

QJZ | Mining Explosion Proof Intrinsically Safe Vacuum Electromagnetic Starter



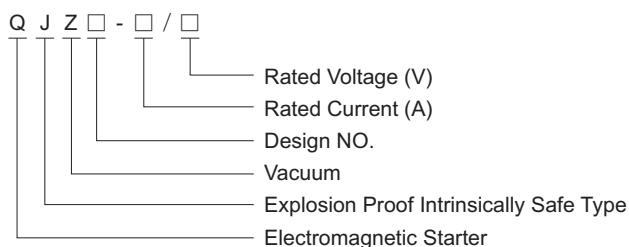
Use

The starter is used for starting/stopping the explosion proof three-phase asynchronous motor which is in the three phase neutral point ungrounded power supply system of AC50Hz, voltage is 1140V, current is 400A, in coal mine or places where are filled with explosive gas such as methane, coal dust and so on. There are two kinds of control mode: remote control and close control, and the starter can exchange phase when the motor stops.

Technical Descriptions

1. Modularized design, rational layout, simple structure, easy for operation and maintenance.
2. The advanced, large-capacity and new type microprocessor (or PLC) has high protection precision and fast response speed, has various protection functions such as leakage latch, under-voltage, over-voltage, three-phase imbalance, over load, short-circuit, wind power latch, gas protection, etc.
3. Malfunction recording function is available.
4. Hardware and software self-test function is available; Malfunction information will be displayed.
5. The system will display three-phase working current value and phase line voltage value, meanwhile, menu, setting parameter value, fault parameter value and test results will be displayed after user pressing the related key.
6. The protector can communicate with host computer of monitor system through RS485 or CAN communication interface to realize remote switch on/off, parameters revising, switch state inspection and check the analog value.

Meaning of Type



Technical Data

Type	Rated current (A)	Rated voltage (V)	Max.power of control motor (kW)			External diameter of cable(Φ mm)		Dimension W×H×D (mm)	Weight (kg)
			380V	660V	1140V	Main circuit	Control circuit		
QJZ6-30	660(380)	30	15	25	-	12~40	8~19	470×593×345	75
QJZ6-60	660(380)	60	30	50	-				
QJZ6-30	1140(660)	30	-	25	45	19~51	8~19		
QJZ6-60	1140(660)	60	-	50	90				
QJZ6-80	1140(660)/660(380)	80	40	65	120				
QJZ6-120		120	60	100	180				
QJZ6-200		200	100	170	300				
QJZ2-200		200	100	170	250				
QJZ2-315	1140(660)/660(380)	315	160	250	380	28~63	9~23	718×814×520	225
QJZ2-400		400	200	340	500				