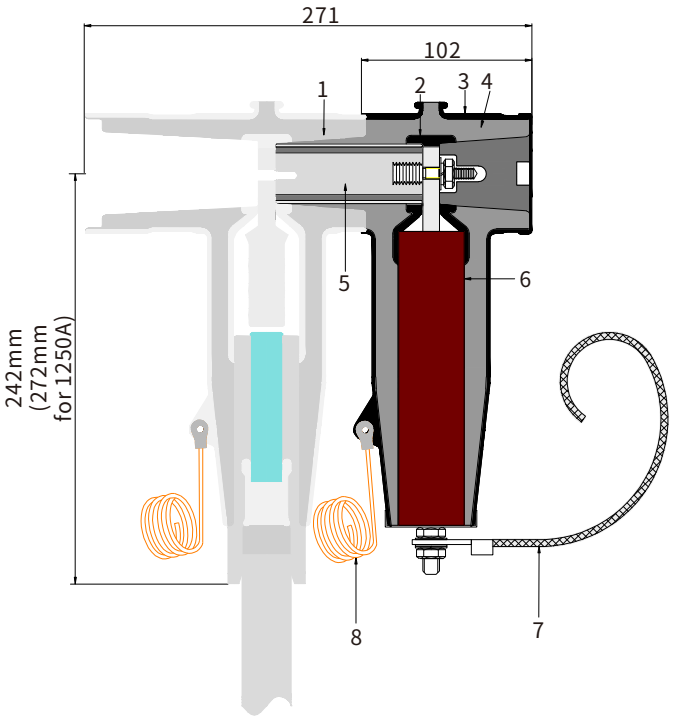
MOA Separable Arrester for WEB(K)III 15/630

Application

MOA arrester can provide protection for electrical components up to 17.5kV, such as transformers, equipments, cable and accessories, which may subject to over voltage and transients resulting from lightning and switching.
Designed to comply with the bolted-type Tee connector WEBIII 15/630 and tested in compliance with IEC 60099.4-2006, JB/T 8952.

Design

1. Connecting Interface
Interface designed to fit with the Tee connector WEB(K)III 15/630
2. Internal Screen
Moulded EPDM conductive rubber to control electrical stress
3. External Screen
Moulded EPDM conductive rubber ensure the connector touchable
4. Insulation
Moulded EPDM insulating rubber to ensure excellent electrical properties
5. Copper Connecting Pipe
Connect the lugs between cable and surge arrester
6. Surge Arrester
Metal oxide valve elements.
7. Earth connection
The surge arrester is connected to the earth by an earth braid that manages short circuit currents.
8. Earth Lead
Earth the external screen



Dimension: mm

Electrical Data

Item	WEBK YH5WZ-10/27	WEBK YH5WS-10/30	WEBK YH5WS-13/36	WEBK YH5WZ-17/45	WEBK YH5WR-17/45	WEBK YH5WS-17/50
System Nominal Voltage(kV)	6	6	10	15	15	15
Rated Voltage	10	10	13	17	17	17
Continuous Operation Voltage (kV)	8.0	8.0	10.4	13.6	13.6	13.6
Nominal Discharge Current(kA)	5	5	5	5	5	5
Steep Current Impulse Residual Voltage (kV)	⩽31.0	⩽34.6	⩽41.3	⩽51.8	⩽51.8	⩽57.5
Lightning Impulse Residual Voltage(kV)	⩽27.0	⩽30.0	⩽36.0	⩽45.0	⩽45.0	⩽50.0
Switching Impulse Residual Voltage(kV)	⩽23.0	25.6	30.7	35	38.3	42.5
Long Duration Current Impulse withstand(A)	150	75	150	150	400	100
High Current Impulse Withstand (kA)	65	65	65	65	65	65