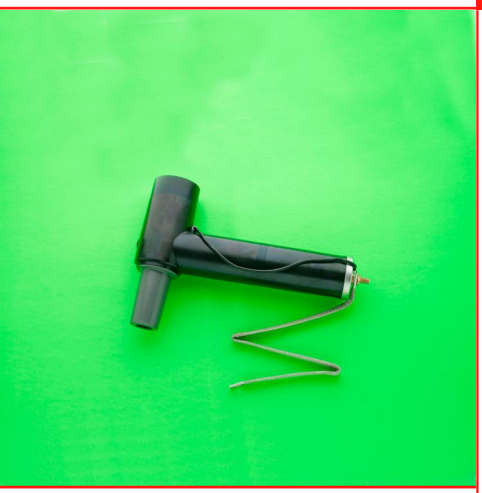
Separable connectors & bushings - Interface C

400PB-10SA - Interface C - Surge arrester



Nexans Ref.: 400PB-10SA

CONTACT

Sales EUROMOLD
sales.euromold@nexans.com

Up to 42 kV
EUROMOLD Surge arrester

STANDARDS

Product CENELEC EN 50180

Test CENELEC HD 629.1

APPLICATION

Surge arrester designed to protect medium voltage 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, partial discharge and critical voltage prior to leaving the factory.

CHARACTERISTICS

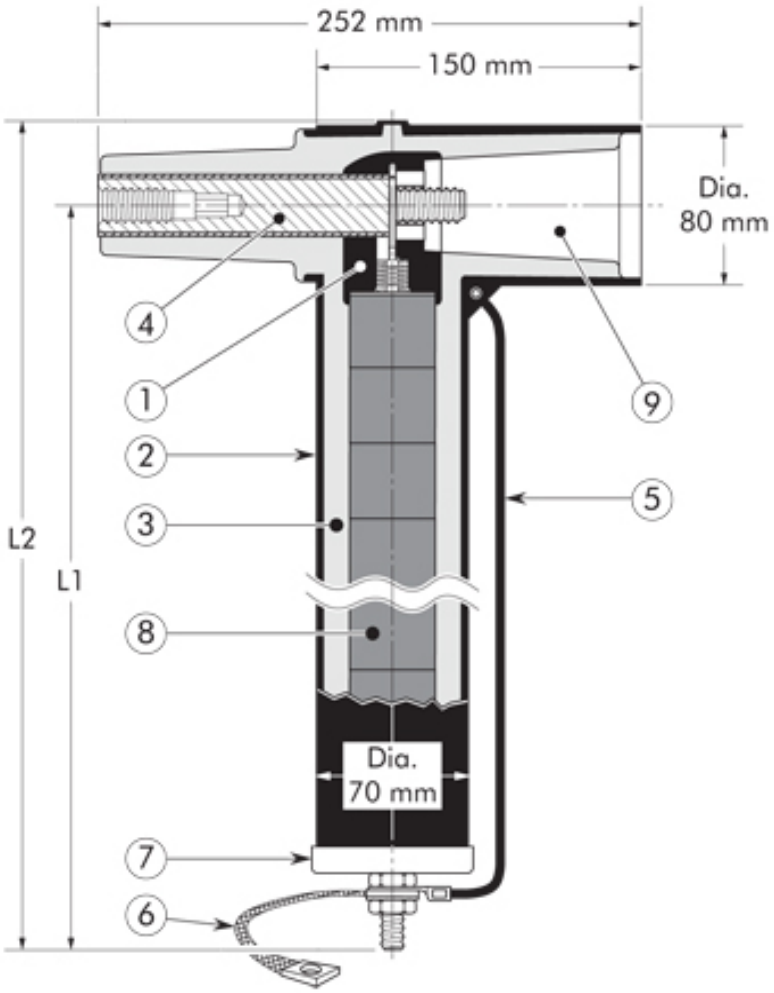
Construction characteristics	
Connector shape	Surge arrester
Connector type	Male
Conductor material	Copper or Aluminum
Technology	Slip-0n
Dimensional characteristics	
Conductor cross-section, range	0 ... 0 mm²
Electrical characteristics	
Rated Voltage Uo/U (Um)	20,8/36 (42) kV
Maximal partial discharge at 2Uo	10 pC
Dielectric withstand voltage, 50Hz 1mn	93.5 kV
Impulse voltage	0 kV
Usage characteristics	
Interface	C (630 - 1250 A)

Connector shape
Surge arrester

Rated Voltage Uo/U (Um)
20,8/36 (42) kV

Interface
C (630 - 1250 A)

DESIGN



1. Conductive EPDM insert.
2. Conductive EPDM jacket.
3. Insulating EPDM layer moulded between the insert and the jacket.
4. Contact rod.
5. Earthing lead.
6. Earth connection.
7. Steel cap.
8. Metal oxide valve elements.
9. Type C - 630 A interface as described by CENELEC EN 50180 and 50181.

Connector shape
Surge arrester

Rated Voltage Uo/U (Um)
20,8/36 (42) kV

Interface
C (630 - 1250 A)