

# 6mm Signal SPD

## Features

- 6mm Width
- DIN rail grounded
- Push-in or screw connection
- C2: 20kV/ 10kA
- D1: 2.5kA

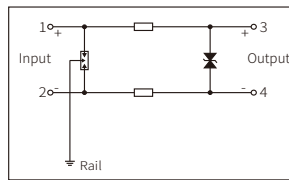
## Technical Data

Max. Continuous operating voltage $U_c$	6V DC
Nominal operating current $I_n$	800mA
Resistance(per line)	1Ω
Nominal discharge current $I_n$ ( 8/20μs )	10kA
Max. discharge current $I_{max}$ ( 8/20μs )	20kA
Impulse discharge current $I_{imp}$ ( 10/350μs )	2.5kA
Voltage protection level $U_p$ ( 8/20μs )	L-L: 40V/L-G: 600V
Bandwidth ( -0.5dB )	40MHz
Response time	L-L: 1ns/L-G:100ns
Residual current $I_{rE}$	<10μA
Degree of protection of enclosure(IEC60529)	IP 20
Housing material/ Flammability rating(UL94)	PA66/V0
Testing standard	GB/T 18802.21/IEC 61643-21

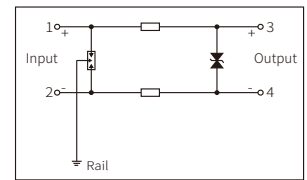
## Certification

Functional safety Certification	SIL3
Type test	Shanghai lightning protection center
Order number	Push-in: 7092615; Screw: 7070096

## C-5T2



## C-24B2



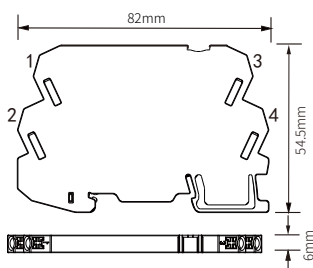
## 2-wire ( TC, RS-485, CAN )

Max. Continuous operating voltage $U_c$	32V DC
Nominal operating current $I_n$	800mA
Resistance(per line)	1Ω
Nominal discharge current $I_n$ ( 8/20μs )	10kA
Max. discharge current $I_{max}$ ( 8/20μs )	20kA
Impulse discharge current $I_{imp}$ ( 10/350μs )	2.5kA
Voltage protection level $U_p$ ( 8/20μs )	L-L: 60V/L-G: 600V
Bandwidth ( -0.5dB )	40MHz
Response time	L-L: 1ns/L-G:100ns
Residual current $I_{rE}$	<1μA
Degree of protection of enclosure(IEC60529)	IP 20
Housing material/ Flammability rating(UL94)	PA66/V0
Testing standard	GB/T 18802.21/IEC 61643-21

## 2-wire ( AI, AO, DI, DO )

Max. Continuous operating voltage $U_c$	6V DC
Nominal operating current $I_n$	800mA
Resistance(per line)	1Ω
Nominal discharge current $I_n$ ( 8/20μs )	10kA
Max. discharge current $I_{max}$ ( 8/20μs )	20kA
Impulse discharge current $I_{imp}$ ( 10/350μs )	2.5kA
Voltage protection level $U_p$ ( 8/20μs )	L-L: 40V/L-G: 600V
Bandwidth ( -0.5dB )	40MHz
Response time	L-L: 1ns/L-G:100ns
Residual current $I_{rE}$	<10μA
Degree of protection of enclosure(IEC60529)	IP 20
Housing material/ Flammability rating(UL94)	PA66/V0
Testing standard	GB/T 18802.21/IEC 61643-21

## Dimensions



## Typical applications

