

# 24V Signal Circuits SPD(L-G Fine Protection)

## Features

- 12.5mm ultra-thin
- Hot pluggable
- SPD module can be tested individually
- Easy to maintain
- Suitable for AI,AO,DI,DO, RS-232.etc.(L-G isolation voltage<500V)
- Grounded via DIN 35mm rail

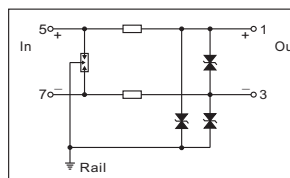
## Technical Data

|                                                |                              |
|------------------------------------------------|------------------------------|
| Nominal operating voltage Un                   |                              |
| Max. continuous operating voltage Uc           |                              |
| Nominal operating voltage IL                   |                              |
| Nominal discharge current In(8/20μs)           |                              |
| Max. discharge current Imax(8/20μs)            |                              |
| Impulse current Iimp(10/350μs)                 |                              |
| Total impulse current(10/350μs)                |                              |
| Voltage protection level Up(8/20μs)            | (L-L,L-G)                    |
| Voltage protection level Up(1kV/μs)            | (L-L,L-G)                    |
| Bandwidth(-0.5dB)                              |                              |
| Response time                                  |                              |
| Resistance                                     |                              |
| Leakage current                                |                              |
| Housing protection grade(accord with IEC60529) | IP 20                        |
| Housing material / inflammability grade(UL94)  | PA66 / V0                    |
| Testing standard                               | GB/T 18802.21 / IEC 61643-21 |

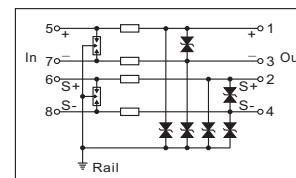
## Certification

|                                      |
|--------------------------------------|
| Functional safety certification      |
| Lighting protection performance test |

T-24-G



T-24-G4



2-wire

3-wire,4-wire

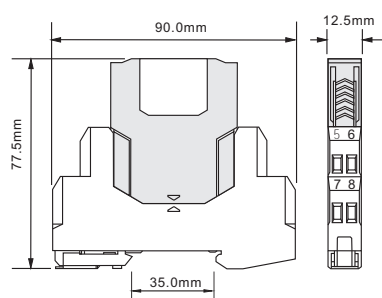
|  |                              |                              |
|--|------------------------------|------------------------------|
|  | 2-wire                       | 3-wire,4-wire                |
|  | 24V                          | 24V                          |
|  | 32V                          | 32V                          |
|  | 800mA                        | 800mA                        |
|  | 10kA                         | 10kA                         |
|  | 20kA                         | 20kA                         |
|  | 2.5kA                        | 2.5kA                        |
|  | 5kA                          | 10kA                         |
|  | 60V / 60V                    | 60V / 60V                    |
|  | 40V / 40V                    | 40V / 40V                    |
|  | 10MHz                        | 10MHz                        |
|  | 1ns                          | 1ns                          |
|  | 1Ω                           | 1Ω                           |
|  | <1μA                         | <1μA                         |
|  | IP 20                        | IP 20                        |
|  | PA66 / V0                    | PA66 / V0                    |
|  | GB/T 18802.21 / IEC 61643-21 | GB/T 18802.21 / IEC 61643-21 |

SIL3

SIL3

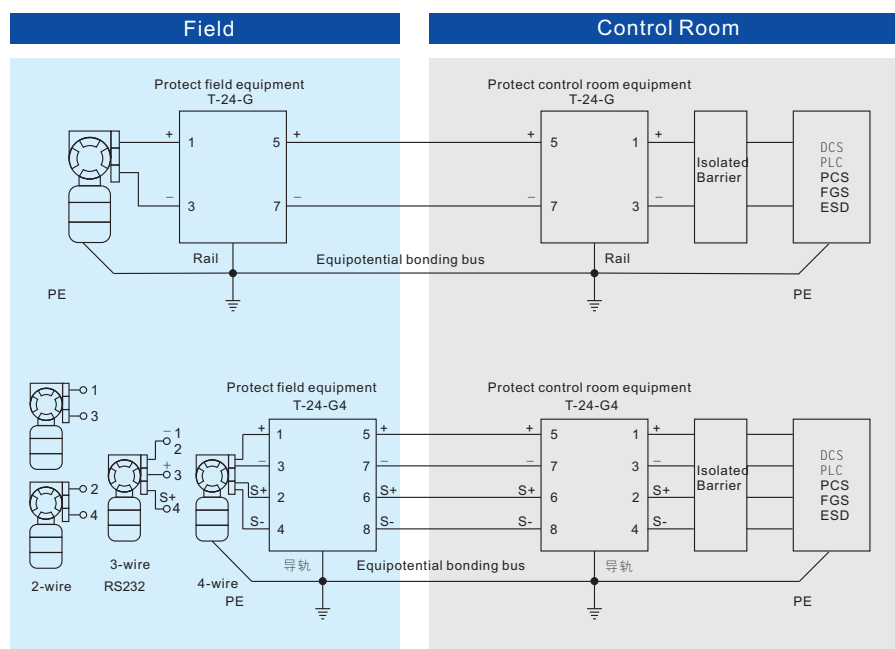
Shanghai Lightning Protection Center

## Dimensions



SIL3  
IEC61508

## Typical application



Shanghai Lightning Protection Center  
Lighting protection performance test



China Quality Certification Center  
CQC Identification