BXQ51

Type explosion–proof power (electromagnetic) starter box (Ⅱ B，Ⅱ C)



Application

- Can be used in hazardous areas: Zone 1 and Zone 2
- Can be used in explosive gas atmospheres of Category IIA、IIB and、Ⅱ C where the temperature classification is T1 ~ T6.

Model implication

BXQ 51 –□ □ / □□□□□□□□□□

- Outlet thread specification
- Outlet number
- Outlet direction — D: Upper incoming line; X: Lower incoming line
- Inlet thread specification
- Inlet number
- Inlet direction — D: Upper incoming line; X: Lower incoming line
- Current of main switch
- K: Main switch of main circuit (No matching nout noted)
- Branch current
- Branch number
- T: Special requirement, according to the drawing offered by user
- Design No.
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Technical parameters

- Implementing the standard：GB 3836.1、GB 3836.2、GB 3836.3、IEC60079
- Circuit number: 2、3、4、6、8
- Rated voltage：AC 380
- Main current: ≤400A
- Branch current: ≤160A
- Explosion–proof mark：ExdeⅡBT6、*ExdeⅡCT6
- Protection grade：IP54、*IP65
- Explosion–proof class：WF1
- Inlet thread specification: G1/2"~G3"

Features

- The housing is die cast in aluminum alloy, with high voltage static plastic–sprayed surface.
- Inner components can be selected by user, special design according to user's request.
- Equipped with chief switch, having protections of overload, short circuit.
- Local or remote control is available, or in two differont places.
- Conduit wiring or cable wiring.

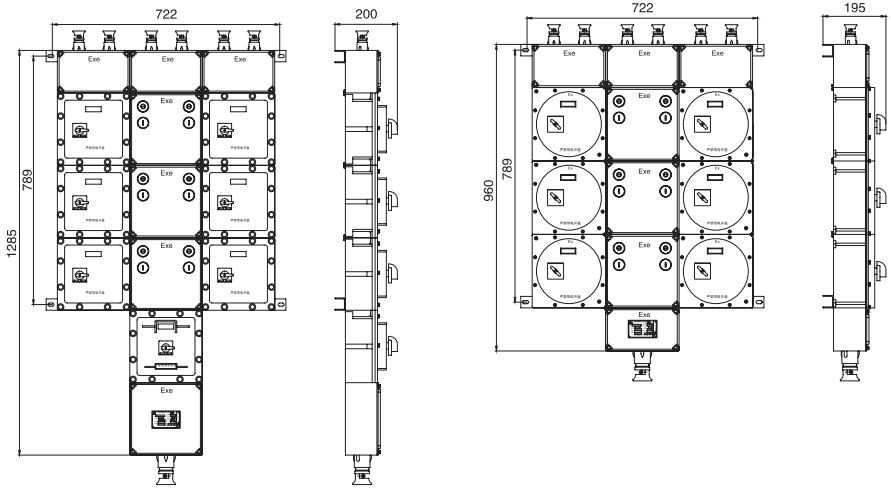
Structure of product

Spectification	Inner cp,[pmemts	Structure type	Remark
Branch current not more than 63A	MCB, AC Contactor Seletor, thermalrelay. Possible to add ammeter and CT as required.	Modular structure, multi ciruits can be freely combined.	Inlet number and specification are determined by user.
Branch current more than 63A	MCCB, AC Contactor Seletor, thermal relay.	Big enclosure combined.	

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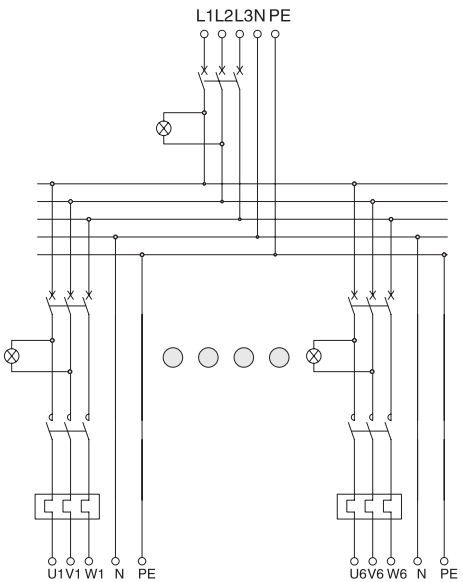
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Outline and mounting example



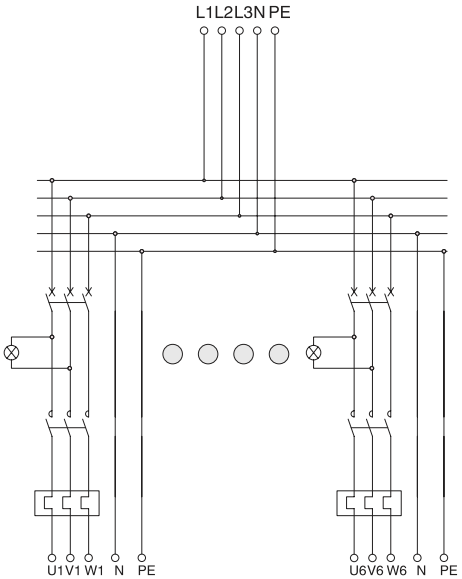
BXQ-6K (IIB)　　BXQ-6 (IIC)

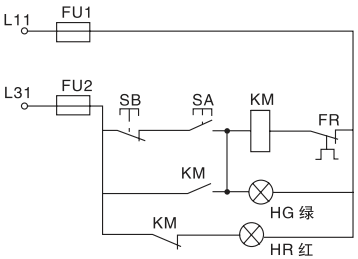
Electrical principle chart



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Sketch of together-controlled circuit

Not ice if ordering

- When placing an order, please indicate the circuit number of distribution box, corresponding current of each circuit, pole number of circuit breaker and so on, and give indication if need earth leakage protection function;
- If need mains switch, please indicate the current and pole number as well as incoming/outgoing lines' direction and thread specification and corresponding number;