






# Lightning Arresters & Surge Absorbers

Lightning arresters and surge absorbers are used to provide overvoltage protection for electric equipments in the distribution system by limiting the overvoltage due to lightning and switching surges.

<b>Lightning Arresters</b>	 Porcelain	 Polymer rubber
Gapless ZnO		
Type	KMZ-18	KMX-18
Housing material	Porcelain	EPDM Polymer
Rated voltage	18kV	18kV
Nominal discharge current	2.5kA	5kA
Maximum residual voltage (8x20 $\mu$ sec)	65kV	65kV
Discharge withstand current (4x10 $\mu$ sec)	25kA	65kA
Weight	3.7kg	2.4kg

<b>Surge Absorbers</b>			
Polymer concrete Gapless ZnO			
Type	KMSA-3.6	KMSA-7.2	KMSA-18
Housing material	POLYSIL	POLYSIL	POLYSIL
Rated voltage	3.3kV	6.6kV	18kV
Nominal discharge current	5kA	5kA	5kA
Maximum residual voltage (8x20 $\mu$ sec)	13kV	26kV	65kV
Discharge withstand current (4x10 $\mu$ sec)	40kA	40kA	40kA
Weight	0.41kg	0.6kg	2.15kg