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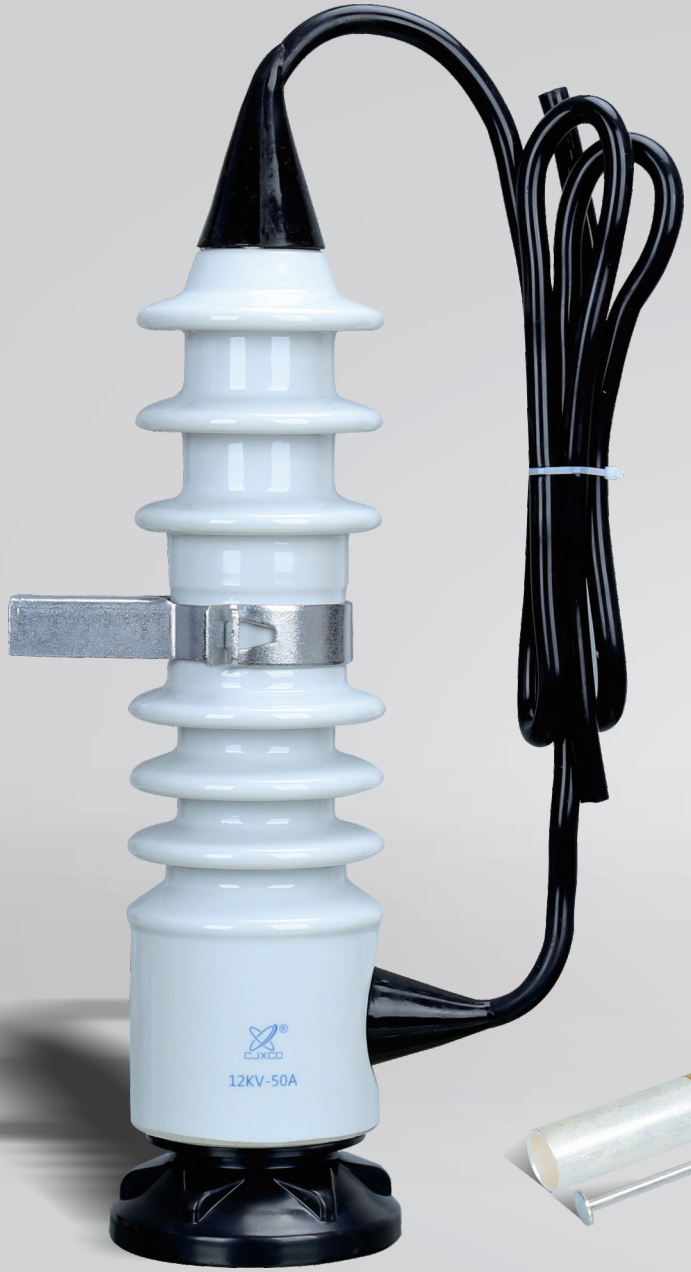
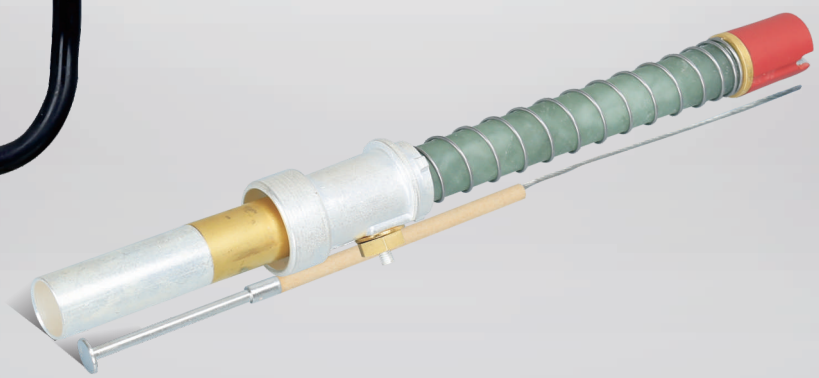
户外全绝缘封闭型喷射式熔断器
Outdoor Insulation Enclosed Expulsion Fuse





熔断器配件 Fuse accessories

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PRW-12/(6-100)-12.5型户外全绝缘封闭型喷射式熔断器

PRW-12/(6-100)-12.5 Type Outdoor Insulation Enclosed Expulsion Fuse

产品简介 Product details

PRW-12/(6-100)-12.5型户外全绝缘封闭型喷射式熔断器，产品技术先进，结构独特，安全可靠性高。产品引自日本技术和生产工艺，是按照中国技术要求所研发出的先进电气设备。

户外全绝缘封闭型喷射式熔断器适用于10KV配电变压器一次侧作为保护及开、合额定电流之用。在日本有50年以上的使用、运行经验。

PRW-12/(6-100)-12.5型户外全绝缘封闭型喷射式熔断器产品性能全面符合GB15166.3-2008国家标准，并达到了世界领先水平。

PRW-12/(6-100)-12.5 type outdoor insulation enclosed expulsion fuse , the product with advanced technology, unique structure and high quality.Products from Japan technology and production process, Advanced electrical equipment according to the technical requirements of the development of the Chinese.

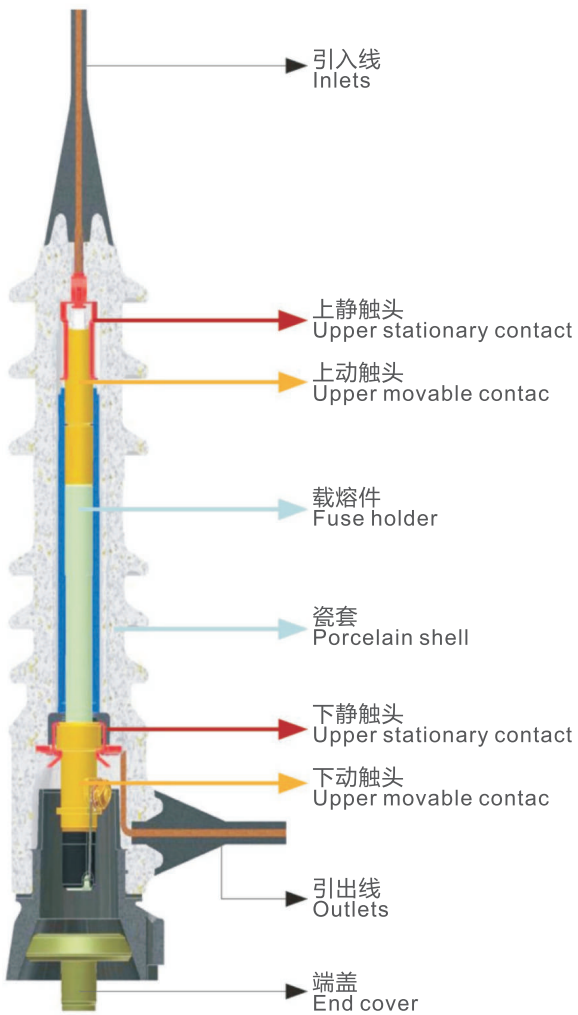
Outdoor insulation enclosed expulsion fuse is applicable to 10KV distribution transformer primary side for protection and open, close to the rated current. In Janpan there are more than 50 years of operating experience.

PRW-12/(6-100)-12.5 type outdoor insulation enclosed expulsion fuse conforms to BG15166.3-2008 national standards, and achieves the world leading level.

安装图
Installation drawing

正常工作状态
Normal working

熔断后的状态
After fusing



熔断器结构图
Fuse structure

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户外全绝缘封闭型喷射式熔断器
Outdoor Insulation Enclosed Expulsion Fuse

产品特点 Product feature

◇全绝缘封闭型设计，使动、静触头及其它部件不暴露在自然环境中，具有抗风沙、抗雨雪、抗氧化等作用，大大提高设备的抗污损能力，延长设备的使用寿命；

◇全绝缘设计，提高配网绝缘程度，降低事故发生率。尤其是城市配网，完全解决了传统跌落式熔断器的裸露点；

◇封闭型结构避免了内部触头受污损引起接触电阻增加的问题。保证设备电气性能的有效性、并避免了熔断器因污损引起的绝缘电阻下降问题。

◇全绝缘封闭型设计，可有效缩小设备安装间距，节约空间；

◇进、出口引线采用橡胶一体成型结构，可有效防止粉尘污染、盐污等，具有很高的耐候性。

◇熔丝保护熔断后，熔管会弹出，下部密封盖脱落，熔断弹出部分易辨识；

◇熔断器具有负荷电流开合功能，可实现带负荷操作；

◇安全的弹射式设计，故障断开率100%；

◇防盗设计：采用专用工具操作，和原有拉闸杆连接即可。

◇防脱设计：任何环境下都可有效的防止无故障脱落。

◇优先设计：熔断管和操作棒融为一体，操作更安全，合闸成功率100%。

◇In the design of insulation enclosed type, let the movable and static contact and other parts without being exposed to natural environment, with resistance against wind ,rain, snow and antioxidant etc, greatly improve the equipment fouling resistance, extend the service life.

◇The insulation design, improve the distribution network insulation level, reduce the incidence of accidents. Especially in urban distribution network, completely sloved the problem of traditional drop-out fuse's bare spots.

◇Enclosed structure to avoid the internal contact contaminated increases the contact resistance. Ensure the effectiveness of the device electrical performance, and to avoid the fuse insulation resistance degradation caused by fouling.

◇Insulated enclosed design, which can effectively reduce equipment installation space, save space.

◇Into and export lead with rubber a integrated structure, which can effectively prevent dust pollution, salt pollution,etc,

◇When fuse is blown, fuse tube will pop up, the lower seal cover falls off, the pop-up parts can easily be recognized.

◇Fuse with function of load current opening and closing, so that loading operation can be realized

◇Safe ejection type design, fault broken rate is 100%

◇Security design: using special tool operation, connects to the original switch lever.

◇Overhand design: any environment can effectively prevent fall off.

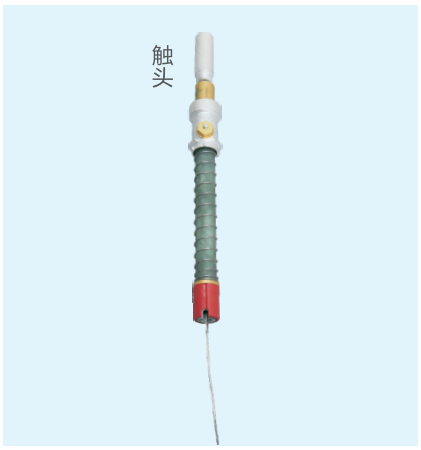
◇First design: fuse tube and handling rod together, operation more safety, closing rate 100%

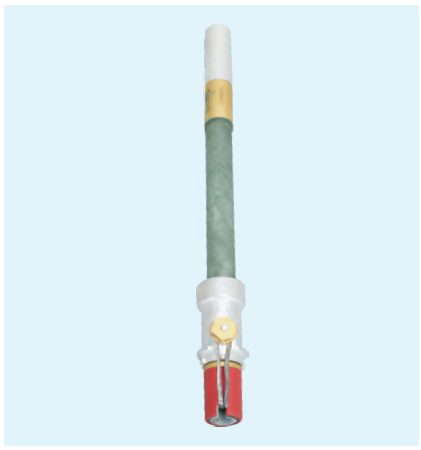
技术参数 Main technical parameters

名称 Name		参数 Parameter			单位 Unit
额定电压 Rated voltage		12			KV
额定频率 Rated frequency		50			HZ
底座额定电流 Fuse-base rated current		50或100			A
熔件额定电流 Fuse rated current		6,10,15,20,25,30,40,50,65,75,80,100			
额定开断电流 Rated breaking current		12.5			KA
机械稳定性 Mechanical stability		500			次 Times
绝缘等级 Insulation class		B			级 Class
绝缘性能 Insulating property	项目 Name	工频耐压 Power frequency withstand voltage	工频湿耐 Power frequency withstand (wet)	雷电冲击 Lightning impulse	KV
	对地 To ground	42	30	75	
	断口 Fracture	48	36	85	

载熔管组装 Tube assembly

请严格按下图操作Please operate according to the following diagram





1.拧开触头后将熔丝放入熔管内
2.将熔丝按图中所示的方向放入熔管内后拧紧触头
3.将弹簧充分压缩
将载熔管的槽和螺丝的位置对齐。用拇指压住。
注意：要将弹簧完全压缩。单手将熔丝的导线烧过螺母的导线安装部。
用拇指按住导线。
单手将螺帽拧稳后再用钳子等工具将螺帽拧紧(扭矩管理:4N.m)
注意: 将导线弯成U字型后拧紧。

1.Unscrew the contact will fuse into the melting tube
2.The fuses are shown in the direction of the melting tube after tightening contact
3.Compress the spring
Align the position of the groove and the screw of the carrier. With the thumb pressed.
Note: to complete the spring compression. One hand will fuse wire wire burned nut installation.
Hold the lead with your thumb.
A single hand nut after stability with pliers and other tools to tighten the nut (torque management: 4N.m)
Note: the wire bent into a U type after tightening.

合闸操作 The closing operation

将载熔管操作端插入操作棒螺口套，顺时针旋紧。
将载熔管插入熔断器本体，(合闸时，上下触头分别接触)，插入到位后稍作顺时针旋转调整，轻轻逆时针旋出操作棒。

The load fuse tube operation end is inserted into the operating rod, a screw sleeve, clockwise.
Will load fuse tube is inserted into the fuse body. (when closing, on contact contacts respectively), insert in place
Shao Zuoshun clockwise rotation adjustment, gently counterclockwise spin out the operating rod.