

Features

- 2-wire system
- 24VDC power system
- Max. impulse current 20 kA(8/20 μs)
- Plug in gold plating
- 12.4 mm,hot plugging
- 35 mm rail mounted

Discription

This SPD limits induced transients of different origin (lightning stroke, switching impulse, etc.). This is achieved by diverting the transient current to ground and limiting the signal line voltage to a safe level for the duration of the surge.

It can be applied to 24V DC power system.

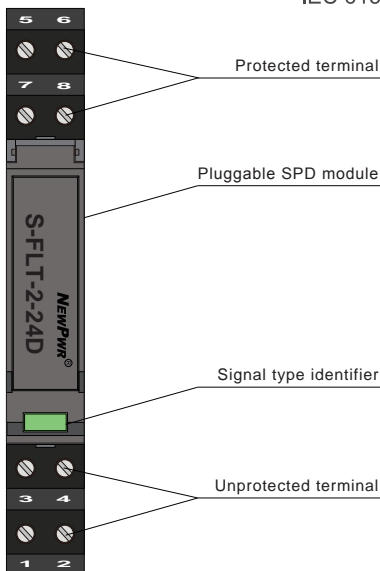
Parameter

Nominal voltage Un	24 V
Max. continuous operating voltage Uc(DC)	48V
Max. continuous operating voltage Uc(AC)	34 V
Nominal current IL	10 A
Total lightning impulse current Iimp(10/350 μs),D1	2 kA
Lightning impulse current Iimp(10/350 μs),D1	1 kA
Max. discharge current Imax(8/20 μs),C2	20 kA
Nominal discharge current In(8/20 μs),C2	10 kA
Voltage protection level Up(8/20 μs) , C2	L-L≤300 V/ L-PE≤800 V
Voltage protection level Up(1 kV/μs) , C3	L-L≤200 V/ L-PE≤600 V
Bandwidth fG(100 Ω resistance)	10 MHz
Series impedance	<1 ns
Response time Ta	
General parameters	-40 °C ~ +80 °C
Operating temperature	35 mm DIN rail
Installtion	Grounding rail
Grounding mode	0.2 mm ² ~ 2.5 mm ²
Connecting wire size	PC
Material	V0
Flame retardant grade(UL94)	IP20
Protection degree	IEC 61643-21/ GB/T 18802.21
Standards	

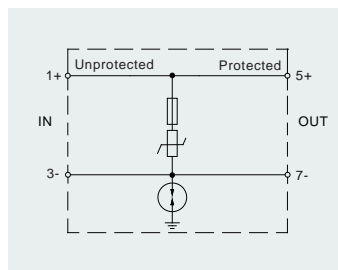


Graphics

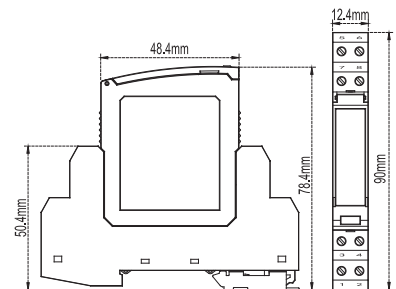
SIL3
IEC 61508



Schematic



Dimensions



Application

