

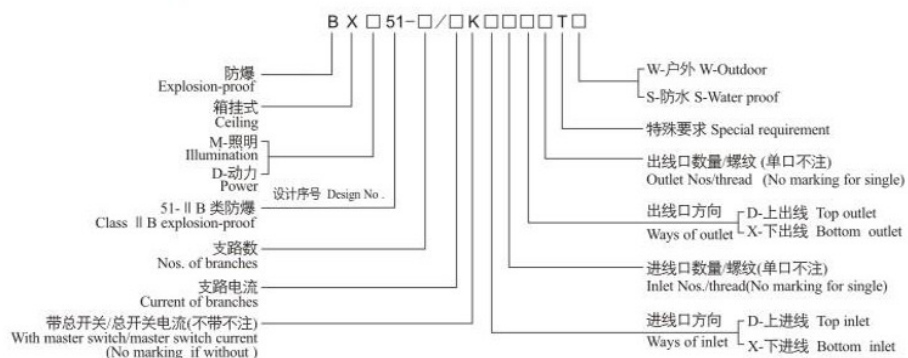
# BX<sub>D</sub><sup>M</sup>□-系列防爆照明(动力)配电箱

BX<sub>D</sub><sup>M</sup>□-Series explosion-proof illumination (power) distribution box

Ex-BTK  
博太科



## 型号含义 Model implication



## 适用范围 Applications

- 1区、2区危险场所;
- II A、II B、II C类爆炸性气体环境;
- 户内、户外(IP54, IP65\*).
- Hazardous: division 1&2;
- Explosive gas atmosphere: class II A, II B, II C;
- Indoor or outdoor(IP54, IP65\*).

## 产品特点 Features

1. 铝合金外壳压铸成型, 表面喷塑, 外形美观;
2. 内装DZ47、NM1及S25□S高分断小型断路器、M611或GV2电动机保护器、CJX2交流接触器、NM1塑壳断路器及信号灯等元件;
3. 具有过载、短路保护功能;
4. 模块结构, 各种回路可根据需要自由组装;
5. 可根据用户要求特制, 如加装电涌保护器、电流表、电压表等;
6. 钢管或电缆布线。
1. Enclosure is cast with aluminium alloy, surface is sprayed with plastic, fine outline;
2. Built-in DZ47, NM1 and S25□S high disjunction mini-circuit breaker, M611 or GV2 motor ptotector, CJX2 contactors, NM1 plastic moulded circuit breaker and signal lamp;
3. With overload and short circuit protection functions;
4. Mould structure, each branch circuit can be assembled freely;
5. It can be made on request, including adding electric surge protector, ammeter and voltmeter and so on ;Also can configure with padlock handles in addition;
6. Wiring with steel tube or cable.

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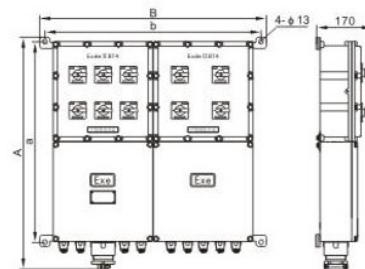
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## 主要技术参数 Main technical parameters

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)	防爆 标志 Ex-mark	管螺纹 Pipe thread		电缆外径 (mm) Cable outer dia. (mm)		防护 等级 Protection grade
							进线 Inlet	出线 Outlet	进线 Inlet	出线 Outlet	
BX <sub>D</sub> <sup>M</sup> □-4	220	10-225	4	1	1	Exde IIB T6/T5/T4	G1	G1/2	Φ 14	Φ 8	IP54
BX <sub>D</sub> <sup>M</sup> □-6			6		2						
BX <sub>D</sub> <sup>M</sup> □-8			8		4						
BX <sub>D</sub> <sup>M</sup> □-10			10		6						
BX <sub>D</sub> <sup>M</sup> □-12			12		10						
BX <sub>D</sub> <sup>M</sup> □-4K			4		16						
BX <sub>D</sub> <sup>M</sup> □-6K			6		20	Exde IIC T6/T5/T4	G3	G1/2	Φ 56	Φ 30	IP65*
BX <sub>D</sub> <sup>M</sup> □-8K			8		25						
BX <sub>D</sub> <sup>M</sup> □-10K			10		32						
BX <sub>D</sub> <sup>M</sup> □-12K			12		40						
					50						
					63						

\*:订购时请提出。Indicate it when ordering.

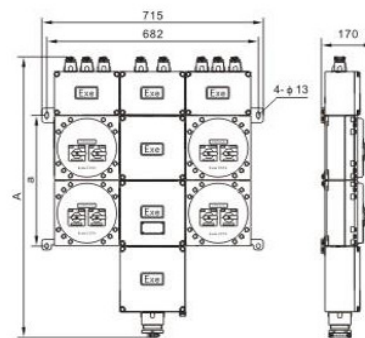
## 外形及安装尺寸 Outline & installation dimensions



BX<sub>D</sub><sup>M</sup>51- 外形及安装尺寸 Outline and mounting dimensions

型号 Type	尺寸 Size (mm)			
	A	B	a	b
BX <sub>D</sub> <sup>M</sup> 51-4	615	381	512	349
BX <sub>D</sub> <sup>M</sup> 51-6	615	381	512	349
BX <sub>D</sub> <sup>M</sup> 51-8	615	683	512	651
BX <sub>D</sub> <sup>M</sup> 51-10	615	683	512	651
BX <sub>D</sub> <sup>M</sup> 51-12	615	683	512	651
BX <sub>D</sub> <sup>M</sup> 51-4K	615	381	512	349
BX <sub>D</sub> <sup>M</sup> 51-6K	615	593	512	561
BX <sub>D</sub> <sup>M</sup> 51-8K	615	683	512	651
BX <sub>D</sub> <sup>M</sup> 51-10K	615	683	512	651
BX <sub>D</sub> <sup>M</sup> 51-12K	615	895	512	863

(20A以内动力回路与照明回路外形尺寸相同) (When the current is within 20A, the outline size of power circuit is the same as the illumination circuit's)



BX<sub>D</sub><sup>M</sup>51- 外形及安装尺寸 Outline and mounting dimensions

型号 Type	尺寸 Size (mm)	
	A	a
BX <sub>D</sub> <sup>M</sup> 51-4	750	210
BX <sub>D</sub> <sup>M</sup> 51-6	750	210
BX <sub>D</sub> <sup>M</sup> 51-8	963	422
BX <sub>D</sub> <sup>M</sup> 51-10	1176	422
BX <sub>D</sub> <sup>M</sup> 51-12	1176	422
BX <sub>D</sub> <sup>M</sup> 51-4K	750	210
BX <sub>D</sub> <sup>M</sup> 51-6K	963	422
BX <sub>D</sub> <sup>M</sup> 51-8K	1176	422
BX <sub>D</sub> <sup>M</sup> 51-10K	1176	422
BX <sub>D</sub> <sup>M</sup> 51-12K	1388	422