

■ QJR-400(315, 200)/1140(660) | Mining Explosion Proof Intrinsically Safe AC Vacuum Soft Starter



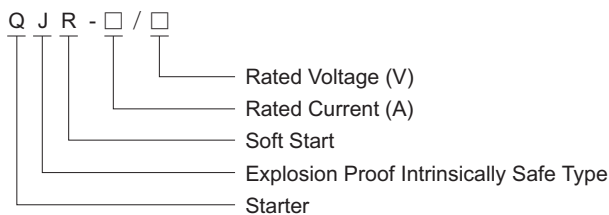
Use

This starter is used for large and medium-sized drive equipment in the foul environment of large load such as coal mine, coal separating plant and port where are filled with explosive gas (methane) and coal dust, etc. In power supply system of AC 50Hz, voltage 1140V, 660V or 380V, it can be used for soft start, current limiting start, full-voltage start, natural stop and soft stop in three-phase squirrel-cage asynchronous motor(0~400A). The starter is designed with various protection functions such as phase protection, under-current and over-current protection, electronic thermal overload protection, imbalance current protection and so on.

Technical Descriptions

1. Adopts advanced microprocessor (including inspection module, protection module and control module) which has features of advanced technology, complete function, stable performance, strong anti-interference capability and reliable operation, etc.
2. Adopts advanced power electronic components to achieve double close loops control of current and speed; the system has functions of soft start, soft-stop, sudden pulse start, start inspection, RS232 communication and so on.
3. Voltage and current data of motor will be displayed.
4. With complete self-diagnose function and protection function, when it starts or stops, has protection functions of temperature, under-voltage, over-voltage, under-current, phase loss, line fault, stall, leakage, thyristor fault etc. Above protection functions ensure soft starter is more reliable when it meets various interference and fault signals come from inside or outside.
5. Alarm function corresponds with fault type, which greatly reduces the workload of maintenance and repair.
6. Simple structure, easy for installment and operation. It can be controlled locally as well as remote control by programmable logic controller(PLC) or other equipments.
7. Communication interface of RS-485 or CAN is available.

Meaning of Type



Technical Data

Type	Rated current (A)	Rated voltage (V)	Time for start (S)	Start voltage (V)	Times of limit current	Motor power (kW)	External diameter of cable(Φ mm)		Dimension W×H×D (mm)	Weight (kg)
							Main circuit	Control circuit		
QJR-400	400	1140	Continuous adjustable time with range of 2s -60s	20-100% of rated voltage	1-8 times of rated current	500	42~78	9~23	850×1020×700	400
		340								
		200								
QJR-315	315	1140								
		660								
		380								
QJR-200	200	1140								
		660								
		170								
		100								