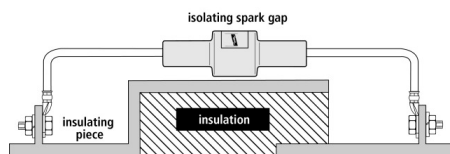


EXFS 100 KU (923 101)

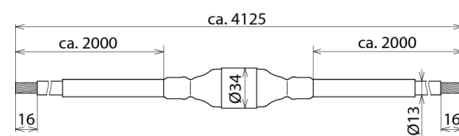
- For indirect connection/earthing of functionally isolated parts of installations under lightning conditions
- For lightning equipotential bonding according to IEC 62305 in hazardous areas
- Approval according to "ATEX Directive" 94/9/EC and IECEx



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; may be shortened for short connecting cables

Type	EXFS 100 KU
Part No.	923 101
Lightning impulse current (10/350 μ s) (I_{imp})	100 kA
Class of lightning current carrying capability acc. to EN 50164-3	H
Nominal discharge current (8/20 μ s) (I_n)	100 kA
Rated power-frequency withstand voltage (50 Hz) (U_{wAC})	250 V
Lightning impulse sparkover voltage ($U_{r imp}$)	≤ 1.25 kV
Power-frequency sparkover voltage (50 Hz) (U_{aw})	≤ 0.5 kV
Rated discharge current (50 Hz) (I_{max})	500 A / 0.5 sec. ($T_U \leq 45^\circ\text{C}$)
Operating temperature range (T_U)	$-40^\circ\text{C} \dots +60^\circ\text{C}$
Temperature range during installation	$-5^\circ\text{C} \dots +50^\circ\text{C}$
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	NY-Y-J-1x25 mm ²
Cable length	2x approx. 2000 mm
Weight	1,98 kg
Customs tariff number	85369085
GTIN	4013364108332
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.