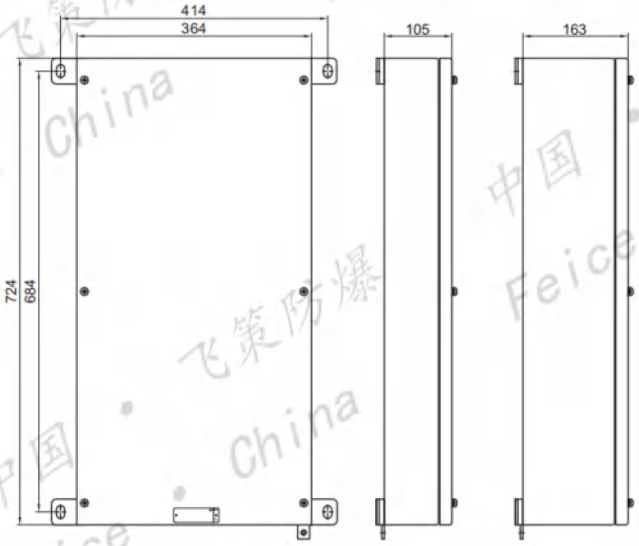
3#箱 box



4#箱 box



5#箱 box



6#箱 box

订货须知 Order note

1. 按照型号含义中的规则逐条进行选择，并在型号含义后增加防爆标志。
2. 如用户有特殊需求，需在订购时详细指明。

1. Accord with the model implication's rules to select regularly, and Ex-mark should be added behind model implication;
2. If there are some special requirements, it should be pointed as ordering.

AC系列防爆插销
AC Series explosion-proof bolt



Z：直插式 In-line　　X：斜插式 Oblique insert

型号含义 Model implication

AC-□ □ /□ □ T□

- 防爆插接装置 Explosion-proof splicing device
- F-粉尘防爆(不要求不注) Dust explosion-proof (No marking without requirement)
- 额定电流 Rated current
- 额定电压 Rated voltage
- WF1-户外防中等腐蚀(不带不注) WF1- Outdoor middle erosion-proof(No marking if without)
- 特殊要求 Special requirement
- Z-直插式(可不注仅16A有此型式) Vertical type(No marking Only 16 A has this type)
- X-斜插式 Slanting type

适用范围 Applications

1. 1区、2区危险场所，21区、22区危险场所；
2. ⅡA、ⅡB、ⅡC类爆炸性环境，可燃性粉尘环境；
3. 户内、户外；
4. 温度组别T1~T6。

1. Hazardous: division 1&2 or zone 21、22;
2. Explosive or steam atmosphere: class Ⅱ A, Ⅱ B, Ⅱ C， flammable dust atmospheres;
3. Indoor or outdoor ;
4. Temperature class: T1~T6.

产品特点 Features

1. 插座部分外壳采用高强度无铜铝一次性压铸成型，结构紧凑合理，强度好，防爆性能优良，表面经高速抛丸清理后高压静电喷涂，塑粉附着力强，具有良好的防腐性能，外表整洁，美观大方。
2. 具有可靠的联锁功能，即插头插入座体以后需旋转插头使插头上面的箭头对准“I”表接通， 这时插头无法拔出；只有旋转插头使插头上面的箭头对准“O”表切断，这时插头才能拔出。
3. 插头接触性能可靠，使用寿命长，插座内的插套有一个弹性的百叶式簧套(材质为铍青铜，经热处理)，使插头既有自我清洁的特性，又保证了小的接触电阻和低温升，同时也将所要的插拔力降到了最低，百叶式簧套的设计保证了插头和插座功能的正常发挥和永久的自清洁效果，解决了插接装置在使用中受周围环境的影响（如湿度，尘埃等），确保了插接装置的电传输性能；
4. 插座设有挂锁，不使用时可锁定，插座无法打开。

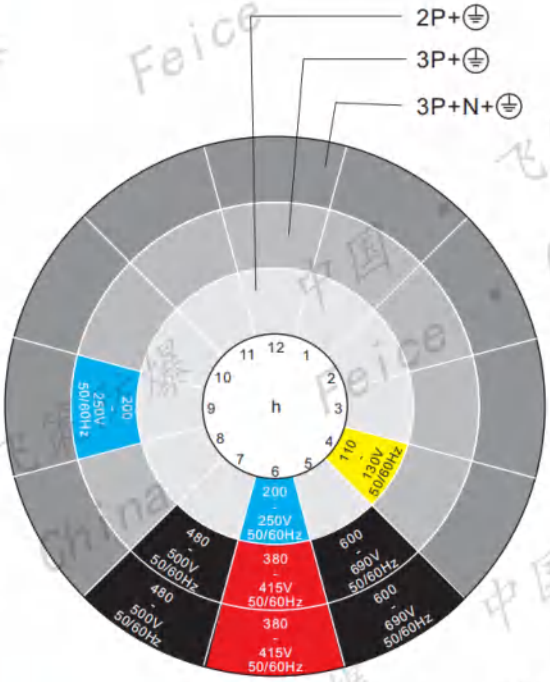
1. Plug part One-step Die-casting modeling is made with high strength alumni without copper, and the outer shell features reasonable structure, high strength, and fine explosion-proof. Due to high voltage static spray after high-speedy polish, and plastic powder with good adhesion, the surface features good antiseptic property with clean and elegant appearance
2. With reliable interlocking function, which plugs a body to plug that plug rotation after the arrow above on "I" table up, then plug can't pluck up, Only rotation to plug the arrow above plug on "O" cut off the table, and then plug to pull out.
3. Contact of plug is reliable, long life. there is a spring pin with shutters inside the socket, so it is asy to self-clean the plug, and ensures the small resistance and low temperature rise, at the same time, it can deduces the plug force into min one. This design ensures the normal working and constant self-clean functions, avoid the effect of environments(when such as it's working humidity, dust);
4. The padlock is set on the plug.

主要技术参数 Main technical parameters

型号 Type	电流 Current (A)	电压 Voltage (V)	防爆标志 Ex-mark	防护等级 Degree of protection	电缆外径 Cable outer dia. (mm)	进出线口螺纹 Inlet and outlet thread (G)
AC-16	16	24 36 110 220 380	Ex dⅡB T5/T6 Gb Ex dⅡC T5/T6 Gb Ex tD A21 IP66 T80℃/T95℃	IP65 IP66*	Φ10～Φ14	G¾
AC-32	32				Φ12～Φ18	G1

*. 要求IP66，需注明。 IP66 requirements must be marked

防爆插接装置时钟位置及颜色 Clock position and colour of explosion-proof plugs and sockets



工业用的插接装置设计制作应符合国际标准IEC60309和CEE出版物，《工业用插头和插座的标准要求》和国标GB/T11918-2014《工业用插头插座耦合器》第1部分：通用要求。

当从现有的标准范围内选择插头和插座的制作，首先应该选择圆形插头和插座，为避免在使用中插头和插座的误插，本插接装置根据不同的电压、电流等级和级数，结构具有时钟防误插和色别防误插的功能。

Sockets and plugs for industry are designed to conform to the international standard IEC60309,CEE publication ,"Standard Requirements of sockets and plugs for industry"and GB/T11918-2014"Couplers of plugs and sockets for Industry"part1:General Requirements,

When selecting plugs and sockets in the present range of standard for manufacturing, the circular socket and plug should be selected of clock and olour mis-inserting proof according to different voltage, current and number of pole.

产品图样 Sample

时钟h，电压，电流 Time,voltage,current



16A/3芯 cores
110-130V
1P+N+PE
黄色 Yellow

16A/3芯 cores
200-250V
1P+N+PE
蓝色 Blue

插接装置接线图
Connection diagram



时钟h，电压，电流 Time,voltage,current



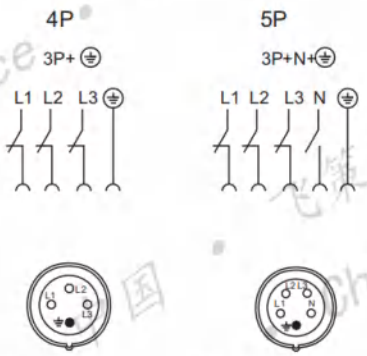
16A/4芯 cores
220-250V
3P+PE
蓝色 Blue

16A/4芯 cores
380-415V
3P+PE
红色 Red

16A/4芯 cores
500V
3P+PE
黑色 Black

16A/4芯cores
690V
3P+PE
黑色 Black

■ 插接装置接线图 Connection diagram



时钟h，电压，电流 Time,voltage,current



蓝色 Blue	16A/5芯 cores 220-250V 3P+N+PE
红色 Red	16A/5芯 cores 380-415V 3P+N+PE
黑色 Black	16A/5芯 cores 500V 3P+N+PE
黑色 Black	16A/5芯 cores 690V 3P+N+PE

■ 产品图样 Sample

时钟h，电压，电流 Time,voltage,current



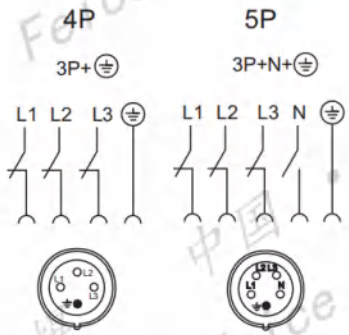
蓝色 Blue	32A/4芯 cores 220-250V 3P+PE
红色 Red	32A/4芯 cores 380-415V 3P+PE
黑色 Black	32A/4芯 cores 500V 3P+PE
黑色 Black	32A/4芯 cores 690V 3P+PE

时钟h，电压，电流 Time,voltage,current

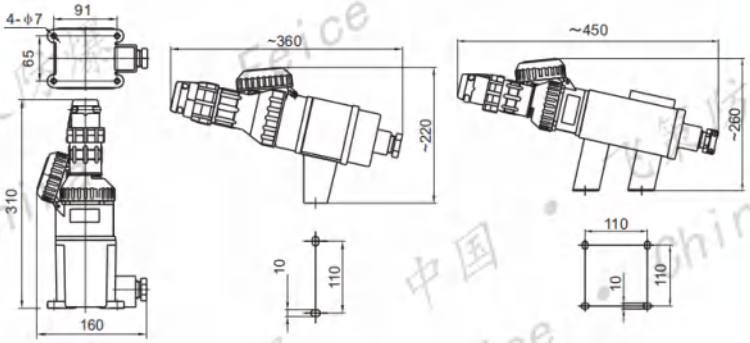


蓝色 Blue	32A/5芯 cores 220-250V 3P+N+PE
红色 Red	32A/5芯 cores 380-415V 3P+N+PE
黑色 Black	32A/5芯 cores 500V 3P+N+PE
黑色 Black	32A/5芯 cores 690V 3P+N+PE

■ 插接装置接线图 Connection diagram



■ 外形尺寸 Outline dimensions



16A直插式(Z)
16A in-line (Z)

16A斜插式(X)
16A oblique insert (X)

32A斜插式(X)
32A oblique insertion type (X)