

# MV-Bushing

With plug connection and outer cone

## Medium voltage (24 kV, 250A) Equipment bushings

Release 2019-08

Georg Jordan is a global player in the field of cast resin insulators and bushings. Our products are used successfully in the fields of power generation, conversion and distribution.



# MV-Bushing

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**Types: 250-24-73  
250-24-108  
250-24-168**

## Application

For use in equipment insulated with oil fluid.

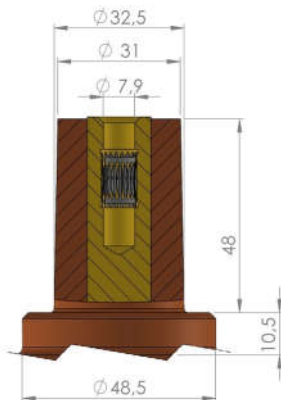
- Transformers
- Switchgears
- Capacitors
- ...

## Design and dimensions MV-Bushing

- Moulded epoxy insulated part in accordance with EN 50 180 bushing
- Three different lengths are available (B):
  - 73, 108 and 168 mm
- 6 tabs for the bail restraint
- Connection bolt thread M10

## Design and dimensions Outer Cone System

- According the international standards EN 50180 and EN 50181
- Bushing type A, rated current 250 A
- Contact element for contact pins with 7.9 mm diameter



## Specifications and standards

The plug-in bushing types 250-24-... meets the requirements of

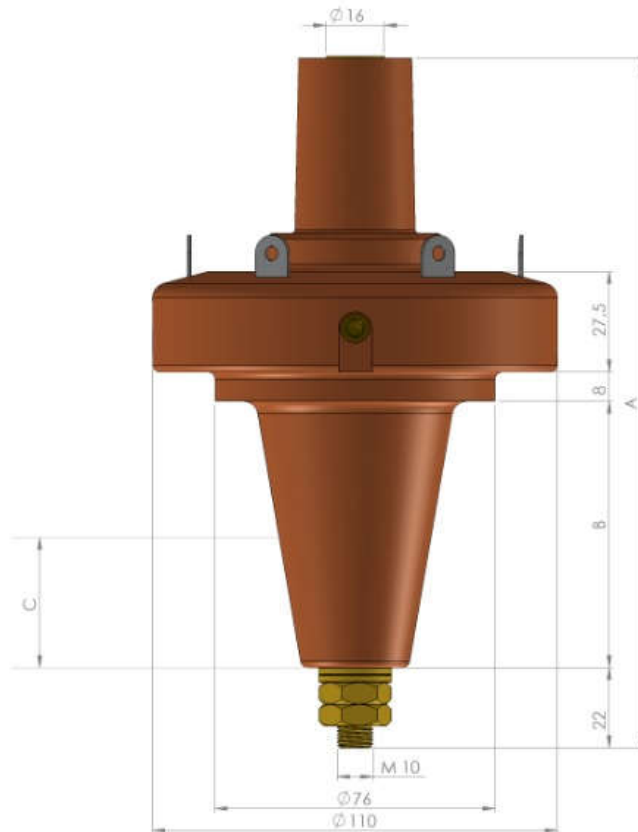
- EN 50180
- IEC 60137

Certificated by an accredited testing laboratory.

## Quality and reliability by Georg Jordan

Routine test of supplied products:

- Rated power frequency (rpf) withstand voltage 50 kV (50Hz/1min)
- Partial discharge
- Further on request



Item No.	Type	Voltage U [kV]	Current I [A]	Dimension [mm]		
				A	B	C
2043678	250-24-73	24	250	182	73	50
2043696 (On request)	250-24-108	24	250	217	108	50
2043679 (On request)	250-24-168	24	250	277	168	50

C = Minimum oil level

# MV-Bushing

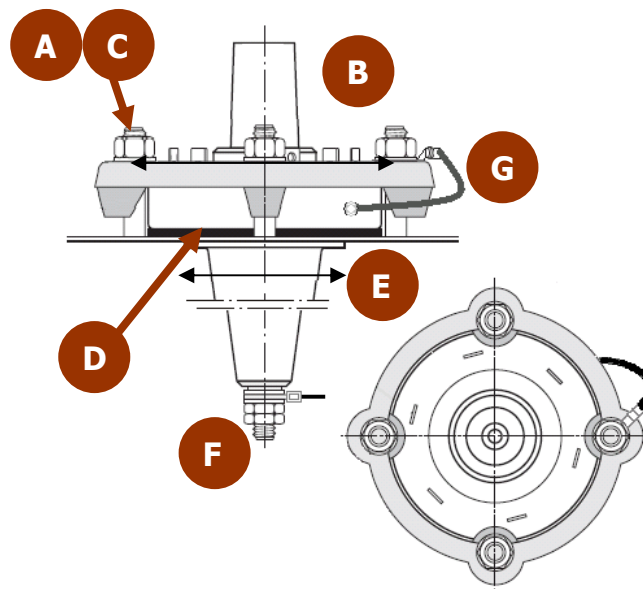
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## Fixing system for bushings – Fixing flange acc. DIN 42538

### Clamping kit contents:

1. 1 x fixing flange, stainless steel
2. 4 x stud clamp, injected aluminium
3. 1 x NBR flat gasket



A) Thread bolt: M10 x 55 mm, number:	4 pieces	E) Housing opening, diameter:	78 mm
B) Thread bolt clearance, diameter:	123 mm	F) Connection bolt M10, suggested torque:	3–5 Nm
C) Suggested bolt torque:	10–15 Nm	G) Connect to ground, earth cable	
D) NBR gasket, Ø 108*Ø 76*4mm	1 piece		

### Installation – fixing flange kit

Inserting and positioning of the bushing using the flat gasket. Mounting of the fixing flange and the stud clamps. Take care to tighten the stud clamps uniformly. Connecting of the fixing flange kit and the field control by using an earth cable

### Purchase code

### Item number

Type 250 A FLANGE KIT DIN 42538 (without earth cable)	2043942
EARTHING WIRE M5/M12 L=160mm , YELLOW-GREEN	2044224
EARTHING WIRE M5/M10 L=80mm, YELLOW-GREEN	2045142

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