# ISGC-500

## ISG - Isolating spark gaps / Normal environment

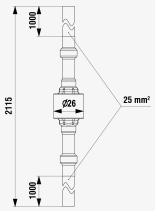
Isolation spark gap

connecting cables

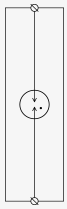
- encapsulated high-performance isolating spark gap
- for indirect connection (earthing) of isolated conductive parts under lightning conditions, where direct connection is not allowed



**Product dimensions**




**Basic circuit diagram**



| Parameter name | | Parameter value |
|---|---|---|
| Classification | | class H - heavy duty |
| Isolation resistance | | 100.00 MΩ |
| Lightning impulse current | $I_{imp}$ | 100.00 kA |
| Rated impulse sparkover voltage | $U_{imp}$ | 1.50 kV |
| Rated power frequency withstand voltage | $U_{WAC}$ | 0.350 kV |
| Rated DC withstand voltage | $U_{WDC}$ | 0.500 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 | | 8595090553687 |
| Order number | | A05368 |