

## TRSW Series coaxial SPD

TRSW Coaxial cable Surge Protector should be installed between two coaxial cable connectors or two communication equipments to effectively prevent the communication equipments from being damaged by transient forming from nearby strike. This product has high capacity of surge current and a wide frequency range, thus it is ideal protector for various communication equipment.

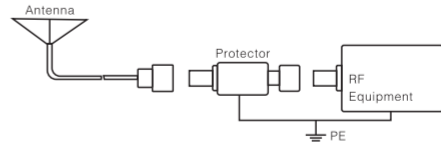
### Installation:

This protector is applicable in indoors, it should be installed between two coaxial cable connectors or two communication equipments, the cross section of grounding wire should no less than 4mm<sup>2</sup>, and be wired with the earthing terminal of prevented equipment.

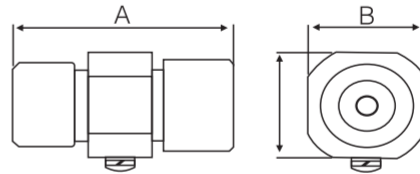
### Features:

- With replaceable integrated gas discharge tube
- Fast response without interruption
- Metal shell N, SMA, BNC, TNC, F type connectors, easy to install.

### Installing figure:



### Dimension(mm):



| Interface Type | BNC  | N    | TNC  | SMA  |
|----------------|------|------|------|------|
| A              | 57.2 | 59.4 | 57.2 | 48.4 |
| B              | 25   | 25   | 25   | 25   |
| C              | 25   | 25   | 25   | 25   |

**Product**

**Basic circuit diagram**

| Parameter/Type                             | TRSW                                 |       |        |        |        |        |  |
|--|--------------------------------------|-------|--------|--------|--------|--------|--|
| Frequency Range                            | (BNC: DC-2GHz) (N、TNC、SMA:DC-2.5GHz) |       |        |        |        |        |  |
| Impedence                                  | 500                                  |       |        |        |        |        |  |
| VSWR                                       | <1.2                                 |       |        |        |        |        |  |
| Insertion loss                             | ≤0.3dB                               |       |        |        |        |        |  |
| Input Power                                | < 20W                                | < 50W | < 100W | < 200W | < 400W | < 500W |  |
| Initial Discharge Voltage                  | ≥50V                                 | ≥70V  | ≥120V  | ≥190V  | ≥280V  | ≥280V  |  |
| Current Capacity                           | 10kA                                 |       |        |        |        |        |  |
| Interface Type                             | BNC; N; TNC; SMA                     |       |        |        |        |        |  |
| Housing material                           | Brass HPb59-1, GB4425-84             |       |        |        |        |        |  |
| Degree of protection                       | IP20                                 |       |        |        |        |        |  |
| Range of operating temperatures (min/ max) | -40°C~+70°C                          |       |        |        |        |        |  |
| Humidity range                             | 5%~95%                               |       |        |        |        |        |  |
| According to standard                      | EN 61643-21:2012, IEC 61643-21:2011  |       |        |        |        |        |  |