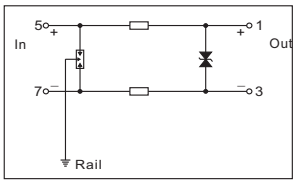
24V Signal Circuits SPD

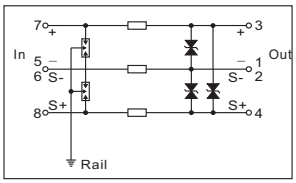
Features

·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

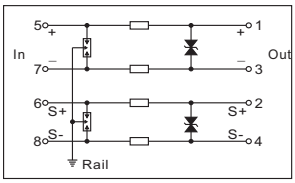
T-24-L



T-24-L3

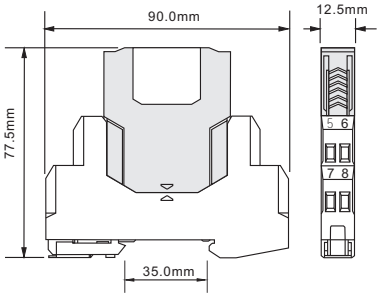


T-24-L4



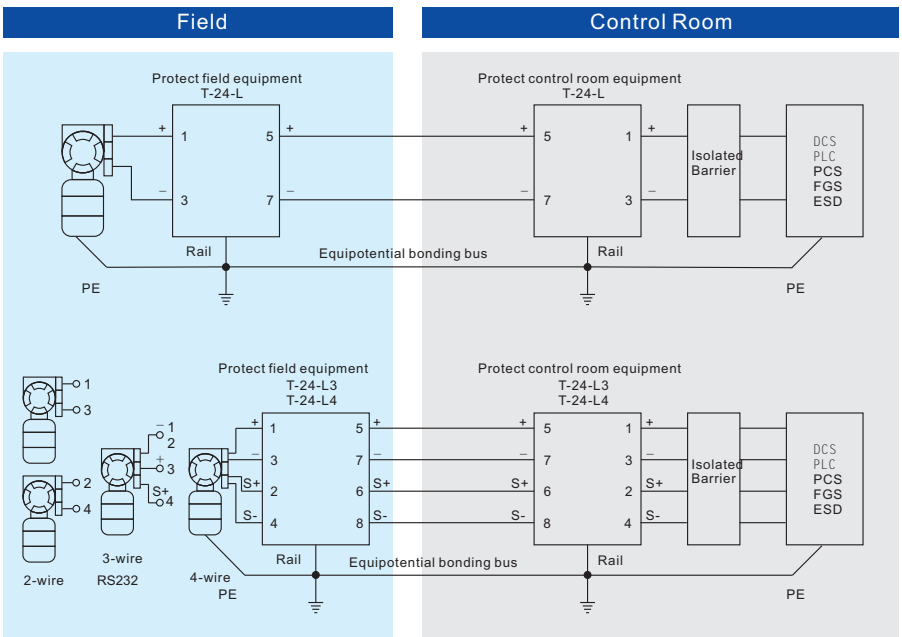
Technical Data		2-wire	3-wire	4-wire
Nominal operating voltage Un		24V	24V	24V
Max. continuous operating voltage Uc		32V	32V	32V
Nominal operating voltage I_L		800mA	800mA	800mA
Nominal discharge current In(8/20μs)		10kA	10kA	10kA
Max. discharge current Imax(8/20μs)		20kA	20kA	20kA
Impulse current Iimp(10/350μs)		2.5kA	2.5kA	2.5kA
Total impulse current(10/350μs)		5kA	7.5kA	10kA
Voltage protection level Up(8/20μs)	(L-L,L-G)	60V / 600V	60V / 600V	60V / 600V
Voltage protection level Up(1kV/μs)	(L-L,L-G)	40V / 600V	40V / 600V	40V / 600V
Bandwidth(-0.5dB)		10MHz	10MHz	10MHz
Response time		1ns	1ns	1ns
Resistance		1Ω	1Ω	1Ω
Leakage current		<1μA	<1μA	<1μA
Housing protection grade(accord with IEC60529)		IP 20	IP 20	IP 20
Housing material / inflammability grade(UL94)		PA66 / V0	PA66 / V0	PA66 / V0
Testing standard		GB/T 18802.21 / IEC 61643-21	GB/T 18802.21 / IEC 61643-21	GB/T 18802.21 / IEC 61643-21
Certification				
Functional safety certification		SIL3	SIL3	SIL3
Lighting protection performance test				Shanghai Lightning Protection Center

Dimensions



SIL3 IEC61508

Shanghai Lighting Protection Center
Lighting protection performance test

China Quality Certification Center
CQC Identification

Typical application