

Power line **EQUIPMENT**

TENSION, SUSPENSION AND POST COMPOSITE INSULATORS
LV AND MV SURGE ARRESTERS



2016/03

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LV surge arresters



Type: **MOSIPO**



Type: **NNO**

General data

- IEC class: II
- For indoor and outdoor installation (MOSIPO)
- $I_n = 5, 10$ and 15 kA
- $V = 275, 440$ and 690 V
- $I_{max} = 40$ kA
- Ingress protection level **IP 67 (MOSIPO)**
- Temperature range $T = -60$ °C ... $+85$ °C
- Response time $t_A < 25$ ns
- Coat: **silicone LSR**
- Tested according to standard **IEC 61643-1**

Competitive advantages

- Ingress protection level **IP 67**
- Silicone coating
- Any earthing conductor length and colour
- With integrated earthing conductor
- All possible connectors
- 100% final inspection in our own laboratory

MV surge arresters



Type: **SNO**

NEW!
class DH

Tested according to
IEC 60099-4:2014

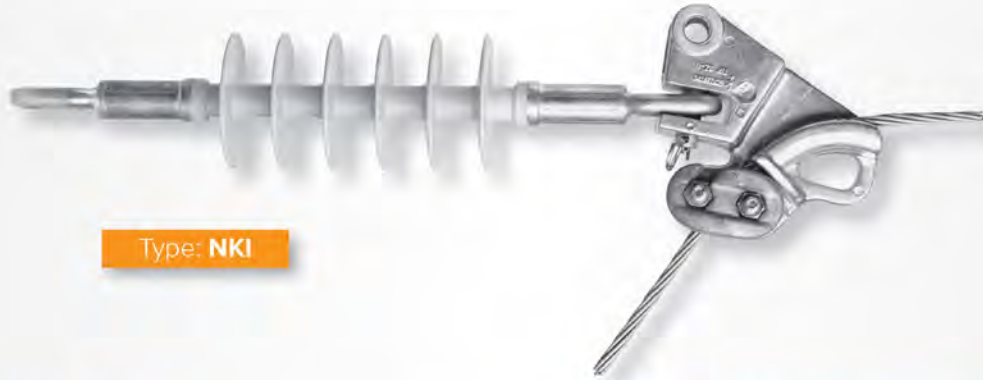
General data

- $U_r =$ from $3,7$ kV to 55 kV
- IEC class **DH**
- For **indoor** and **outdoor** installation
- Ambient temperature range $T = -60$ °C ... $+85$ °C
- Coat: **silicone LSR**
- Tested according to standard **IEC 60099-4:2014**

Competitive advantages

- Varistors directly encased by silicone
- A rigid housing construction
- Low residual voltage
- High energy absorption
- Excellent mechanical properties
- A maintenance-free operation
- 100% final inspection in our own laboratory

MV tension/suspension insulators



Type: **NKI**

General data

- Nominal operating voltage: up to 52 kV
- Creepage distance: up to 1120 mm
- Specified mechanical load (SML): 90 kN
- Routine test load (RTL): 63 kN
- Maximum torsion load: 50 Nm
- Ambient temperature range T = -60 °C ... +85 °C
- Tested according to standards:
IEC 61109, IEC/TS 60815, IEC 62217, IEC 61466

Competitive advantages

- Suitable also for aggressive environments
- Chains made from NKI insulators and our connecting material are short and lightweight
- Specified tension load SML 90 kN
- A large number of standard end fittings manufactured according to IEC standard
- Production with end fittings on customer's request
- 100% routine test

MV post insulators



Type: **PKI**

General data

- Nominal operating voltage: up to 52 kV
- Creepage distance: up to 1190 mm
- Maximum design cantilever load (MDCL): 15 kN
- Routine test load (RTL): 10 kN
- Ambient temperature range T = -60 °C ... +85 °C
- Silicone colour: grey
- Material of top fitting: PA6, UV stabilized
- Connector thread on bottom: M20 or M24
- Tested according to standards:
IEC 62217, IEC 61952, IEC 60437

Competitive advantages

- **Innovativeness** - insulator type PKI with the upper fitting made of special insulating material PA6
- Method of affixing a conductor on to an insulator
- Lightweight
- Easy installation
- Option for safe installation through the woods
- Option for bird protection
- Production with custom made fittings
- 100% routine test with 50% of STL

IZOELEKTRO

Ahead of its time



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