

Specification

This type of trip coil mainly apply on circuit breaker as a circuit breaker switch on the control module. This type of closing coil (points closing electromagnet) is a core-driven, mainly by the coil, moving core, mounting base, the return spring and so on. The specialty is perfect manufacture, reliable performance, long life, high temperature.



- 1. a part on circuit breaker
- 2. use on medium & high voltage
- 3. good quality
- 4. good after-sale service

Parameters of trip coil

Type	Magnetic
voltage	DC 110V
Material	Hard magnetic material
Mechanical	100000 times

solenoid coil for circuit breaker and switchgear

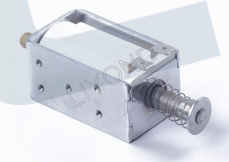
Solenoid coil is a mechanism sticking the closing operation of circuit breaker. When charged, it can retract to operate closing. When uncharged, it can pop up to prevent the closing operation.

Specification

This type of solenoid coil mainly apply on circuit breaker (type: ZN63) VS1 and PT handcart as a circuit breaker switch on the control module.

This type of closing coil (points closing electromagnet) is a core-driven, mainly by the coil, moving core, mounting base, the return spring and so on.

The specialty is perfect manufacture, reliable performance, long life, high temperature.



- 1. a part on circuit breaker VS1 (ZN63-12), PT handcart
- 2. use on medium & high voltage
- 3. good quality
- 4. good after-sale service

Parameters of solenoid coil

Type	Magnetic
voltage	AC 220V / DC 110V
Application	On circuit breaker ZN63 (VS1), PT handcart
Mechanical	100000 times

Specification

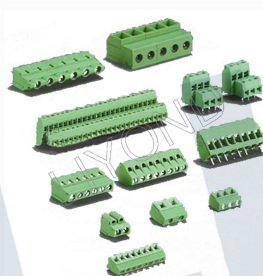
Feedthrough modular terminal block



1. Terminal block with universal mounting feet which can be installed on the PCB Boards.
2. Closed screw pilot holes to ensure ideal screwdriver operation .
3. For a plurality of cross-sectional level of terminals equipped with a unified attachments, such as the end plates, packet separator.
4. Potential distribution through a fixed bridge or insert line access terminals central cavity side plug -in bridge .
5. Terminal block: With general-purpose mounting feet, can be installed on computers telephones etc.
6. Closed bolt leading hole will not only facilitate operation of screw-drivers, also prevent the bolt from dropping out.
7. Electric potential distribution is realized by connecting central adapter to the center of terminal or inserting a side adapter to the cone jack.
8. General auxiliaries, such as the end plate, segment spacer, and spacer, are attached for terminal with multiple sections.
9. The insulating shell is made if imported engineering plastic-polyamide Nylon 66(PA66). It is of high mechanical intensity, good electric property, and super flexibility.
10. Two ends on the top with white marking system to realize uniformed sign.
11. Lifetime: 15 years
12. OEM acceptable.

Specification

Connection Terminal for Vacuum Breaker



1. Connection terminal universal mounting feet which can be installed on the PCB Boards.
2. Closed screw pilot holes to ensure ideal screwdriver operation .
3. For a plurality of cross-sectional level of terminals equipped with a unified attachments, such as the end plates, packet separator.
4. Potential distribution through a fixed bridge or insert line access terminals central cavity side plug -in bridge .
5. Connection terminal: With general-purpose mounting feet, can be installed on computers telephones etc.
6. Closed bolt leading hole will not only facilitate operation of screw-drivers, also prevent the bolt from dropping out.
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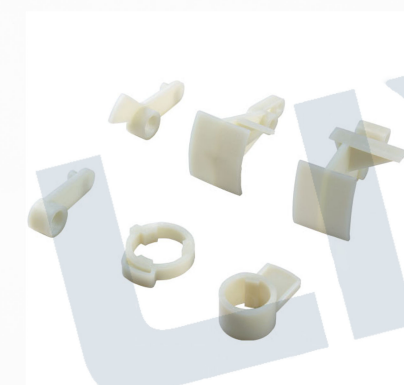
Specification

This **sign card** made of high strength plastic by compression moulding. It has high plasticity, no cracking, suit for many kinds of environment. Opening and closing instructions and storage instructions marks use silk screen print, green for opening and closing, yellow for the energy storage, with difficult detachment characteristics.

Main technical data

Material	plastic
Install	indoor
Pole	3P
Mechanical life	30000 times
Application	ZN63A(VS1) circuit breaker

Mechanical data required for matching vacuum switchgear



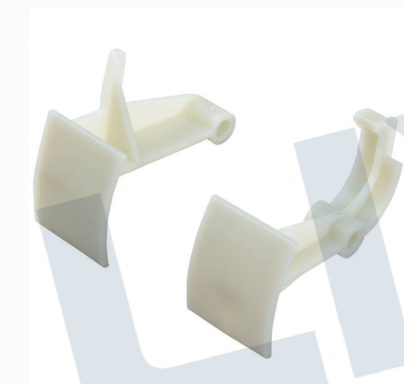
Specification

This **ZN63 indicator** made of high strength plastic by compression moulding. It has high plasticity, no cracking, suit for many kinds of environment. Opening and closing instructions and storage instructions marks use silk screen print, green for opening and closing, yellow for the energy storage, with difficult detachment characteristics.

Main technical data

Material	plastic
Install	indoor
Pole	3P
Mechanical life	30000 times
Application	ZN63A(VS1) circuit breaker

Mechanical data required for matching vacuum switchgear



Specification

This **circuit breaker indicator** made of high strength plastic by compression moulding. It has high plasticity, no cracking, suit for many kinds of environment. Opening and closing instructions and storage instructions marks use silk screen print, green for opening and closing, yellow for the energy storage, with difficult detachment characteristics.

Main technical data

Material	plastic
Install	indoor
Pole	3P
Mechanical life	30000 times
Application	ZN63A(VS1) circuit breaker

Mechanical data required for matching vacuum switchgear

Vacuum interrupter for circuit breaker

Specification

Vacuum interrupter for circuit breaker

Vacuum interrupter is a core part apply on medium and high voltage switchgear. We supply many types. (250A, 2.5KA), (400A, 4KA), (400A, 6.3KA), (630A, 6.3KA), (1250A, 2.5KA), (1250A, 4KA), (1250A, 6.3KA)



Main technical data

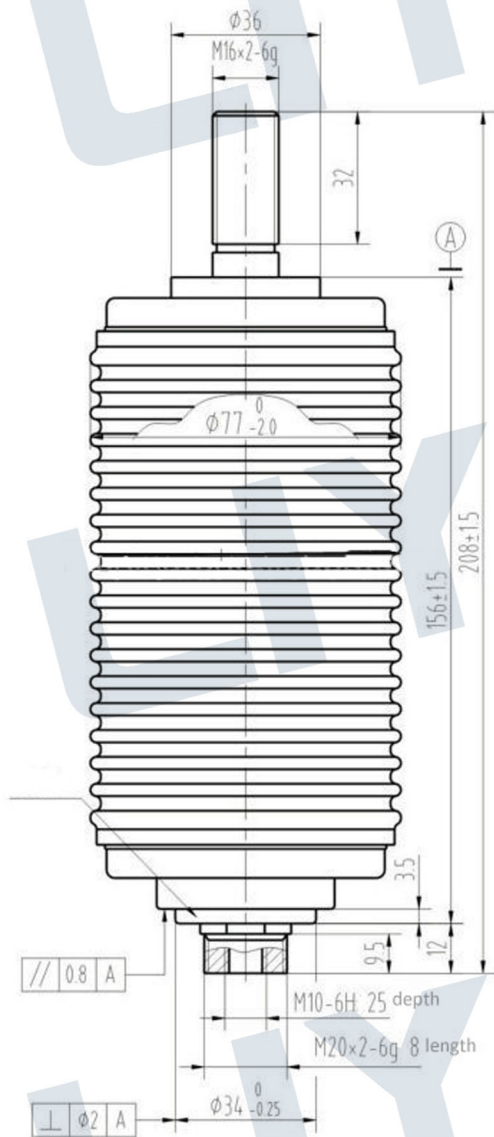
Rated voltage	12kV
Rated current	250/400/630A
Rated frequency	50Hz
Rated short-time power frequency withstand voltage(1 min)	42kV
Rated lighting impulse withstand voltage	75kV
Rated making current	2.5/4.0/6.3kA
Rated breaking current,max	2.0/3.2/5.0kA
Rated breaking current,min	50/80/125A
Rated making current,limit	2.5/4.0/6.3kA
Rated short-time withstand current	2.5/4.0/6.3kA
Rated duration of short-circuit	4s
Mechanical life	30* 10 ⁴ times
Electricity life AC-3	25* 10 ⁴ times
Electricity life AC-4	10* 10 ⁴ times
Rated contact stroke	6±1mm

Contact closing force due to bellows and atmosphere	70±30N
Counter force at rated contact stroke	110±40N
Circuit resistance at rated contact atmosphere force	≤55μΩ
Shelf life	20 years
Contact erosion limit	3mm
Weight of moving parts	≤0.4kg

Mechanical data required for matching vacuum switchgear

Added contact force	110±10N
Average opening speed	0.6±0.2m/s
Average closing speed	0.3±0.1m/s
Contact bouncing duration at closing operation	≤2ms
Contact bouncing bank amplitude of opening operation	≤2mm
Three-pole simultaneity	≤1ms

Drawing



Oil buffer for ZN63A(VS1) vacuum circuit breaker

Specification

Oil buffer for ZN63A(VS1) vacuum circuit breaker

This type of oil buffer is applied on ZN63A(VS1) vacuum circuit breaker with characteristics of stable and reliable, small volume, light weight and long life.

1. The main structure of oil buffer is noumenon, axis, bearings, inner tube, piston, springs and other components. When axial piston driven by external shocks will squeeze the inner tube hydraulic oil, hydraulic oil discharged to drain hole after pressure while the hydraulic oil is discharged from the inner tube back into the oil return hole; when the external force disappears, the spring piston spring back to wait for the next operation of the start point . So the principle, hydraulic buffers will be able to move objects in a balanced and effective stop.

2. The elimination of non-mechanical motion of vibration and impact damage.

3. Significantly reduce noise, providing a quiet working environment.

4. Speed mechanical actuation frequency, increase

5. High-efficiency production of high quality products.

6. A longer life, reduced service.



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Parameters

Main technical data

Brand	Liyond
Rated frequency	50Hz / 60Hz
Rated voltage	12kV / 24kV
Rated current	630A-1250A
Rated insulation voltage	10000V
pole	3P
Mechanical life	200000 times
Material	Cooper alloy
Application	On ZN63A(VS1) circuit breaker
customized service	OEM