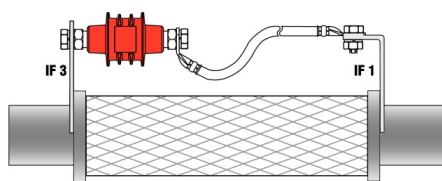


EXFS 100 (923 100)

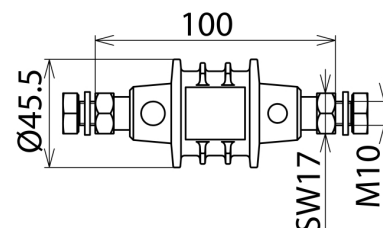
- For indirect connection / earthing of functionally isolated parts of installations under lightning conditions
- Device for lightning equipotential bonding according to IEC 62305 in hazardous areas
- Approval according to ATEX Directive 94/9/EC and IECEx



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. |
| - Nominal 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.