

Briefing of Xiamen Jiaxing Electric Equipment Co., Ltd.

Established in February 1995, Xiamen Jiaxing Electric Equipment Co., Ltd. is specialized in electrical motor protector and motor-protected starter. It's located in the beautiful Xiamen Island. To overcome the shortages of the conventional motor protection devices, and satisfy the customers, JL series of motor protectors in electrical principle are successfully developed after extensively absorbed the worldwide leading technology. JL series of motor protectors are one of the leaders in motor protection industry, classified as National Torch Program project and the State-promoted Energy-saving Mechanical and Electrical Products. It won the national scientific and technological progress awards many times after the comprehensive tests and inspections. Mass of attentions have been paid to JL series of motor protectors by the Chinese Committee Special for Motor Protection and relevant Presses after ovations come from the end users.

'It functions stably, works reliably and launches accurately thanking to its use of innovatory IC and SMD chip. It could replace the conventional thermorelay directly with its general build-in measurement. Its inverse time overload protection or fixed time overload protection could be easily classified by the load current. It protects the motor trustworthily by detecting sensitively the phase failure at start-up or running, imbalanced phases, overload, excess current, less current, stalling, over-voltage, under voltage and other motor faults. It leads motor protection in China.' Good appraisals on the JL series of motor protectors come from the experts at Chinese Academy of Science, State Committee of Science, Chinese Committee Special for Motor Protection, and other 12 units in scientific research field.

By replacing the conventional thermorelay with JL series of motor protectors, QJL series of motor-protected starters are also designed and manufactured.

With the full motor protection functions, both the JL series of motor protectors and QJL series of motor-protected starters are broadly used in kinds of machine-tools, mechanism equipments, switch-control cabinets and so on, discharging faithfully their mission of motor protection in each industry sector, and everywhere, with great contributions on the energy-saving, production efficiency, and social benefits.

Description of JL Motor protectors

Application

JL series of motor protectors are applied to the motor control and startup systems in AC 50-60 HZ and 380V-660V, with the full motor protection functions including phase failure at start-up or running, unbalance, overload, excess current, less current, stalling, over-voltage, under voltage and other motor faults. The JL30DB and JL30DC protectors are also applied to the single-phase motor control and startup system in AC 50-60 HZ and 220V-660V. Please contact us freely for the customized products of special technical requirements, such as the protector for single-phase motor.



Specification

JL30FB

Model	JL30FB
Specification	5A
Applicable Current (A)	2 - 5
Applicable Motor (KW)	100KW above, $I_e > 200A$ Current Transformer should be used.
Size (mm)	73 X 46 X 85

* Inverse time overload protection; Automatically reset;
Control contacts 95.96 NC or NO, Capacity AC380V/1A; Auxiliary relay should be used.

JL30DB

Model	JL30DB			
Specification	3A	6A	25A	30A
Applicable Current (A)	0.25 - 3	0.5 - 6	3 - 25	10 -30
Applicable Motor (KW)	0.15 - 1.5	0.5 - 3	1.5 - 12	8 - 15
Size (mm)	73 X 46 X 85			

* Fixed time overload protection; Automatically reset;
Control contacts 95.96 NC, 95.98 NO, Capacity AC380V/3A, AC240V/5A

JL30DC

Model	JL30DC			
Specification	3A	6A	25A	30A
Applicable Current (A)	0.25 - 3	0.5 - 6	3 - 25	10 -30
Applicable Motor (KW)	0.15 - 1.5	0.5 - 3	1.5 - 12	8 - 15
Size (mm)	73 X 46 X 85			

* Fixed time limit for overloading; Manually reset; Control contacts 95.96 NC, 95.98 NO, Capacity AC380V/3A, AC240V/5A.

JL80FB

Model	JL80FB	
Specification	30A	80A
Applicable Current (A)	10 - 30	20 - 80
Applicable Motor (KW)	8 - 15	15 - 40
Size (mm)	90 x 49 x 89	

* Inverse time overload protection; Automatically reset;

Control contacts 95.96 NC, 95.98 NO, Capacity AC380V/3A, AC240V/5A.

JL80FC

Model	JL80FC	
Specification	30A	80A
Applicable Current (A)	10 - 30	20 - 80
Applicable Motor (KW)	8 - 15	15 - 40
Size (mm)	90 x 49 x 89	

* Inverse time overload protection; Manually reset;

Control contacts 95.96 NC, 95.98 NO, Capacity AC380V/3A, AC240V/5A.

JL160FB

Model	JL160FB			
Specification	80A	120A	160A	200A
Applicable Current (A)	20 - 80	60 - 120	100 - 160	140 - 200
Applicable Motor (KW)	15 - 40	40 - 60	60 - 80	80 - 100
Size (mm)	120 x 55 x 109			

* Inverse time overload protection; Automatically reset;

Control contacts 95.96 NC, 95.98 NO, Capacity AC380V/3A, AC240V/5A.

JL160FC

Model	JL160FC			
Specification	80A	120A	160A	200A
Applicable Current (A)	20 - 80	60 - 120	100 - 160	140 - 200
Applicable Motor (KW)	15 - 40	40 - 60	60 - 80	80 - 100
Size (mm)	120 x 55 x 109			

* Inverse time overload protection; Manually reset;

Control contacts 95.96 NC, 95.98 NO, Capacity AC380V/3A, AC240V/5A.

Advantages

- 1 Energy-saving, dispensing with out-sourced power supply
- 2 Full Protection, Accurate Action, High Reliability
- 3 High Safety, Long Lifespan
- 4 Easy Adjustment with the tuning dial and LED indicators, Excellent Exactness
- 5 Replacing the conventional metal thermo-relay directly with its same build-in measurement in the original motor-control system
- 6 Good matching feature with its wide current-adjustment range of individual unit
- 7 National patented product in technique and lay-out

Why JL Series of motor protectors

- 1 National Torch Program Project
- 2 Qualified by Chinese Relay Quality Supervision, Inspection and Test Centre
- 3 State-promoted energy-saving mechanical and electrical products.
- 4 Nominated Motor Protector by Chinese Electric Engineering Society
- 5 National Patented Product in Working Principle and Lay-out
- 6 National Awards on Scientific and Technological Progress
- 7 Certified by the Quality Supervision Bureau of Fujian Province
- 8 Recommended by Xiamen Energy-saving Centre
- 9 Housing designed in line with the International Standards
- 10 Leadership in China - Validated by the authorized experts
- 11 Replacing the conventional metal thermorelay directly with its same Build-in Measurement with no changes to the original Motor Control System
- 12 Good Matching Feature with its wide current-adjustment range of individual unit
- 13 Free repair or replacement will be offered up to two years from the date of purchase if the product proves to be defective, under proper use and without disassembly and housing damage.
- 14 The investment on the application of the JL series of motor protector will be regained fully in 6 months.

Description of QJL Motor-protected Starters

Application

QJL series of motor-protected starters are applied to the 3-phase motor start-stop (and reversal, if needed) control and protection system in AC 50-60 HZ and 380V-660V, with the full motor protection functions including phase failure at start-up or running, unbalance, overload, excess current, less current, stalling, over-voltage, under voltage and other motor faults. The QJL30DB and QJL30DC protectors are also applied to the single-phase motor control and startup system in AC 50-60 HZ and 220V-660V. Please contact us freely for the customized products of special technical requirements.



Specification

QJL30DB

Model	JL30DB			
Specification	3A	6A	25A	30A
Applicable Current (A)	0.25 - 3	0.5 - 6	3 - 25	10 - 30
Applicable Motor (KW)	0.15 - 1.5	0.5 - 3	1.5 - 12	8 - 15

- Fixed time overload protection, Automatically Reset.

QJL30DC

Model	JL30DC			
Specification	3A	6A	25A	30A
Applicable Current (A)	0.25 - 3	0.5 - 6	3 - 25	10 - 30
Applicable Motor (KW)	0.15 - 1.5	0.5 - 3	1.5 - 12	8 - 15

- Fixed time overload protection, Manually Reset.

QJL80FB

Model	JL80FB	
Specification	30A	80A
Applicable Current (A)	10 - 30	20 - 80
Applicable Motor (KW)	8 - 15	15 - 40

- Inverse time overload protection, Automatically Reset.

QJL160FB

Model	JL160FB			
Specification	80A	120A	160A	200A
Applicable Current (A)	20 - 80	60 - 120	100 - 160	140 - 200
Applicable Motor (KW)	15 - 40	40 - 60	60 - 80	80 - 100

- Inverse time overload protection, Automatically Reset.

Advantages

- 1 Energy-saving, assembled with the state-promoted JL series of motor protectors.
- 2 Full Protection, Accurate Action, High Reliability, High Safety, and Long Lifespan
- 3 Easy Adjustment with the tuning dial and LED indicators, Excellent Exactness
- 4 Good matching feature with its wide current-adjustment range of individual unit
- 5 National patented product in technique and lay-out