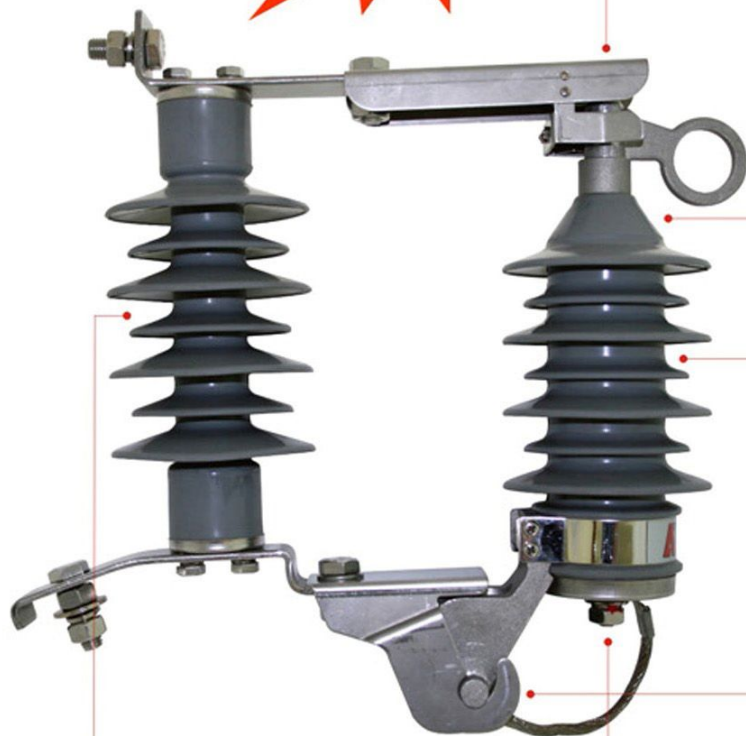


6~10kV配电或电站用可带电更换防爆自动脱离型金属氧化物避雷器特点(专利型)

The characteristics of 6-10kV replaceable on line explosion-preventing and auto-separating arrester for transmission system and power station(patent)



YH5W^S/_Z-17/⁵⁰/₄₅SPET可带电更换防爆自动脱离型
金属氧化物避雷器(专利型)

Replaceable On Line Explosion-preventing And Auto-separating
Metal-oxide Arrester (patent)

免维护、免检修、可带电更换 Free of maintenance and inspection, replaceable on line

降低检修维护更换避雷器所花费的人力物力，减少运行人员寻找故障避雷器的工作压力。

Lower the cost of labour and material resource for inspecting and maintenance. Reducing the working pressure for checking the fault.

保护性能优异 Excellent protecting performance

在任何强雷电流下，两端电压差都低于该系统基准绝缘水平(BIL)。

Under any strong current, the voltage difference between the two ends are lower than the BIL of this power system.

防止粉碎性爆炸 Preventing smashing explosion

避免由于避雷器爆炸引起相间、相对地短路和伤及设备及人身安全。

Avoid hurting the equipments and body-safety if exploded.

品质优良 Good quality

避雷器支架采用304号不锈钢制造，防锈能力强。

The bracket of arrester is made of 304# stainless steel with strong property of rusty against.

绝缘水平高 High insulating lever

绝缘子雷电冲击绝缘水平达到210kV。

The insulating lever of insulator reach 210kV under the lightning impulsion.

自动脱离功能 Auto-separating function

避雷器在长期运行自然老化或因雷击及过电压而遭受损坏时都能可靠动作，避免了电力系统永久性接地故障。

The arrester can work reliably if damaged by natural aging in long term operation, thunder & lightning suffered or over-voltage. Avoiding the power system is in permanent earthing fault.

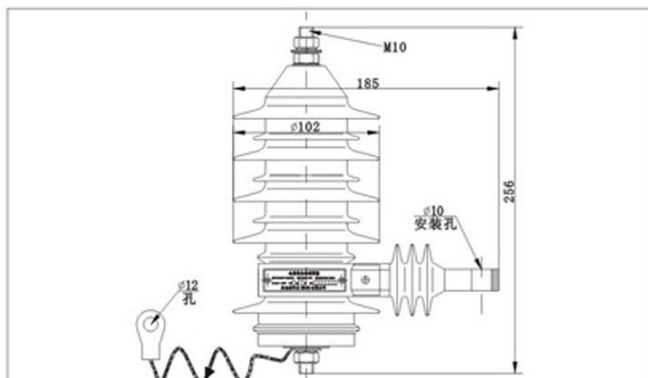


(专利型)

户外型
Outdoor

户内型
Indoor

YH5W_Z^S-17/50 SPE防爆自动脱离型金属氧化物避雷器(专利型)
Explosion-preventing And Auto-separating Metal-oxide Arrester (patent)



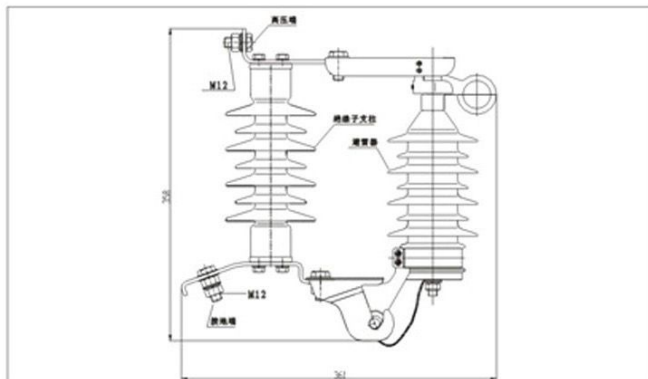
外形安装尺寸(图A)

Outline of assembly dimension (Fig.A)



(专利型)

YH5W_Z^S-17/50 SPET可带电更换防爆自动脱离型
金属氧化物避雷器(专利型)
Replaceable On Line Explosion-preventing And Auto-separating
Metal-oxide Arrester (patent)



外形安装尺寸(图B)

Outline of assembly dimension (Fig.B)

产品特点:

- ◆ 防爆自动脱离装置在产品老化至寿命终止时以及当避雷器遭强雷或者其它原因引起阀片瞬间部分或全部闪络损坏时,脱离装置均能可靠动作,接地线跌落,避雷器自动退出系统运行,从而消除持续性接地故障,并对系统不产生任何扰动。
- ◆ 良好的陡波响应特性、平坦的保护曲线、大的通流容量。对电容器组、线圈类设备及GIS保护最为理想。
- ◆ 即可以限制雷电过电压又可以抑制操作、弧光接地、高频谐振等过电压。
- ◆ 压力释放装置在大小故障电流16kA和800A下能可靠动作。
- ◆ 免维护、免检修。

Characteristics:

- ◆ when the arrester is end of use because of aging , the varistor post is complete or partial destroyed ,the separating device will reliably work and the earthing wire is off , accordingly,the surge arrester move out the system automatically ,avoiding the permanent earthing fault .
- ◆ Good steep wave response, flat protecting curve and large flow capacity is the ideal protection feature for capacitor, wire loop and GIS device.
- ◆ Not only it can limit the overvoltage of lightning, but also restrain the operation, arc earthing and high frequency syntony.
- ◆ The stress release device is in good working status under fault current of 800A to 16kA.
- ◆ Free of maintenance and inspection.

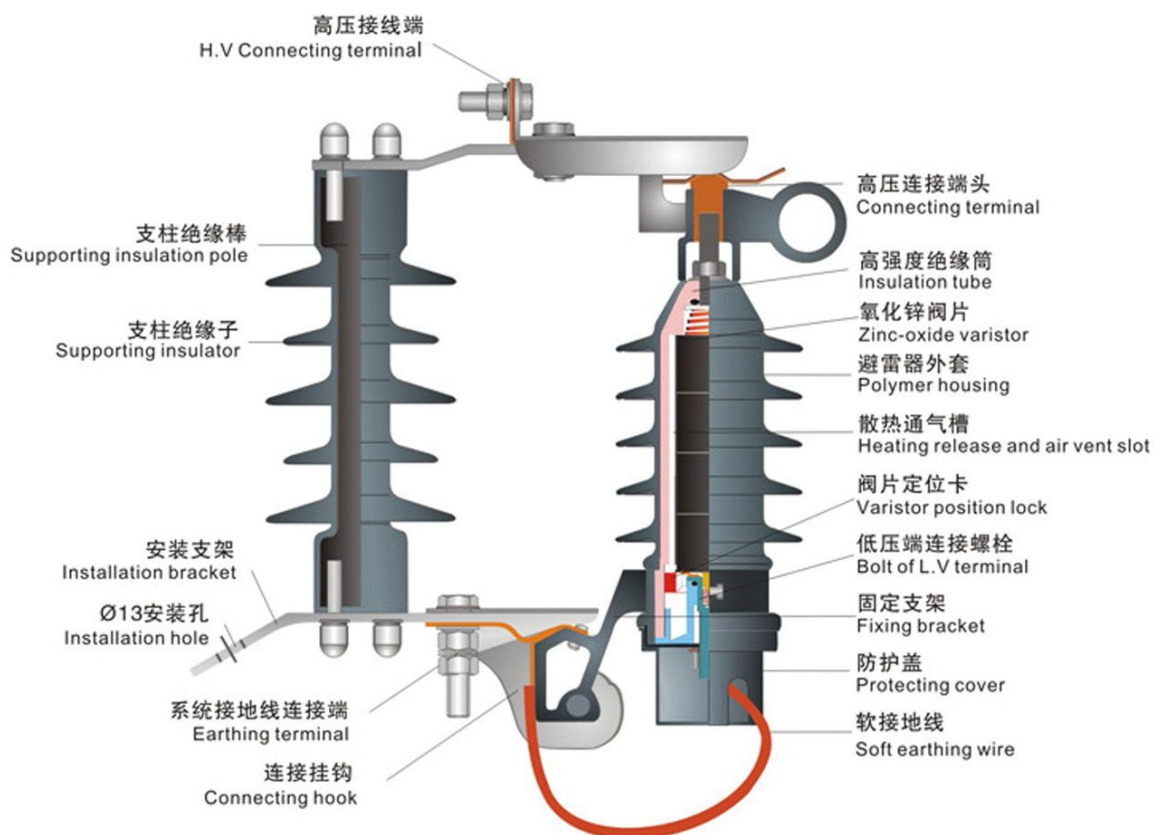
产品特点:

- ◆ 本产品免维护、免检修,避雷器损坏后可带电更换。
- ◆ 脱离装置在电力系统中性点任何一种接地方式下,避雷器长期运行蜕化或因雷击损坏时脱离装置都能可靠动作。有效防止避雷器发生爆炸和电力系统的永久性接地故障,确保电网的安全运行。
- ◆ 压力释放装置使避雷器在严重故障电流下仍保持完整。
- ◆ 良好的非线性电阻片使避雷器具有残压低、通流容量大、响应时间快、陡波特性平坦,确保输变电设备安全运行。
- ◆ 避雷器支柱绝缘子的雷电冲击绝缘水平达到210kV,产品支架采用进口304号不锈钢制造,防锈能力强。

Characteristics:

- ◆ This product is free of maintenance and inspection and can be replaced on line if broken,
- ◆ When the surge arrester is aged in the longtime operation or suffering lightning, the separating device still can work reliably under any neutral point earthing style.
- ◆ The stress release device keep the arrester well under serious fault current.
- ◆ With good quality of non-linear varistors, the arrester have the features of low residual voltage, large flow capacity, quick response and flat steep wave. To insure the normal operation of distribution and transformer equipment.
- ◆ The lightning impulsion insulating lever of the main insulator reach 210kV. The bracket of arrester is made of 304 stainless steel with strong property of rusty against.

6-1 0 kV交流电力系统用可带电更换老化自动脱离型氧化锌避雷器 6-10kV Aging and separating zinc-oxide arrester for A.C power system



AYH5W_Z^S-17/45T⁵⁰可带电更换老化自动脱离型氧化锌避雷器
Metal-oxide Arrester

产品特点 (Characteristics):

(1)、本产品采用一种可耐受380℃高温、高压并具有灭弧功能的高强度绝缘材料压制成型绝缘筒及绝缘支柱，并采用进口硅橡胶材料注射成型绝缘子及避雷器外套。

The insulation tube and pole of this products are made of special high strength material with arc extinguishing function which can stand high temperature up to 380℃ and high pressure. The housing of insulator and arrester are injected by importing silicone rubber material.

(2)、避雷器具有老化脱离功能可在电力系统中性点任何一种接地方式下运行，若避雷器因长期运行老化损坏时脱离器都能可靠动作；有效防止电力系统发生永久性接地故障，确保电网安全运行。

The arrester with aging separating function will work reliably when suffering large lightning impulse or long-term aging under any type of grounding between the stress release device with neutral point. This kind of safe system avoid the accidents happened when the device depart from the arrester and permanent earthing fault. Make sure the system are in the normal operation.

(3)、可带电更换型产品高压端头采用耐高温、高压的绝缘材料与铜件注射成型；低压端支架采用同一种绝缘材料压制成型，大大提高了避雷器的爬电比距，提高了防污、防锈功能。

The T2 copper spring which are connecting the two ends of high and low voltage make sure the current smoothly under the condition of lightning impulse and overloaded voltage. The auto-separating device will keep the arrest completed when it is broken by aging.