

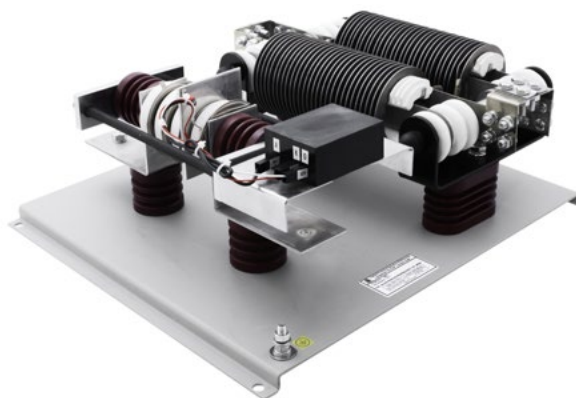
Thyristor surge protection system UP 500

APPLICATION

UP 500 is connected in parallel with the terminals of the protected gland. When the terminal voltage exceeds 5000 V, the system activates a device that discharges the energy stored in the magnetic field of the gland.

CONSTRUCTION

Thyristor surge protection system UP 500 is built of an electronic system releasing BUZ and connected in series: thyristor power, set of LEDs and the damping resistor.



TECHNICAL DATA

PARAMETER	VALUE
Activation voltage	500 V
Resistance to current surge	8000 V
Rated insulation voltage:	
» main circuit	» 4000 V
» auxiliary circuit	» 500 V
Insulation test voltage:	
» between the main circuit and the metal base	» 18,5 kV, 50 Hz/1 min
» between the main circuit and auxiliary circuit	» 18,5 kV, 50 Hz/1 min
» between the main circuit and the metal base	» 500 V, 50 Hz/1 min
Level of protection	IP00
Ambient temperature	+5°C + 40°C
Operation position	vertical
Weight	22 kg