QJZ series(6-12circuits)
Mine explosion-proof and intrinsically safe intelligent
multi-circuits vacuum electromagnetic starter

1. Function
It is ideal for mines with explosive gases (Methane) and coals, and it is used in AC 50Hz, 1140(660)V power supply circuit, to control start, stop, reverse rotation and double-switching of 6-12 circuits 3-phase AC asynchronous inductive motors or 3-6 circuits AC double-winding and double-speed motors. It also can protect motors and their power supply circuits. Therefore, when it is integrated in KJ2000 mine electric power automatic control and comprehensive measurement and monitor system to realize automatic control on power supply equipments in mining area. The starter has all English LCD touch screen display that has highly stable performance and is highly reliable for perfect man-machine conversation function.

2. Model

<table>
<thead>
<tr>
<th>Combined circuit number</th>
<th>Rated voltage(V)</th>
<th>Rated current(A)</th>
<th>Vacuum</th>
<th>Mine explosion-proof and intrinsically safe type Starter</th>
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<td>Q J Z □/1140(660)-12</td>
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3. Characteristics
3.1 All English LCD touch screen display;
3.2 Pull-down menu setting;
3.3 Standard RS 485/232 communication interface is attached;
3.4 Various protective functions for over-current, short-circuit, undervoltage, phase loss, current leakage, over-voltage and 3-phase imbalance etc;
3.5 Real-time display of 3-phase current, system voltage, operating status of circuit, on-line status of circuit and fault types etc;
3.6 Function of faults searching and faults recording;
3.7 It is attached in KJ2000 mine electric power automatic control and comprehensive measurement and monitor system to realize telemetry, telecommunication, remote control and remote regulation.

4. Technical Parameter
4.1 Rated voltage: 1140(660)V
4.2 Rated frequency: 50HZ
4.3 Number of circuits: 6-12branches
4.4 Contactor capacity: 400A
4.5 Combination mode:
  a. The six circuits can be combined randomly.
  b. The last two circuits can be combined as standby high-speed circuit and low-speed circuit for double speed switching control to realize double-speed control on four circuits and other two circuits as standby
  c. Control mode: Various control modes such as single-motor and single-speed, multi-motor and single-speed, single-motor and double-speed, double-motor and double-speed, low-speed standby and high-speed standby etc.
4.6 Display mode: Touch screen display
4.7 Others: 127V lighting power supply
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