

Technical data sheet

Spark gap / surge voltage protection for coupling earthing systems

Item no. 5099803



The FS-V20 device is a spark gap with parallel-connected surge arrester (protection level <math><1.5\text{ kV}</math>). It is used to couple different earthing systems. It is connected directly to the appropriate equipotential busbar. Cable mounted with M10 cable shoe and bolt M10x25 (DIN 933) and nut M10 (DIN 934).

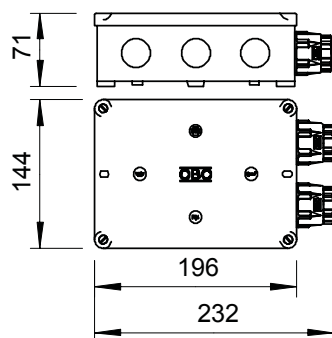
Application: Coupling earthing systems in data technology sector (functional and operational earthing)



Master data

Item no.	5099803
Type	FS-V20
Description 1	Spark gap
Description 2	for coupling plant components
Dimension	280V
Smallest sales unit (VG)	1,00 Piece
Weight	170,00 kg/100 pc.

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Dimension	196 x 144 x 71 mm
Connecting cable length	0,17 m
Response time	<math><25\text{ ns}</math>
Rated power frequency withstand voltage	280,00 V
Rated DC withstand voltage	280,00 V
Explosion-tested version	<input type="checkbox"/>
Impulse discharge current (10/350)	100,00 kA
Nominal discharge current (8/20)	100 kA
Protection rating	IP54
Protection level	<math><1,5\text{ kV}</math>

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