

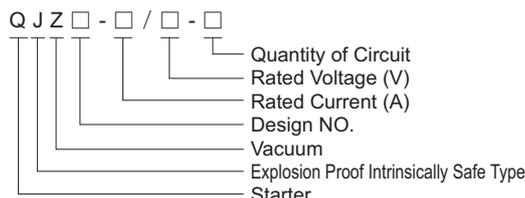
QJZ(2) Mining Explosion Proof Intrinsically Safe Multi-loops Vacuum Electromagnetic Starter



Use

This series starter is used as a starter switch of coalface equipments used in the coal mine where is filled with explosive gas mixture of methane and coal dust, and in neutral point ungrounded three-phase power supply system of AC 50Hz, rated voltage is 3300V, rated current range is 0~2400A. System will shut off power supply automatically and record the fault information when the circuit is overload, short circuit, over voltage or under voltage. System also has leakage latch and test function before switch on, meanwhile, system displays current value and voltage value of each branch circuit. The protection functions of under voltage, overload, phase loss, short and leakage latch are available. The starter can control the motor in the way of single motor, single motor with double speed and double motor with double speed, also the starter can change the motor phase order through the isolated switch. This starter starts/shuts off coal mining machine motor, scraper blade conveyor motor, rubber belt conveyor motor, oil pump motor, cooling fan motor, rubber belt extension motor, rewind motor, crusher motor and transfer conveyor motor. The starter can also protect the motor and power supply circuit to realize the automation in the coalface.

Meaning of Type



Technical Descriptions

1. Protection system and control system adopt advanced PLC with high precision data processing and advanced protection arithmetic, high protection precision, fast feedback speed. Leakage latch, overload, short-circuit, phase break, under voltage and over voltage protection functions are available. These two kinds of system also have advantages of high intelligentized grade, stable performance, various control ways, reliable action, etc.
2. The main circuit of the product is modularized designed with standards, convenient for alternative change.
3. Chinese monitor can indicate working state, parameters and fault type. The protector also has friendly user interface, favorable man-machine communication function to improve efficiency of judging fault and removing fault greatly.
4. Displays updated information such as system voltage, switch state of on/off and three-phase current in each circuit.
5. All analog signals are changed into digital signal which is strong with anti-jamming capability, simple for cable connection, large for information transmission, reliable for control, etc.
6. The system can realize close control, remote control and duplicate speed control. We also can design new control mode according to user's requirement.
7. The system has complete self-check and self-diagnose functions which can check the protection system and the control system is normal or not, meanwhile, it can communicate with host computer.
8. Auxiliary power source: 127V and 220V.
9. The cable can be quickly connected to the input or output mode.
10. Intrinsically safe type RS485 or CAN communication interface is available.

Technical Data

Type	Rated voltage (V)	General current (A)	Quantity of isolation switch	Single circuit current (A)	Dimension(Beyond limitation, with plug inside) W×H×D (mm)	Auxiliary circuit
QJZ-800/3300-2	3300	800	1	400	3004×1192×976	127V,220V 4kVA,1kVA
QJZ-800/3300-4						
QJZ-1600/3300-6		1600	2		3771×1192×976	127V,220V 4kVA,1kVA
QJZ-1600/3300-8						
QJZ-2400/3300-9	3300	2400	3	400	3771×1192×1290	127V,220V 4kVA,1kVA
QJZ-2400/3300-10						
QJZ-2400/3300-11						
QJZ-2400/3300-12						