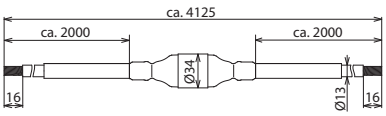
EXFS 100 KU (923 101)

- 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 2014/34/EU and IECEx





Dimension drawing

Iisolating spark gap EXFS 100 KU with connecting cable for aboveground and underground installation; with water-proof sheath; can be shortened for short connecting cables.

Type	**EXFS 100 KU**
Part No.	**923 101**
Isolating spark gap acc. to EN 62561-3 / IEC 62561-3	yes
Lightning impulse current (10/350 µs) (I_{imp})	100 kA
Lightning-current-carrying-capability class	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)	-40 °C ... +60 °C
Temperature range during installation	-5 °C ... +50 °C
Degree of protection	IP 67
ATEX approvals	DEKRA 11ATEX0178 X
IECEx approvals	IECEx KEM 09.0051X
Inmetro approvals	TÜV 17.0698 X
Ex marking according to EN 60079-0 and EN 60079-1: Gases	II 2 G Ex d IIC T6 Gb Ex d IIC T6 Gb 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 Ex tb IIIC T80°C Db IP 66/67 Ex tb IIIC T80 °C Db IP 66/67
Enclosure length	123 mm
Enclosure diameter	34 mm
Enclosure material	water-proof plastic sheath
Connection of enclosure	NYY-J-1x25 mm²
Cable length	2x approx. 2000 mm
Extended technical data	
Rated discharge current (50 / 60 Hz) (I_{max})	500 A / 0.2 sec.
Nominal discharge current (8/20 µs) (I_n)	100 kA
Power frequency sparkover voltage (50 / 60 Hz) (U_{aw})	≤ 0.5 kV

Masterdata	
Net weight	1.98 kg/pc(s)
GTIN	4013364108332
PU	1 pc(s)
Customs tariff number (Comb. Nomenclature EU)	85369095

We reserve the right to make changes to the design and technology, dimensions, weights and materials in the interests of technical progress. The illustrations are not binding.