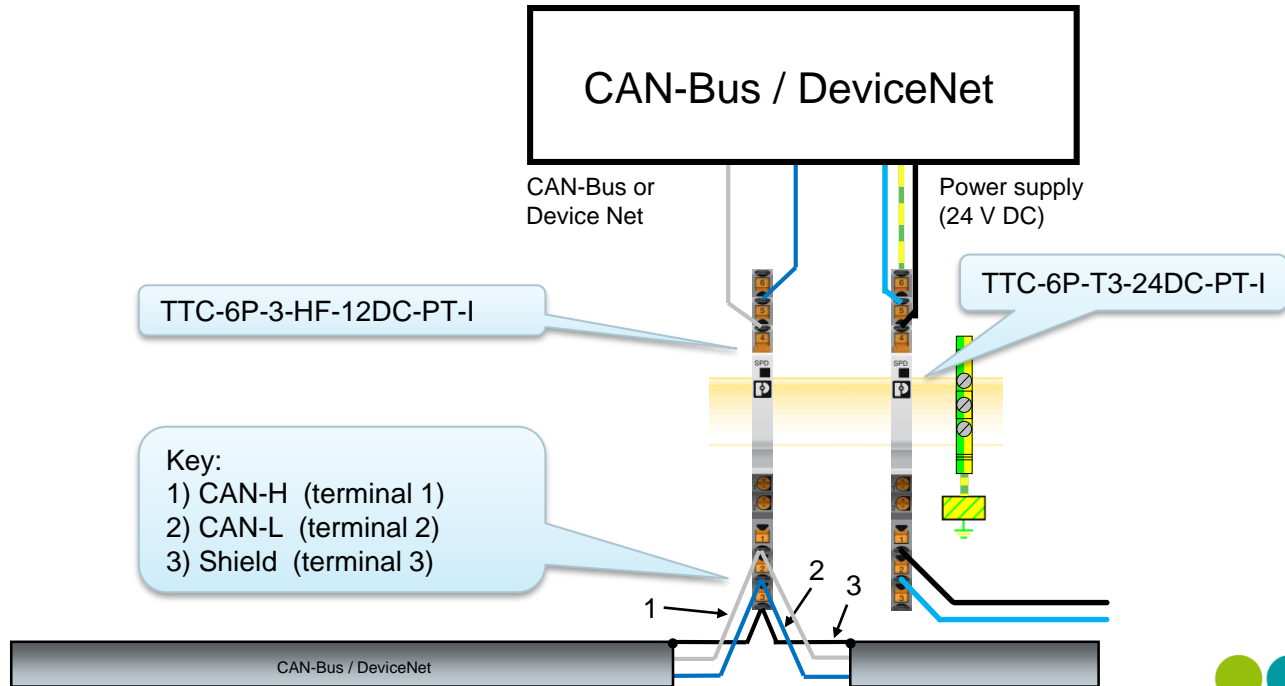


Overvoltage protection at CAN-BUS / DeviceNet

Überspannungsschutz am CAN-BUS / DeviceNet



Note:

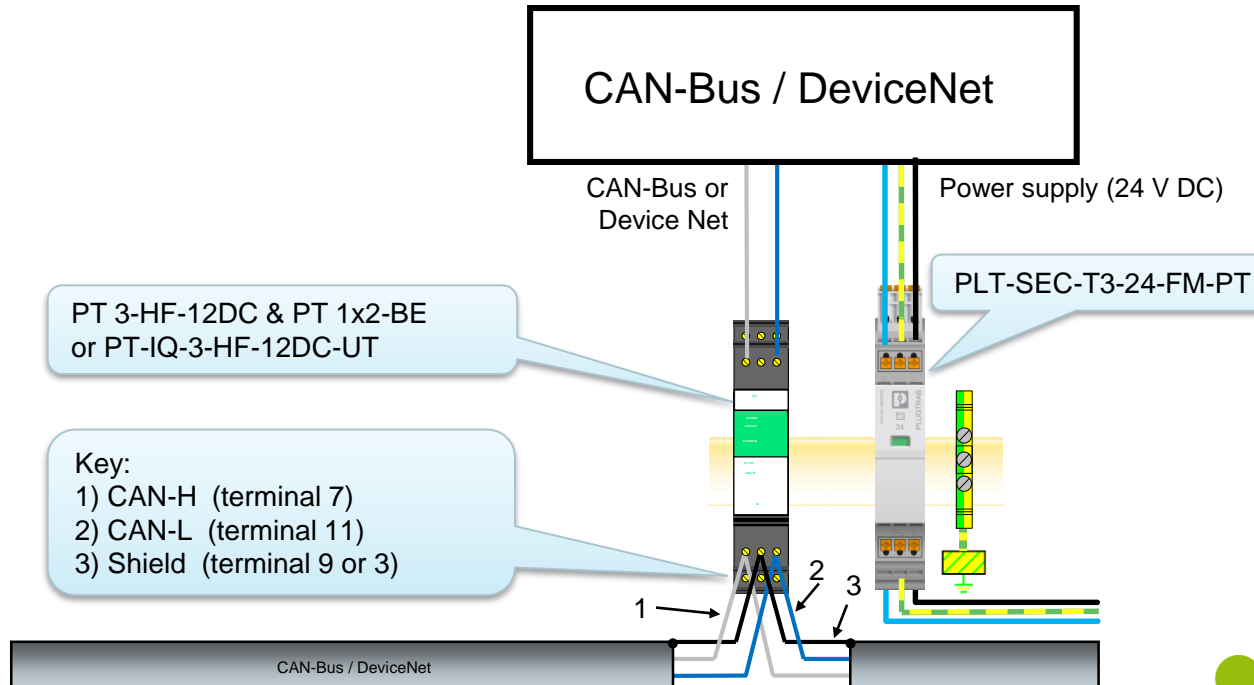
Is the direct grounding of the shield due to earth potential rise not possible, the shield has to be connected via an additional **TTC-6-TVSD-C-12DC-UT-I** to ground.

The shield (connected at terminal 1) is then indirect grounded via a 12V diode.



Overvoltage protection at CAN-BUS / DeviceNet

Überspannungsschutz am CAN-BUS / DeviceNet



Note

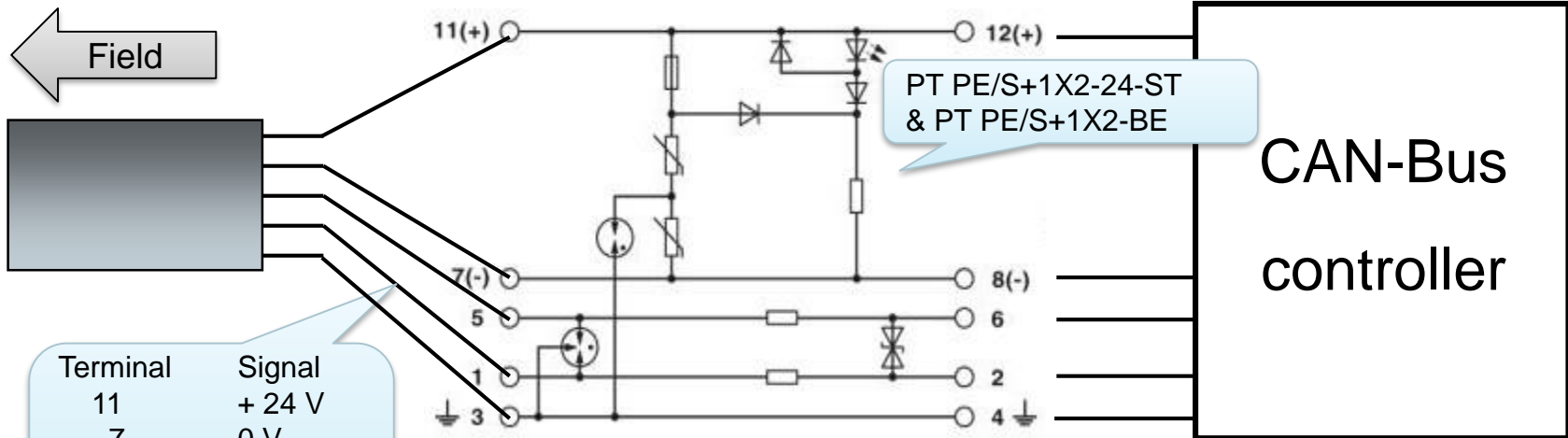
Is the direct grounding of the shield due to earth potential rise not possible, the use of **PT 5-HF-12DC-ST & PT 2x2-BE** instead of the PT 3-HF-ST & PT 1x2-BE is recommended. Wiring: CAN-H and CAN-L as below, shield at terminal 1. The shield is then indirect grounded via a 12V diode.



Overvoltage protection at CAN-BUS / DeviceNet

Überspannungsschutz am CAN-BUS / DeviceNet

Power- and data-protection combined in one single SPD



Terminal	Signal
11	+ 24 V
7	0 V
5	CAN-H
1	CAN-L
3	Shield

Note: This application can be used up to 500 kBit/s.

