

## EXFS 100 (923 100)

- For indirect connection / earthing of functionally isolated parts of installations under lightning conditions
- Device for lightning equipotential bonding according to IEC 62305 in hazardous areas
- Approval according to ATEX Directive 94/9/EC and IECEx

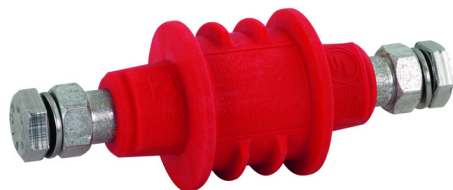
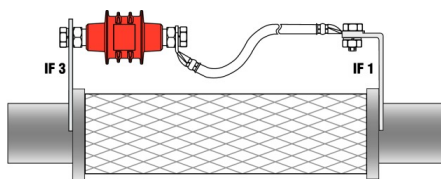
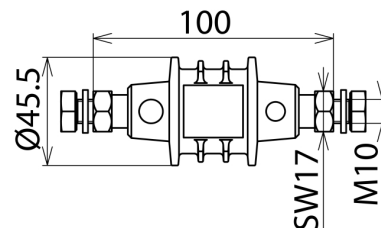


Figure without obligation



Installation of EXFS 100



Dimension drawing EXFS 100

Isolating spark gap for use in hazardous areas with plastic sheath and M10 threaded screws.

Type	EXFS 100
Part No.	923 100
Isolating spark gap according to EN 62561-3 / IEC 62561-3	yes
Lightning impulse current (10/350 µs) ( $I_{imp}$ )	100 kA
Class (lightning current carrying capability)	H
Rated power-frequency withstand voltage (50 / 60 Hz) ( $U_{wac}$ )	250 V
Rated impulse sparkover voltage ( $U_{r,imp}$ )	≤ 1.25 kV
Operating temperature range ( $T_U$ )	-20 °C ... +60 °C
Degree of protection	IP 67
Approvals	UL
ATEX approvals	DEKRA 11ATEX0178 X
Ex marking according to EN 60079-0 and EN 60079-1: gas	II 2 G Ex db IIC T6 Gb
Ex marking according to EN 60079-0 and EN 60079-31: dust	II 2 D Ex tb IIIC T80 °C Db IP 66/67
IECEx approvals	IECEx KEM 09.0051X
Ex marking according to EN 60079-0 and EN 60079-1: gas	Ex db IIC T6 Gb
Ex marking according to EN 60079-0 and EN 60079-31: dust	Ex tb IIIC T80 °C Db IP 66/67
Inmetro approvals	TÜV 17.0698 X
Ex marking according to EN 60079-0 and EN 60079-1: gas	Ex db IIC T6 Gb
Ex marking according to EN 60079-0 and EN 60079-31: dust	Ex tb IIIC T80 °C Db IP 66/67
Enclosure length	100 mm
Enclosure diameter	45.5 mm
Enclosure material	plastic sheath
Connection of enclosure	M10 threaded bushing, 2x M10x25 mm, 2x spring washer
Extended technical data:	-----
- Rated discharge current (50 / 60 Hz) ( $I_{max}$ )	500 A / 0.2 sec.
- Noimnal discharge current (8/20 µs) ( $I_n$ )	100 kA
- Power frequency sparkover voltage (50 / 60 Hz) ( $U_{aw}$ )	≤ 0.5 kV
Weight	289 g
Customs tariff number (Comb. Nomenclature EU)	85369095
GTIN	4013364108325
PU	1 pc(s)

We reserve the right to introduce changes in performance, configuration and technology, dimensions, weights and materials in the course of technical progress. The figures are shown without obligation.