

# ISG-50

## ISG - Isolating spark gaps / Normal environment

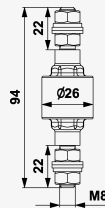
Isolation spark gap

two M8 bolts with nuts

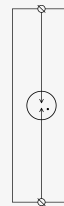
- encapsulated high-performance isolating spark gap
- for indirect connection (earthing) of isolated conductive parts under lightning conditions, where direct connection is not allowed
- very low DC withstand voltage



Product dimensions



Basic circuit diagram



| Parameter name                          | Parameter value                   |
|---|-----------------------------------|
| Classification                          | class N - normal duty             |
| Isolation resistance                    | 100.00 MΩ                         |
| Lightning impulse current               | $I_{imp}$ 50.00 kA                |
| Rated impulse sparkover voltage         | $U_{imp}$ 0.90 kV                 |
| Rated power frequency withstand voltage | $U_{WAC}$ 0.035 kV                |
| Rated DC withstand voltage              | $U_{WDC}$ 0.050 kV                |
| Degree of protection                    | IP 67                             |
| Range of ambient temperatures (min/max) | -40 / 80 °C                       |
| According to standard                   | EN 62561-3:2012, IEC 62561-3:2012 |
| ETIM Class                              | EC000510                          |
| Customs tariff number                   | 85363090                          |
| EAN                                     | 8595090540861                     |
| Order number                            | A04086                            |

