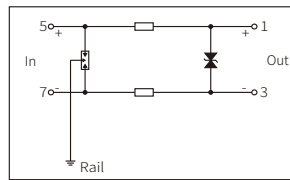


For 5V signal

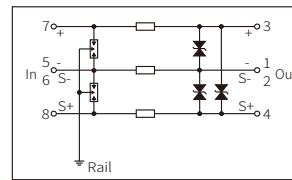
Features

- 12.5mm width
- Pluggable protection module
- Ground via DIN 35mm rail

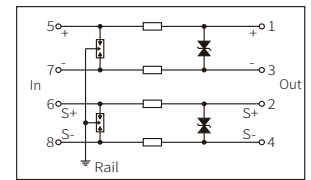
T-5-L



T-5-L3



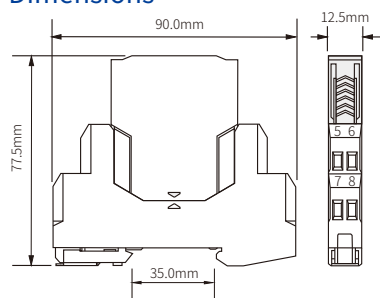
T-5-L4



Technical data

	2-wire	3-wire	4-wire
Max. continuous operating voltage U_c	6V DC	6V DC	6V DC
Nominal operating current I_L	800mA	800mA	800mA
Resistance(per line)	1Ω	1Ω	1Ω
Nominal discharge current I_n (8/20μs)	10kA	10kA	10kA
Max. discharge current I_{max} (8/20μs)	20kA	20kA	20kA
Impulse current I_{imp} (10/350μs)	2.5kA	2.5kA	2.5kA
Voltage protection level U_p (8/20μs) L-L/L-G	40V/600V	40V/600V	40V/600V
Voltage protection level U_p (1kV/μs) L-L/L-G	20V/600V	20V/600V	20V/600V
Bandwidth(-0.5dB)	40MHz	40MHz	40MHz
Response time	1ns	1ns	1ns
Residual current I_{PE}	<10μA	<10μA	<10μA
Housing protection grade(IEC60529)	IP 20	IP 20	IP 20
Housing material/Flammability rating(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
Type test	Shanghai Lightning Protection Center	Shanghai Lightning Protection Center	Shanghai Lightning Protection Center
Order number	7099647	7050235	7029162

Dimensions



Typical applications

