MEKELEC

JVL1-63 RCCB

CB CE RoHS

Application scope

JVL1-63 Residual Current Circuit Breaker provide the function of isolation switching and earth leakage protection of electrical circuits. And also provide the indirect protection of the operator's body against the dangerous effects of electric current and provide the protection of the fire caused by the electrical circuit fault.

Standard: IEC61008

Type	JVL1-63 RCCB
Number of poles	2P、4P
Rated Current(In)	25、40、63、80、100A
Rated residual operating current(I△n)	30、100、300、500mA
Rated residual non-operation Current(I△no)	0.5I△n
Rated Voltage(Un)	AC 2P: 230/240V 4P: 400/415V
Residual operating current scope	0.5I△n~I△n
Residual current off-time	≤0.3s
Residual current characteristic	A、AC
Rated short-circuit breaking capacity (Inc)	6000A
Endurance	≥4000
Terminal protection	IP20

- Circumstance temperature -5°C ~ +40°C, average temperature not exceeding 35°C.
- Altitude above sea level less than 2000 m.
- Humidity not exceeding 50% at 40°C and not exceeding 90% at 25°C.
- Installation class II or III.
- Pollution class 2.
- Installation method DIN Rail mounting type.
- The external magnetism shall not be more than 5 times of terrestrial one.
- Product shall be installed vertically at the place where there shall be no severe impact and vibration. The product is switched on when the handle is at upper position.

MEKELEC

KL1 RCCB

Application scope

KL1 Residual Current Circuit Breaker provide the function of isolation switching and earth leakage protection of electrical circuits. And also provide the indirect protection of the operator's body against the dangerous effects of electric current and provide the protection of the fire caused by the electrical circuit fault.

Standard: IEC61008

Type	KL1 RCCB
Number of poles	2p、4p
Rated Current(In)	25、40、63、80、100、125A
Rated residual operating current(I△n)	30、100、300、500mA
Rated Voltage(Un)	AC 230(240) / 400(415)V
Residual operating current scope	0.5I△n~I△n
Residual current off-time	≤0.3s
Residual current characteristic	A、AC
Rated short-circuit breaking capacity (Inc)	6000A
Endurance	≥4000
Terminal protection	IP20

- Circumstance temperature -5°C ~ +40°C, average temperature not exceeding 35°C.
- Altitude above sea level less than 2000 m.
- Humidity not exceeding 50% at 40°C and not exceeding 90% at 25°C.
- Installation class II or III.
- Pollution class 2.
- Installation method DIN Rail mounting type.
- The external magnetism shall not be more than 5 times of terrestrial one.
- Product shall be installed vertically at the place where there shall be no severe impact and vibration. The product is switched on when the handle is at upper position

MEKELEC

JVL16 RCCB

CB CE RoHS

JVL16-63

Application scope

JVL16-63 Residual Current Circuit Breaker provide the function of isolation switching and earth leakage protection of electrical circuits. And also provide the indirect protection of the operator's body against the dangerous effects of electric current and provide the protection of the fire caused by the electrical circuit fault.

Standard：IEC61008

Type	JVL16-63
Number of poles	2P、4P
Rated Current(In)	25、40、63A
Rated residual operating current(I△n)	30、100、300、500mA
Rated residual non-operation Current(I△no)	0.5I△n
Rated Voltage(Un)	AC 230(240)/400(415)V
Residual operating current scope	0.5I△n~I△n
Residual current off-time	≤0.3s
Residual current characteristic	A、AC
Rated short-circuit breaking capacity (Inc)	10000A
Endurance	≥4000
Terminal protection	IP20

JVL16-100

Application scope

JVL16-100 Residual Current Circuit Breaker provide the function of isolation switching and earth leakage protection of electrical circuits. And also provide the indirect protection of the operator's body against the dangerous effects of electric current and provide the protection of the fire caused by the electrical circuit fault.

Standard：IEC61008

Type	JVL16-100
Number of poles	2P、4P
Rated Current(In)	63、80、100A
Rated residual operating current(I△n)	30、100、300、500mA
Rated residual non-operation Current(I△no)	0.5I△n
Rated Voltage(Un)	AC 230(240)/400(415)V
Residual operating current scope	0.5I△n~I△n
Residual current off-time	≤0.3s
Residual current characteristic	AC
Rated short-circuit breaking capacity (Inc)	10000A
Endurance	≥4000
Terminal protection	IP20

MEKELEC

FIN RCCB

Application scope

FIN Residual Current Circuit Breaker provide the function of isolation, switching and earth leakage protection of election of electrical circuits. And also provide the indirect protection of the operator's body against the dangerous effects of electric current and provide the protection of the fire caused by the electrical circuit fault. The product opens a circuit automatically in the event of an earth fault between phase and earth and/or neutral and earth. The product is suitable for domestic, commercial and industrial application.

Standard：IEC61008

Type	FIN
Number of poles	2P、4P
Rated Current(In)	25、40、63A
Rated residual operating current(I△n)	30、100、300、500mA
Rated residual non-operation Current(I?△n)	0.5I△n
Rated Voltage(Un)	AC 230(240)/400(240) V
Residual current off-time	≤0.1s
Residual current characteristic	AC
Rated short-circuit breaking capacity(Inc)	6000A
Endurance	≥ 4000
Terminal protection	IP20

- Circumstance temperature -5°C ~ +40°C, average temperature not exceeding 35°C .
- Altitude above sea level less than 2000 m.
- Humidity not exceeding 50% at 40°C and not exceeding 90% at 25°C .
- Installation class II or III.
- Pollution class II.
- Installation method DIN Rail mounting type.
- The external magnetism shall not be more than 5 times of terrestrial one.
- Product shall be installed vertically at the place where there shall be no severe impact and vibration. The product is switched on when the handle is at upper position.

MEKELEC

FI-100 RCCB

Application scope

FI-100 Residual Current Circuit Breaker provide the function of isolation switching and earth leakage protection of electrical circuits. And also provide the indirect protection of the operator's body against the dangerous effects of electric current and provide the protection of the fire caused by the electrical circuit fault.

Standard: IEC61008

Type	FI-100
Number of poles	2P、4P
Rated Current(In)	63、80、100、125A
Rated residual operating current(I△n)	100、300、500mA
Rated residual non-operation Current(I△n)	0.5I△n
Rated Voltage(Un)	AC 230(240)400(415) V
Residual current off-time	≤0.1s
Residual current characteristic	AC
Rated short-circuit breaking capacity(Inc)	6000A
Endurance	≥ 4000
Terminal protection	IP20

- Circumstance temperature -5°C~ +40°C , average temperature not exceeding 35°C.
- Altitude above sea level less than 2000 m.
- Humidity not exceeding 50% at 40°C and not exceeding 90% at 25°C.
- Installation class II or III.
- Pollution class II.
- Installation method DIN Rail mounting type.
- The external magnetism shall not be more than 5 times of terrestrial one.
- Product shall be installed vertically at the place where there shall be no severe impact and vibration. The product is switched on when the handle is at upper position.

MEKELEC

KL3-32 RCCB

Application scope

KL3-32 Residual Current Circuit Breaker provide the function of isolation switching and earth leakage protection of electrical circuits. And also provide the indirect protection of the operator's body against the dangerous effects of electric current and provide the protection of the fire caused by the electrical circuit fault.

Standard： GB16916 IEC61008

Type	KL3-32 RCCB
Number of poles	1P+N
Rated Current(In)	20、32A
Rated operating current(I△n)	10、15mA
Rated Voltage(Un)	AC 230(240) V
Residual operating current scope	0.5I△n~I△n
Residual current off-time	≤0.3s
Residual current characteristic	AC
Rated short-circuit breaking capacity (Inc)	1500A
Endurance	≥4000
Terminal protection	IP20

- Circumstance temperature -5°C ~ +40°C, average temperature not exceeding 35°C.
- Altitude above sea level less than 2000 m.
- Humidity not exceeding 50% at 40°C and not exceeding 90% at 25°C.
- Installation class II or III.
- Pollution class 2.
- Installation method DIN Rail mounting type.
- The external magnetism shall not be more than 5 times of terrestrial one.
- Product shall be installed vertically at the place where there shall be no severe impact and vibration. The product is switched on when the handle is at upper position.

MEKELEC

KL11-32 RCBO

Application scope

Protection against the effects of earth leakage overload and short circuit currents.

2P switching of PH&N, Phase only protected against overloads and short circuits.

In commercial, industrial and domestic electrical distribution systems.

Note: must mot be used as the sole means of providing protection against direct contact.

The RCBO incorporates a residual current operated electromagnetic release which operates without any auxiliary source of supply to open a circuit automatically in the case of an earth leakage fault between phase and earth greater than or equal to In. The RCBO combined MCB&RCCB provides:

Protection against indirect contact

Complementary protection against direct contact

Protection for the installation against in solution faults

Standard：GB16917 IEC61009

Type	KL11-32 RCBO
Number of poles	1P+N
Rated Current(In)	6、10、16、20、25、32A
Rated operating current(I△n)	30、100mA
Rated Voltage(Un)	AC 230(240) V
Residual operating current scope	0.5I△n~I△n
Residual current off-time	≤0.3s
Residual current characteristic	AC
Rated short-circuit breaking capacity (Inc)	10000A (10KA)
Endurance	≥4000
Terminal protection	IP20

◆ Circumstance temperature -5°C~ +40°C, average temperature not exceeding 35°C.

◆ Altitude above sea level less than 2000 m.

◆ Humidity not exceeding 50% at 40°C and not exceeding 90% at 25°C.

◆ Installation class II or III.

◆ Pollution class II.

◆ Installation method DIN Rail mounting type.

◆ The external magnetism shall not be more than 5 times of terrestrial one.

◆ Product shall be installed vertically at the place where there shall be no severe impact and vibration. The product is switched on when the handle is at upper position.

MEKELEC

KL8-63 RCBO

Application scope

KL8-63 A type, is suitable to be applied AC 50Hz with 400V rating voltage, and no more 63A rating current, neutral conductor. It is mainly for human protection from electric shock as well as security to buildings and electrical circuits. More than this, breaker can prevent hazard of fire cause by ground fault current from damaged insulators.

Standard： GB16916 IEC61008

Type	KL8L-63 RCBO
Number of poles	1N、2P、3P、3N、4P
Rated Current(In)	10,16,20,25,32,40,50,63A
Rated residual operating current(I △ n)	AC 230(240)/400(415)V
Rated residual non-operation Current(I △ n)	30、100、300、500mA
Rated Voltage(Un)	0.5I△n~I△n
Residual current off-time	≤0.3s
Residual current characteristic	A、AC
Rated short-circuit breaking capacity(Inc)	6000A
Endurance	≥ 4000
Terminal protection	IP20

- Circumstance temperature -5°C ~ +40°C, average temperature not exceeding 35°C.
- Altitude above sea level less than 2000 m.
- Humidity not exceeding 50% at 40°C and not exceeding 90% at 25°C.
- Installation class II or III.
- Pollution class II.
- Installation method DIN Rail mounting type.
- The external magnetism shall not be more than 5 times of terrestrial one.
- Product shall be installed vertically at the place where there shall be no severe impact and vibration. The product is switched on when the handle is at upper position

MEKELEC

DZ47L-63E RCBO

CB CE RoHS

Application scope

DZ47L-63E residual current circuit breaker with over-current protection simply fits onto the right hand side of any DZ47 miniature circuit breaker which forms DZ47LE to provide a high level of protection against earth leakage faults in addition to the overload and over current protection by the MCB alone.

Standard: GB16916 IEC61008

Type	DZ47L-63E RCBO
Number of poles	1P、2P、3P、4P
Rated Current(In)	6、10、16、20、25、32、40、50、63A
Rated residual operating current(I △ n)	AC 230(240)/400(415)V
Rated residual non-operation Current(I △ n)	30、100、300、500mA
Rated Voltage(Un)	0.5I△n~I△n
Residual current off-time	≤0.3s
Residual current characteristic	AC
Rated short-circuit breaking capacity(Inc)	6000A
Endurance	≥ 4000
Terminal protection	IP20

- Circumstance temperature -5°C ~ +40°C, average temperature not exceeding 35°C.
- Altitude above sea level less than 2000 m.
- Humidity not exceeding 50% at 40°C and not exceeding 90% at 25°C.
- Installation class II or III.
- Pollution class II.
- Installation method DIN Rail mounting type.
- The external magnetism shall not be more than 5 times of terrestrial one.
- Product shall be installed vertically at the place where there shall be no severe impact and vibration. The product is switched on when the handle is at upper position

MEKELEC

KL5-40 RCBO

Application scope

Protection against the effects of earth leakage overload and short circuit currents.

2P switching of PH&N, Phase only protected against overloads and short circuits.

In commercial, industrial and domestic electrical distribution systems.

Note: must mot be used as the sole means of providing protection against direct contact.

The RCBO incorporates a residual current operated electromagnetic release which operates without any auxiliary source of supply to open a circuit automatically in the case of an earth leakage fault between phase and earth greater than or equal to In. The RCBO combined MCB&RCCB provides:

Protection against indirect contact

Complementary protection against direct contact

Protection for the installation against in solution faults

Standard：GB16916 IEC61009

Type	KL5-40
Number of poles	1P+N
Rated Current(In)	6、10、16、20、25、32、40A
Rated residual operating current(I △ n)	30、100mA
Rated residual non-operation Current(I △ n)	AC 230(240) V
Rated Voltage(Un)	0.5I△n~I△n
Residual current off-time	0.≤0.3s
Residual current characteristic	AC
Rated short-circuit breaking capacity(Inc)	6000A
Endurance	≥4000
Terminal protection	IP20

- Circumstance temperature -5°C ~ +40°C, average temperature not exceeding 35°C.
- Altitude above sea level less than 2000 m.
- Humidity not exceeding 50% at 40°C and not exceeding 90% at 25°C.
- Installation class II or III.
- Pollution class II.
- Installation method DIN Rail mounting type.
- The external magnetism shall not be more than 5 times of terrestrial one.
- Product shall be installed vertically at the place where there shall be no severe impact and vibration. The product is switched on when the handle is at

MEKELEC

KL16-32 RCBO

Application scope

Elegant appearance; cover and handle in arc shape make comfortable operation.
Contact position indicating window
Transparent cover designed to carry label.
In case of overload to protected circuit, RCBO handle trips and stays at central position, which enables a quick solution to the faulty line. The handle cannot stay in such position when operated manually.
MCB handle can be locked either at "ON" position or at "OFF" position to prevent unwanted operation of the product.
Provides protection against earth fault/leakage current, short-circuit and overload
High short-circuit capacity
Provides complementary protection against direct contact by human body.
Effectively protects electric equipment against insulating failure
Contact position indication
Provides protection against over-voltage

Standard: GB16916 IEC61009

Type	KL16-32 RCBO
Number of poles	1P+N
Rated Current(In)	1、2、3、4、6、10、16、20、25、32A
Rated residual operating current(I △ n)	30、100、300mA
Rated residual non-operation Current(I △ n)	AC 230(240) V
Rated Voltage(Un)	0.5I△n~I△n
Residual current off-time	≤0.3s
Residual current characteristic	AC
Rated short-circuit breaking capacity(Inc)	10000A(10KA)
Endurance	≥4000
Terminal protection	IP20

- Circumstance temperature -5°C~ +40°C , average temperature not exceeding 35°C.
- Altitude above sea level less than 2000 m.
- Humidity not exceeding 50% at 40°C and not exceeding 90% at 25°C.
- Installation class II or III.
- Pollution class 2.
- Installation method DIN Rail mounting type.
- The external magnetism shall not be more than 5 times of terrestrial one.
- Product shall be installed vertically at the place where there shall be no severe impact and vibration. The product is switched on when the handle is at upper position

MEKELEC

DZ30L RCBO

Application scope

The products provide protection against earth leakage faults, overloads, short circuits and overvoltage in commercial and domestic installation.
The RCBO with both disconnected neutral and phase guarantees its proper actuation against earth leakage faults even when the neutral and phase are wrong connected.
The electronic RCBO incorporate a filtering device preventing the risks of unwanted due to transient voltages and transient currents.
Positive contact indication in accordance with 16th edition of the IEE wiring regulations

Standard: GB16917 IEC61009

Type	DZ30L RCBO
Number of poles	1P+N
Rated Current(In)	6、10、16、20、25、32A
Rated residual operating current(I △ n)	30、100、300mA
Rated residual non-operation Current(I △ n)	AC 230(240) V
Rated Voltage(Un)	0.5I△n~I△n
Residual current off-time	≤0.3s
Residual current characteristic	AC
Rated short-circuit breaking capacity(Inc)	4500A
Endurance	≥ 4000
Terminal protection	IP20

- Circumstance temperature -5°C ~ +40°C, average temperature not exceeding 35°C.
- Altitude above sea level less than 2000 m.
- Humidity not exceeding 50% at 40°C and not exceeding 90% at 25°C.
- Installation class II or III.
- Pollution class II.
- Installation method DIN Rail mounting type.
- The external magnetism shall not be more than 5 times of terrestrial one.
- Product shall be installed vertically at the place where there shall be no severe impact and vibration. The product is switched on when the handle is at upper position.

MEKELEC

KL7 RCD

Application scope

KL7 Residual Current Device provide the function of isolation switching and earth leakage protection of electrical circuits. And also provide the indirect protection of the operator's body against the dangerous effects of electric current and provide the protection of the fire caused by the electrical circuit fault.

Standard: IEC61008

Type	KL7 RCD
Number of poles	2P、4P
Rated Current(In)	25、40、63A
Rated residual operating current(I △ n)	30、100、300、500mA
Rated residual non-operation Current(I △ n)	0.5I△n
Rated Voltage(Un)	AC 230(240)/400(415) V
Residual current off-time	≤0.1s
Residual current characteristic	AC
Rated short-circuit breaking capacity(Inc)	10000A
Endurance	≥ 4000
Terminal protection	IP20

- Circumstance temperature -5°C~ +40°C , average temperature not exceeding 35°C.
- Altitude above sea level less than 2000 m.
- Humidity not exceeding 50% at 40°C and not exceeding 90% at 25°C.
- Installation class II or III.
- Pollution class II.
- Installation method DIN Rail mounting type.
- The external magnetism shall not be more than 5 times of terrestrial one.
- Product shall be installed vertically at the place where there shall be no severe impact and vibration. The product is switched on when the handle is at upper position.

MEKELEC

KL4-63 RCD

Application scope

KL4-63 Residual Current Circuit Breaker provide the function of isolation switching and earth leakage protection of electrical circuits. And also provide the indirect protection of the operator's body against the dangerous effects of electric current and provide the protection of the fire caused by the electrical circuit fault.

Standard： IEC61008

Type	KL4-63 RCD
Number of poles	2P、4P
Rated Current(In)	25、40、63A
Rated residual operating current(I △ n)	30、100、300、500mA
Rated residual non-operation Current(I △ n)	0.5I△n
Rated Voltage(Un)	AC 230(240)/400(415) V
Residual current off-time	≤0.1s
Residual current characteristic	AC
Rated short-circuit breaking capacity(Inc)	6000A
Endurance	≥ 4000
Terminal protection	IP20

- Circumstance temperature -5°C~ +40°C , average temperature not exceeding 35°C.
- Altitude above sea level less than 2000 m.
- Humidity not exceeding 50% at 40°C and not exceeding 90% at 25°C.
- Installation class II or III.
- Pollution class II.
- Installation method DIN Rail mounting type.
- The external magnetism shall not be more than 5 times of terrestrial one.
- Product shall be installed vertically at the place where there shall be no severe impact and vibration. The product is switched on when the handle is at upper position.

MEKELEC

KL2-63 RCD

Application scope

KL2 Residual Current Device provide the function of isolation switching and earth leakage protection of electrical circuits. And also provide the indirect protection of the operator's body against the dangerous effects of electric current and provide the protection of the fire caused by the electrical circuit fault.

Standard: IEC61008

Type	KL2 RCD
Number of poles	2P、4P
Rated Current(In)	25、40、63、80、100A
Rated residual operating current(I △ n)	30、100、300、500mA
Rated residual non-operation Current(I △ n)	0.5I△n
Rated Voltage(Un)	AC 230(240)/400(415) V
Residual current off-time	≤0.1s
Residual current characteristic	AC
Rated short-circuit breaking capacity(Inc)	6000A
Endurance	≥ 4000
Terminal protection	IP20

- Circumstance temperature -5°C~ +40°C , average temperature not exceeding 35°C.
- Altitude above sea level less than 2000 m.
- Humidity not exceeding 50% at 40°C and not exceeding 90% at 25°C.
- Installation class II or III.
- Pollution class II.
- Installation method DIN Rail mounting type.
- The external magnetism shall not be more than 5 times of terrestrial one.
- Product shall be installed vertically at the place where there shall be no severe impact and vibration. The product is switched on when the handle is at upper position.

MEKELEC

KL9-63,KL10-63,KL12-63 RCD

KL9-63

KL10-63

KL12-63

Application scope

KL9-63、KL10-63、KL12-63 Residual Current Circuit Breaker provide the function of isolation switching and earth leakage protection of electrical circuits. And also provide the indirect protection of the operator's body against the dangerous effects of electric current and provide the protection of the fire caused by the electrical circuit fault.

Standard： IEC61008

Type	KL9-63、KL10-63、KL12-63 RCD
Number of poles	2P、4P
Rated Current(In)	25、40、63A
Rated residual operating current(I△n)	30、100、300、500mA
Rated residual non-operation Current(I△no)	0.5I△n
Rated Voltage(Un)	AC 2P: 230/240V 4P: 400/415V
Residual operating current scope	0.5I△n~I△n
Residual current off-time	≤0.3s
Residual current characteristic	AC
Rated short-circuit breaking capacity (Inc)	6000A
Endurance	≥4000
Terminal protection	IP20

- Circumstance temperature -5°C ~ +40°C, average temperature not exceeding 35°C.
- Altitude above sea level less than 2000 m.
- Humidity not exceeding 50% at 40°C and not exceeding 90% at 25°C.
- Installation class II or III.
- Pollution class 2.
- Installation method DIN Rail mounting type.
- The external magnetism shall not be more than 5 times of terrestrial one.
- Product shall be installed vertically at the place where there shall be no severe impact and vibration. The product is switched on when the handle is at upper position.