BQD53

series flame–proof type,explosion–proof, electromagnetic starter(Ⅱ B、 Ⅱ C)



Application

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

Model implication

BQD 53 – □ / □□

- N reversible (Unreversible not noted)
- Setting current
- Rated current
- Design no
- Explosion–proof electromagnetic starter

Features

- The housing is die cast in aluminum alloy, with high voltage static plastic–sprayed surface.
- Inside is installed AC contactor, thermal relay, self–settable universal conversion switch.
- Able to directly control AC 50Hz, 380V asynchronous motor with theprotection of overload, phase–failure and voltage–absent.
- Conduit wiring or cable wiring.

Technical parameters

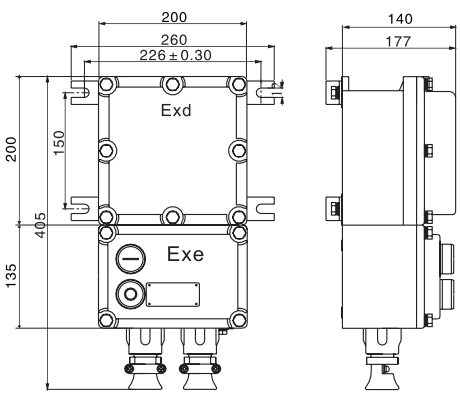
- Implementing the standard: GB 3836.1、GB 3836.2、GB 3836.3、IEC60079
- Rated voltage: AC380V
- Protection grade: IP54、IP65
- Corrosion–proof grade: WF1

BQD53

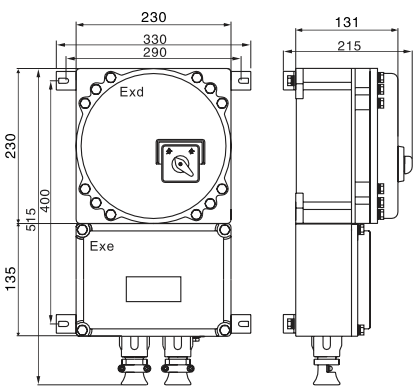
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Type	Rated current	Setting current of thermal relay	Max power of controlled motor	Inlet thread	Cable's outside diameter	Ex–proofmark
BQD53-9/ ☐	9	7~12	4及以下	1	11~18	Exde Ⅱ BT6 Gb *Exde Ⅱ CT6
BQD53-12/ ☐	12	9~13	5.5			
BQD53-18/ ☐	18	12~18	7.5			
BQD53-25/ ☐	25	17~25	11			
BQD53-40/ ☐	40	28~45	18.5			
BQD53-63/ ☐	63	40~63	30	1 1 / 2	14~25	
BQD53-100/ ☐	100	75~120	40			
BQD53-9/ ☐ N	9	7~10	4及以下	1	11~18	
BQD53-12/ ☐ N	12	9~13	5.5			
BQD53-18/ ☐ N	18	12~18	7.5			
BQD53-25/ ☐ N	25	17~25	11			
BQD53-40/ ☐ N	40	28~45	18.5			
BQD53-G20/ ☐	20	0.25~0.40,0.40~0.63,0.63~1,1~1.6, 1.6~2.5,2.5~44~6,5.5~8,7~10,9~13 12~18,17~25,23~32,30~40	10	1	11~18	Exde II B T6
BQD53-G40/ ☐	40		18.5	1 1 / 2	14~25	

Outline and mounting example



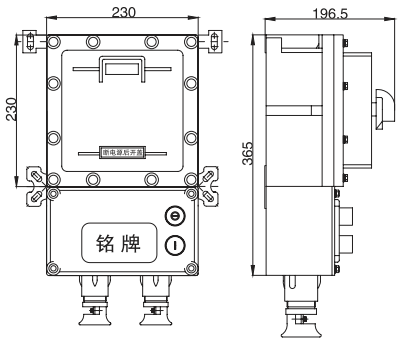
BQD-25



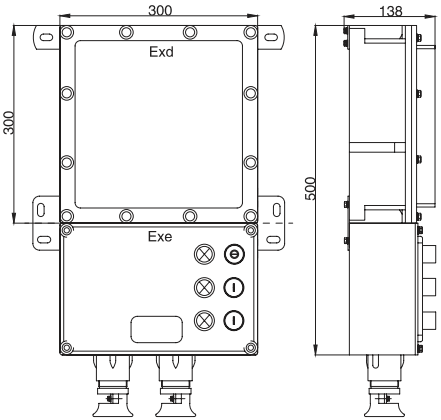
BQD-25(ⅡC)

BQD53

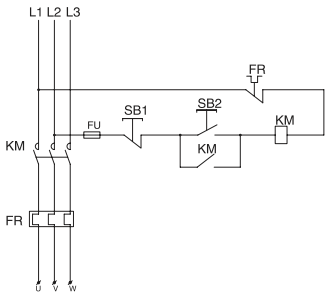
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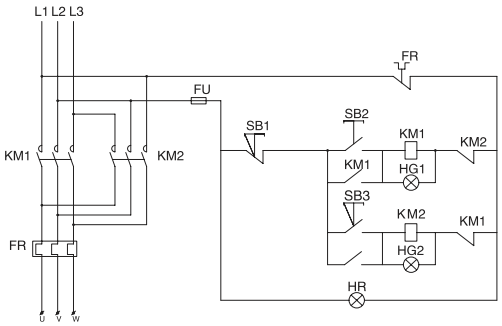
BQD-40



BQD-40N
BQD-60N



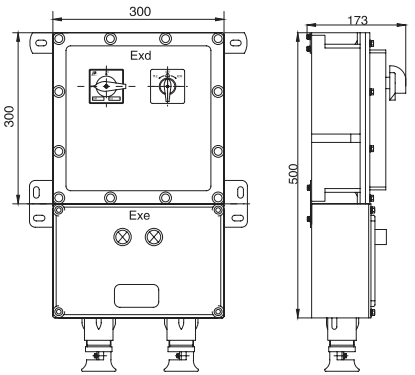
电器原理图(不可逆)



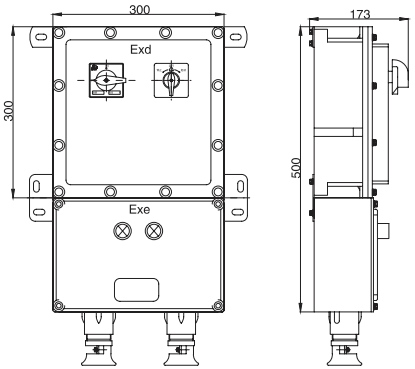
电器原理图(可逆)

BQD53

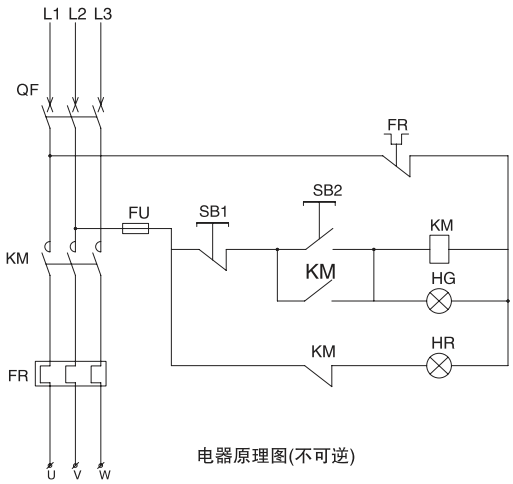
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BQD-G20



BQD-G40



电器原理图(不可逆)

Not ice if ordering

- When placing an order, please indicate the complete model clearly;
- Please note if need Ⅱ C group.
- In the event of specific customization，please contact engineering technical personnel.