
3 – 45 kV DH (Class 1, 10kA) Silicone Polymer Housing Metal Oxide Surge Arresters

Application of POLIPAR Metal-Oxide type Distribution Type - Medium Voltage Polymer Surge arresters (lightning arrester)

M.V. surge arresters are used to protect transformers and other equipments in station and distribution systems against the damage caused by atmospheric (especially lightning effects) and operational conditions.

Metal oxide type surge arresters without gaps are designed to prevent probable damages in the case of typical surges in energy systems while it has no negative effect on energy systems in normal operation voltage. This special feature of gapless arresters originating from non-linear characteristics of metal-oxide varistors between voltage and current scales. The non-linear feature is much more higher compared to SiC surge arresters.

Related Images



„LT-Power Group” S.R.L.

str. N. Costin, 65/3, ap. 213, MD-2051, mun.Chişinău, Republica Moldova
tel.: 069452789, 069726028

e-mail: lt-powergroup@mail.ru.



„LT-Power Group” S.R.L.

str. N. Costin, 65/3, ap. 213, MD-2051, mun.Chişinău, Republica Moldova

tel.: 069452789, 069726028

e-mail: lt-powergroup@mail.ru.



DH (Class 1) MEDIUM VOLTAGE POLYMER SURGE ARRESTER SPECIFICATIONS

Max. System Voltage	: 3-45 kV	Min. Creepage Distance of Housing	: Type 1 : 25 mm/kV Type 2 : 31 mm/kV
Rated Voltages	: 3-45 kV	Referance Current in Ambiance Temperature	: 1mA,peak
Nominal Discharge Current	: 10 kA	Referance Voltages in Ambiance Temperature	: > Rated Voltage (Ur)
Pressure Limiting Current	: 16 kA	Long Duration Current Impulse Withstand	: 250 A / 2000µs
Energy Capability	: 2.9 kJ/kV	High Current Impulse Withstand	: 100 kA (4/10 µs)