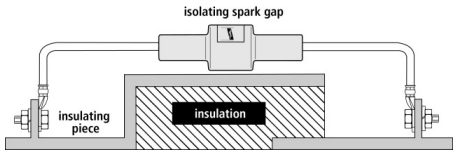
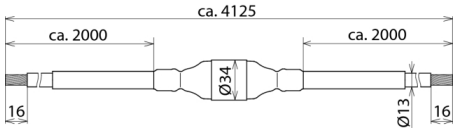
EXFS 100 KU (923 101)

- 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 94/9/EC and IECEx

Figure without obligation



Installation of EXFS 100 KU



Dimension drawing EXFS 100 KU

Ex isolating spark gap with connecting cable for aboveground and underground installation; with water-proof sheath; can be shortened for short connecting cables.

Type Part No.	EXFS 100 KU 923 101
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)	-40 °C ... +60 °C
Temperature range during installation	-5 °C ... +50 °C
Degree of protection	IP 67
ATEX approvals	DEKRA 11ATEX0178 X
Ex marking according to EN 60079-0 and EN 60079-1: gas	II 2 G Ex d 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 d 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	123 mm
Enclosure diameter	34 mm
Enclosure material	water-proof plastic sheath
Connection of enclosure	NYY-J-1x25 mm^2
Cable length	2x approx. 2000 mm
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	1,98 kg
Customs tariff number	85369085
GTIN	4013364108332
PU	1 pc(s)

✔, : Tested NEW: New !: Discontinued Model