
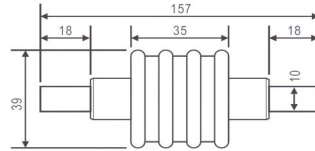
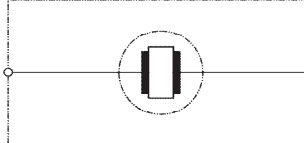

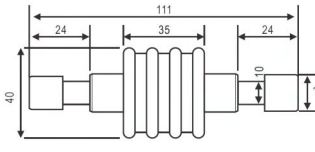
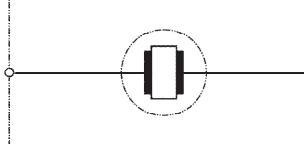




■ **TSTLP® Isolating Spark Gaps for lightning equipotential bonding, especially for the separated earthing systems.**

| | | |
|---|---|--|
|  |  |  |
| TS-ISG... (A157) | Dimension(mm) | BCD |
|  |  |  |
| TS-ISG... (B111) | Dimension(mm) | BCD |

❖ **TECHNICAL DATA**

| Model Number | TS-ISG25 | TS-ISG50 | TS-ISG100 |
|--|--------------------------------------|----------|-----------|
| Lightning impulse current (10/350 μs) [I _{imp}] | 25kA | 50kA | 100kA |
| Nominal discharge current (8/20 μs) [I _n] | 100kA | 100kA | 100kA |
| Rated power-frequency withstand voltage (50 Hz) [U _{W/AC}] | 300V | 300 V | 300 V |
| 100% Lightning impulse sparkover voltage [U _{rimp}] | ≤ 1.5kV | ≤ 1.5kV | ≤ 1.5 kV |
| Power frequency sparkover voltage (50 Hz) [U _{aw}] | ≤ 400V | ≤ 400V | ≤ 400V |
| Operating temperature range [T _U] | -40°C...+80°C | | |
| Relative Humidity | ≤ 95% (25°C) | | |
| Degree of protection | IP 65 | | |
| Enclosure material | Black / Orange Thermoplastic UL94-V0 | | |
| Connection | Rd 10 mm | | |
| Material (connection) | Cu/SS | | |
| Compliance | CE(EMC, LVD) & RoHS | | |

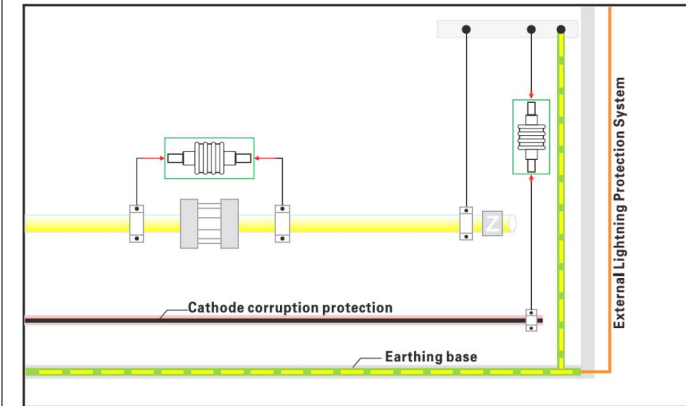
■ **MAIN CHARACTER**

- ✓ M10mm copper terminal
- ✓ For mounting in-door & out-doors, in damp rooms as well as underground installation
- ✓ High discharge current

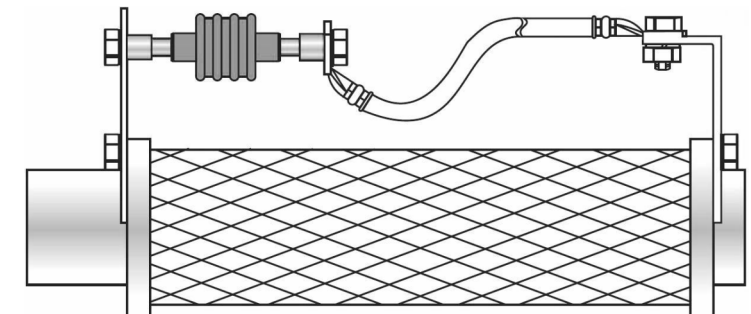
INSTALLATION INSTRUCTION

TS series Isolating Spark Gap is applied for in-doors & out-doors, in damp rooms as well as underground installation

(A157) INSTALLATION DIAGRAM (for reference)



(B111) INSTALLATION DIAGRAM (for reference)



WARNING:

1. The device must be installed by electrically skilled person, conforming to national standards and safety regulations.
2. It is recommended that installation should be done under power off condition.
3. For safety, all adjacent system should be connected together with no separation what so ever; If separated earthing system, there's always a risk of potential difference between earthing systems.