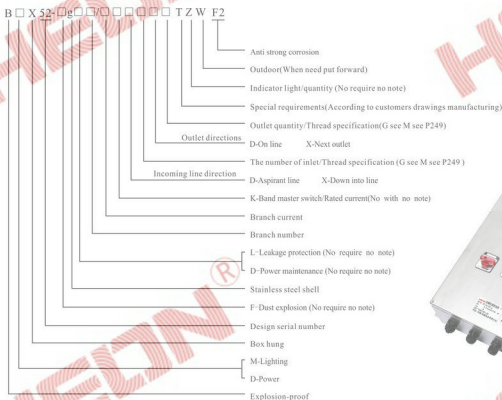


## BM(D)X52-g Series explosion-proof lighting (power) distribution box (II C, DIP)

## ■ Model implication



Patent product

## ■ Application scope

1. I zone and 2 zone II A~ II C explosive gas environment, and/or 20 zone, zone 21, 22 area combustible dust place;
2. Strong corrosion gas environment;
3. Temperature group: T1 ~ T6;
4. Indoor, outdoor (IP65, IP66 \* when ordering need to put forward);
5. Used in chemical industry, refinery, oil, offshore oil platform, Tanker, military and other dangerous places.

## ■ Product features

1. The shell is made of stainless steel plate processing and become, good resistance to corrosion, impact resistant, shape beauty View etc, stainless steel exposed fasteners.
2. Switch for outside box operation, according to the requirements padlock.
3. Increased safety type shell, built-in explosion-proof anticorrosive circuit breaker, explosion-proof anticorrosive motor protection Switch, explosion-proof surge protector, explosion-proof isolation switch, explosion-proof signal lamp etc, each
- Kind of element parameters see P336 ~ 346 introduction;
- (4) according to the requirements can be equipped with leakage protection;
5. Shell, shell cover joint use high temperature resistant, anti-aging of silicon rubber sealing strip, with
- Has a good waterproof, dustproof performance.




## ■ Main technical parameters

Branch current (A)	Master switch current (A)	Rated voltage (V)	Branch points	Poles number	Explosion-proof mark	Protection level	Inlet, outlet thread	Cable diameter (mm)
1, 2, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63	≤63 ≤100 ≤225	220 380	2, 3, 6, 9, 12, ...	1P, 1P+N, 2P, 3P, 4P, 3P+N	Exde II CT4(63-225A) Exde II CT5(40-50A) Exde II CT6(1-32A) DIP A20 Ta, T6	IP65 IP66*	G1/2~2 M16-M63	See P249

\* When ordering should be put forward

### ■ Built-in element main technical parameters

Explosion-proof element name	Explosion-proof anticorrosive circuit breaker (leakage)	Explosion-proof anti-corrosive motor protection switch	Explosion-proof anticorrosive surge protector	Explosion-proof anti-corrosion isolation switch
Explosion-proof component model	8051-(L)	8054	8057	8065
Rated working voltage	220-250V 380-400V	220-250V 380-400V	220-250V 380-400V	220-250V 380-400V
Rated current(A)	1, 2, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63	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	Maximum discharge current 20, 40KA	25, 40, 80, 125(180)
Other parameters	See P336(P338)	See P343	See P346	—

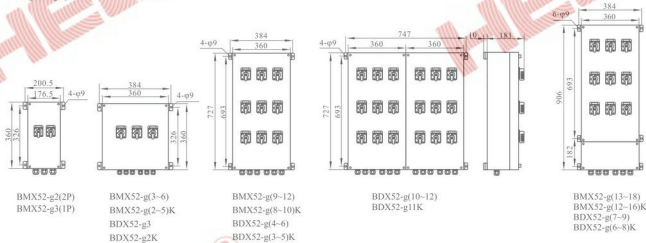
Outline drawing	Installation element					
	Size	Specifications	Quantity	Size	Specifications	Quantity
	size 1	8051-1P	2 piece	size 6	8054	1 piece
	size 2	8051-2P	2 piece		8065-40	1 piece
	size 3	8051-3P	1 piece		8065-80	1 piece
	size 4	8051-4P	1 piece			
	size 4	8051-L2P	2 piece			
	size 1	8051-1P	6 piece	size 6	8054	3 piece
	size 2	8051-2P	4 piece		8065-40	2 piece
	size 3	8051-3P	3 piece		8065-80	1 piece
	size 4	8051-4P	2 piece		8065-125/180	1 piece
	size 5	8051-L3P(4P)	2 piece			
	size 1	8051-1P	6 piece × 2-3 row	size 6	8054	3 piece × 2-3 row
	size 2	8051-2P	4 piece × 2-3 row		8065-40	2 piece × 2 row
	size 3	8051-3P	3 piece × 2-3 row		8065-80	1 piece × 2 row
	size 4	8051-4P	2 piece × 2-3 row		8065-125/180	1 piece × 2 row
	size 5	8051-L3P(4P)	2 piece × 2-3 row			

Note: the concrete scheme can according to customer drawings requirements, with padlock handle built-in element (1 p, 2 p) quantity each minus one piece

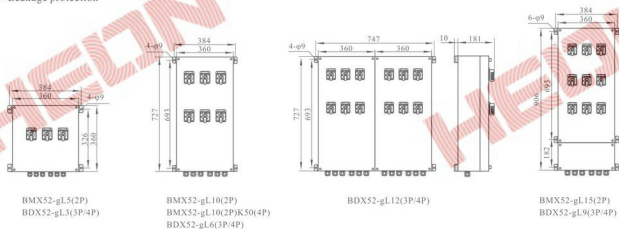
## BM(D)X52-g Series explosion-proof lighting (power) Distribution box (II C, DIP)

## ■ Scheme for example

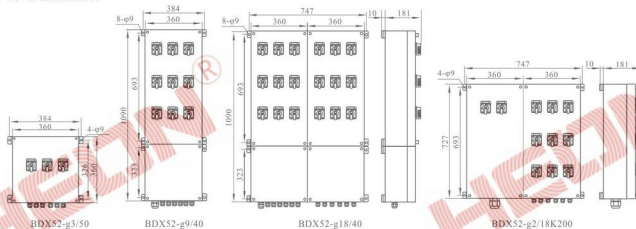
## ● Lighting, power



## ● Leakage protection



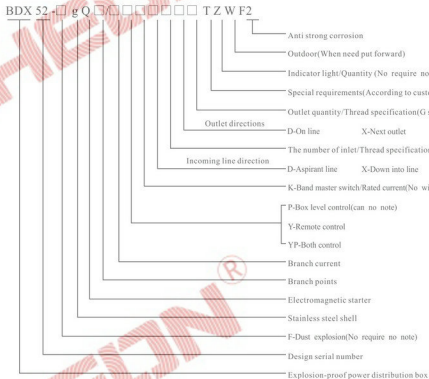
## ● Power maintenance



Note: the concrete scheme can according to customer drawings requirements, with padlock handle built-in element (1 p, 2 p) quantity each minus one piece.

## BDX52-gQ Series explosion power distribution box (Electromagnetic starter) (II C, DIP)

### Model implication



Patent product

### Application scope

1. Zone and 2 zone II A ~ II C explosive gas environment, and/or 20 zone, zone 21, 22 area combustible dust place;
2. Strong corrosion gas environment;
3. Temperature group: T1 ~ T6;
4. Indoor, outdoor (IP65, IP66 \* when ordering need to put forward);
5. Used in chemical industry, refinery, oil, offshore oil platform, Tanker, military and other dangerous places.

### Product features

1. The shell is made of stainless steel plate processing and become, good resistance to corrosion, impact resistant, appearance beautiful wait for an advantage, stainless steel exposed fasteners.
  2. Switch for outside box operation, according to the requirements padlock.
  3. Increased safety type shell, built-in explosion-proof anticorrosive circuit breaker, explosion-proof anticorrosive actuator, explosion-proof anticorrosive thermal relay, explosion-proof isolation switch, explosion-proof control button.
  4. Light and so on, all kinds of element parameters see P336 ~ 346 introduction; (4) according to the requirements can be equipped with leakage protection.
  5. Shell, shell cover joint use high temperature resistant, anti-aging of silicon rubber sealing strip.
- Has a good waterproof, dustproof performance.

### Main technical parameters

Branch current (A)	Rated voltage (V)	Branch points	Poles number	Explosion-proof mark	Protection level	Into, outlet thread	Cable diameter(mm)
1, 2, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63	220 380	2, 3, 6, 9, 12	2P, 3P, 4P, 3P+N	Exde II CT4(63~225A) Exde II CT5(40~50A) Exde II CT6(1~32A) DIP A20 Ta, T6	IP65 IP66*	G1/2~2 M16~M63	See P249

\* : When ordering should be put forward

# BDX52-gQ Series explosion power distribution box (Electromagnetic starter) (IIC, DIP)

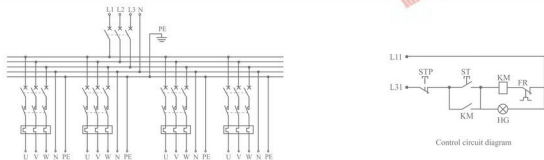
## ■ Built-in element main technical parameters

Explosion-proof element name	Explosion-proof anticorrosive circuit breaker (leakage)	Explosion-proof anticorrosive ac contactor	Explosion-proof anticorrosive thermal relay	Explosion-proof anti-corrosion isolation switch
Explosion-proof component model	8051-(L)	8052	8053	8065
Rated working voltage	220-250V 380-400V	220-250V 380-400V	220-250V 380-400V	220-250V 380-400V
Rated current(A)	1, 2, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63	17, 25, 32	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, 24-32	25, 40, 80, 125(180)
Other parameters	See P336(338)	See P340	See P342	—

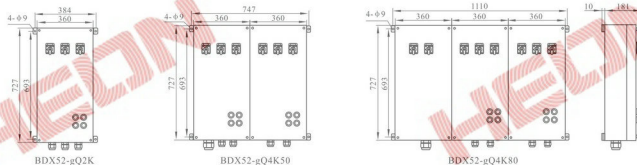
Outline drawing	Installation element					
	Size	Specifications	Quantity	Size	Specifications	Quantity
	Size 3	8051-3P	3 piece	size 7	8052-N	1 piece
	Size 4	8051-4P	2 piece		8052-Q	1 piece
	Size 4	8051-L2P	3 piece		8065-40	2 piece
	Size 5	8051-L3P (4P)	2 piece		8065-80	1 piece
	Size 6	8052	3 piece		8065-125/180	1 piece
	Size 6	8053	3 piece			
	Size 3	8051-3P	3 piece×2-3 row	size 6	8053	3 piece×2-3 row
	Size 4	8051-4P	2 piece×2-3 row	size 7	8052-Q	1 piece×2 row
	Size 4	8051-L2P	3 piece×2-3 row		8065-40	2 piece×2 row
	Size 5	8051-L3P (4P)	2 piece×2-3 row		8065-80	1 piece×2 row
	Size 6	8052	3 piece×2-3 row		8065-125/180	1 piece×2 row

Note: the concrete scheme can according to customer drawings requirements, with padlock handle built-in element (1 p, 2 p) quantity each minus one piece.

## ■ Electric schematic diagram



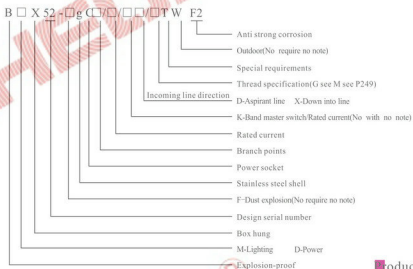
## ■ Scheme for example



Note: the concrete scheme can according to customer drawings requirements, with padlock handle built-in element (1 p, 2 p) quantity each minus one.

## BM(D)X52-gC Series explosion-proof lighting (power) Distribution box (Power socket box/tank) (II C, DIP)

### Model implication



Patent product

Note: If for cabinet, please specify

### Application scope

1. I zone and 2 zone II A ~ II C explosive gas environment, and/or 20 zone, zone 21, 22 area combustible dust place;
2. Strong corrosion gas environment;
3. Temperature group: T1 ~ T6;
4. Indoor, outdoor (IP65, IP66\* sites ordering need to put forward);
5. Used in chemical industry, refinery, oil, offshore oil platform, Tanker, military and other dangerous places.

### Product features

1. The shell is made of stainless steel plate processing and become, good resistance to corrosion, impact resistant.  
Stylish advantages;
2. Switch for outside box operation, according to the requirements padlock;
3. Increased safety type shell, built-in explosion-proof anticorrosive circuit breaker, box wall or box shell  
Loading panel explosion-proof socket, can according to the needs of different back to him.  
Voltage, current, etc.;
- (4) according to the requirements can be equipped with leakage protection;
5. Shell, shell cover joint use high temperature resistant, anti-aging of silicone rubber tight  
Seal, has a good waterproof, dustproof performance;
6. Stainless steel exposed fasteners.

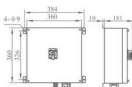
### Main technical parameters

Explosion-proof mark	Protection level	Branch points	Socket current (A)
Exde II C T6/TS/T4, DIP A20 TA,T6	IP65, IP66*	According to user requirements	16, 32, 63, 125

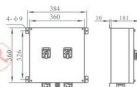
Note: Explosion-proof electrical components parameters reference P336 ~ 338, bayonet device parameter reference P194;

\* : When ordering should be put forward

### Scheme for example



Scheme 1



Scheme 2



Scheme 3

Scheme	Explain
Scheme 1	Built-in explosion-proof circuit breaker(□/2P(3P,4P)) 1 piece
Scheme 2	explosion-proof socket 16A(32A) Total 1 piece
Scheme 3	Built-in explosion-proof circuit breaker(□/2P(3P,4P)) 2 piece, explosion-proof socket 16A(32A) Total 2 piece Built-in explosion-proof circuit breaker(□/2P(3P)3 piece or □/4P2 piece, explosion-proof socket 16A(32A) Total 3 piece or 2 piece
User requirements	According to user requirements marked in the drawings design