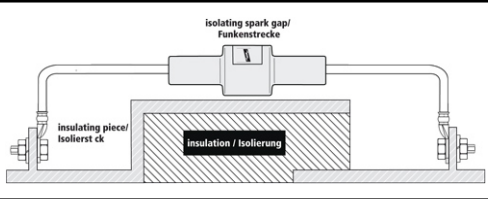


Dimension drawing EXFS 100 KU



Installation of EXFS 100 KU



EXFS 100 KU: Ex isolating spark gap with connecting cable for aboveground and underground installation

- For indirect connection/earthing of functionally separate parts of installations when being affected by lightning
- Device for lightning equipotential bonding according to IEC 62305 in hazardous areas
- For bridging insulating pieces, insulating flanges etc. in cathodic protected pipe sections
- For safe application in explosion protection zone 1 (gases) or 21 (dust)
- Considerably low sparkover voltage
- Considerably high a.c. current withstand capability

EXFS 100 KU	
Lightning impulse current (10/350 µs) [I _{imp}]	100 kA
Class of lightning impulse current strength acc. to EN 50164-3	H
Nominal discharge current (8/20 µs) [I _n]	100 kA
Rated power-frequency withstand voltage (50 Hz) [U _{W/AC}]	250 V
100% Lightning impulse sparkover voltage [U _{rimp}]	≤ 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 ; ≤ 45°C)
(Ex) Marking acc. to EN 60079 (gas atmospheres)	II 2G Ex d IIC T6
(Ex) Marking according to EN 61241 (combustible dust)	II 2D Ex tD A21 IP 67 T 80°C
Operating temperature range [T _U]	-20°C...+60°C
Degree of protection	IP 67
Approvals, Certifications	BVS 06 ATEX E 099
Length of enclosure	123 mm
Diameter of enclosure	34 mm
Enclosure material	plastic coating; water-proof coating
Connection of enclosure	NY-Y-J-1x25 mm ² , approx. 2 m long
Ordering information	
Type	EXFS 100 KU
Part No.	923 101
Packing unit	1pcs.



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



UK Office

Keison Products,

P.O. Box 2124, Chelmsford, Essex, CM1 3UP, England.

Tel: +44 (0)330 088 0560

Fax: +44 (0)1245 808399

Email: sales@keison.co.uk

Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.