



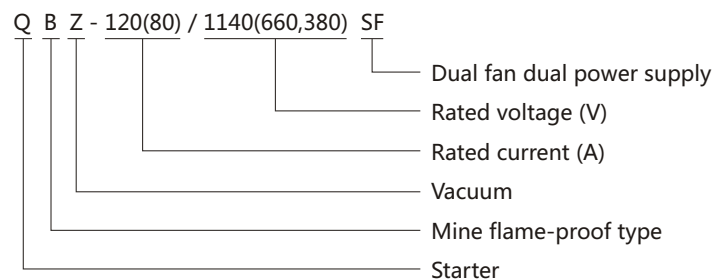
## QBZ-120(80)/1140(660,380)SF

### Mine Explosion-proof Dual Power Vacuum Electromagnetic Starter for Mining Fan Duty

#### 1. Function

This mine explosion-proof dual power vacuum electromagnetic starter is applicable in AC 50hz distribution system with voltage of 1140V, 660V, 380V in underground coal mines with explosive and dangerous gas(methane)and coal dust, it is used to offer automatic switching to dual power supply dual fan and realize master-slave switching over operation mode of dual power supply and dual fan, ensuring uninterrupted ventilation in coal mine for long time, it is the most ideal control equipment dual fan in coal mines especially for mines with heavy gas.

#### 2. Model



### 3. Characteristics

- 3.1 With protective functions for short circuit, loss of phase, leakage lockout, over voltage, over current etc.
- 3.2 With lockout protectiv function for fan and power supply
- 3.3 Two-loop(The fan is general axial-flow fan, and the switch is selective according to user's requirement)
- 3.4 Two-loop switching over time is adjustable

### 4. Technical Parameter

| Model                              | QBZ-120/1140(660,380)SF |        |       | QBZ-80/1140(660,380)SF |        |       |
|------------------------------------|-------------------------|--------|-------|------------------------|--------|-------|
| Rated voltage (kV)                 | 1140                    | 660    | 380   | 1140                   | 660    | 380   |
| Rated current (A)                  | 120                     | 120    | 120   | 80                     | 80     | 80    |
| Max.power of controlled motor (kW) | 175                     | 100    | 55    | 115                    | 65     | 35    |
| Control voltage (V)                | 36                      | 36     | 36    | 36                     | 36     | 36    |
| Leakage lockout value (kΩ)         | 40+20%                  | 22+20% | 7+20% | 40+20%                 | 22+20% | 7+20% |

### 5. Overall Dimension

