Separable connectors & bushings - Interface A

156SA - Interface A - Surge Arrester

Nexans Ref.: 156SA

CONTACT

Sales EUROMOLD
sales.euromold@nexans.com

Up to 24 kV

STANDARDS

Product CENELEC EN 50180

Test CENELEC HD 629.1

APPLICATION

Surge arrester designed to protect 12 and 24 kV class components, including transformers, equipment, cable and accessories from high voltage surges resulting from lightning or switching.

TECHNICAL CHARACTERISTICS

- This surge arrester is a metal oxide varistor surge arrester in an elbow configuration.
- Each arrester is tested for AC withstand and partial discharge prior to leaving the factory.

CHARACTERISTICS

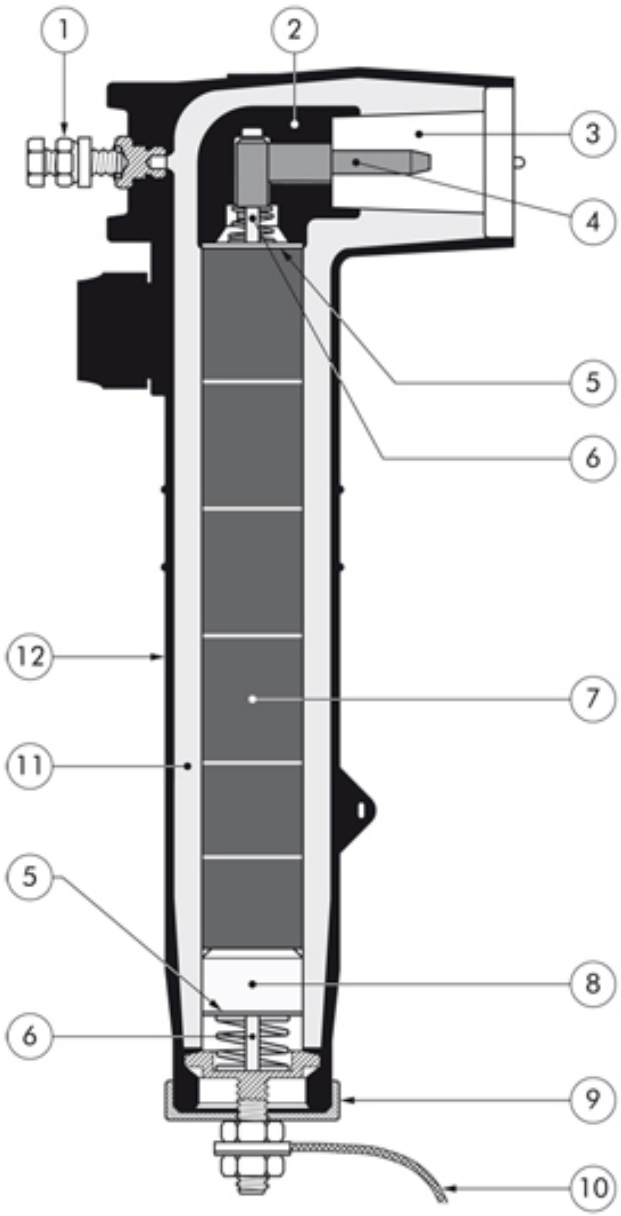
Construction characteristics	
Connector shape	Elbow
Connector type	Outer cone
Conductor material	Copper or Aluminum
Technology	Slip-0n
Dimensional characteristics	
Conductor cross-section, range	0 ... 0 mm²
Electrical characteristics	
Dielectric withstand voltage, 50Hz 1mn	55 kV
Impulse voltage	0 kV
Maximal partial discharge at 2Uo	10 pC
Rated Voltage Uo/U (Um)	12 / 20 (24) kV
Usage characteristics	
Interface	A (250 A)

Connector shape
Elbow

Rated Voltage Uo/U (Um)
12 / 20 (24) kV

Interface
A (250 A)

DESIGN



1. Bail restraint.
2. Conductive EPDM insert.
3. Type A - 250 A interface as described by CENELEC EN 50180 and 50181.
4. Pin contact.
5. Contact disc.
6. Copper shunt.
7. Metal oxide valve elements.
8. Aluminium spacer.
9. Steel cap.
10. Earth connection.
11. Insulating EPDM layer moulded between the insert and the jacket.
12. Conductive EPDM jacket.

Connector shape	Rated Voltage Uo/U (Um)	Interface
Elbow	**12 / 20 (24) kV**	**A (250 A)**