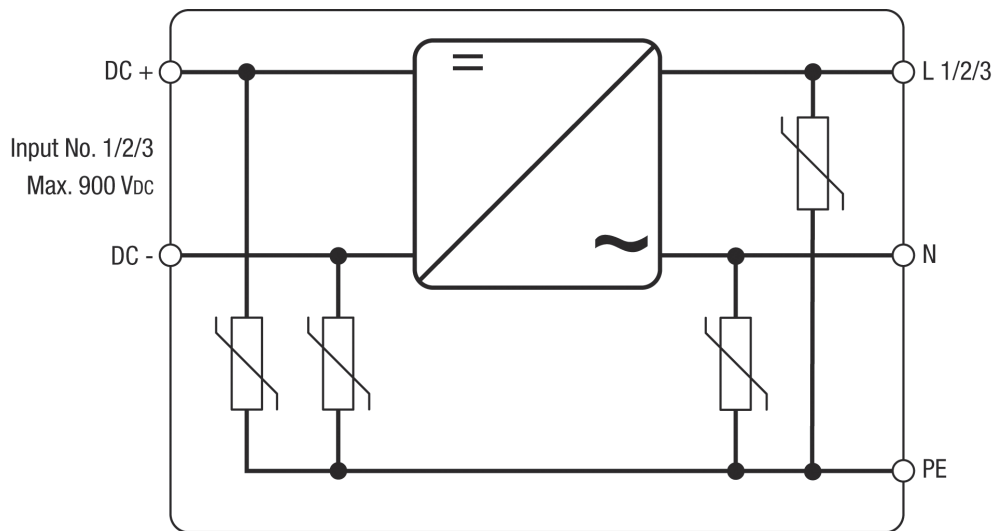


Overvoltage Protection Details

SolarMax 6MT2
SolarMax 8MT2
SolarMax 10MT / 10MT2
SolarMax 13MT / 13MT2 / 13MT3
SolarMax 15MT / 15MT2 / 15MT3



DC Varistor (Input Surge Protection)

Type:

- Epcos S25K750
- Compliant to EN 61643-11 (Type 2) and VDE 0675-6 (Type C)

Specifications (maximum ratings):

- V_{RMS} 750 V
- V_{DC} 1600 V
- I_{max} 20000 A (8/20 μ s Puls)
- W_{max} 1025 J (2 ms)
- P_{max} 1 W

AC Varistor (Output Surge Protection)

Type:

- Epcos S20K300
- Compliant to EN 61643-11 (Type 3) and VDE 0675-6 (Type D)

Specifications (maximum ratings):

- V_{RMS} 300 V
- V_{DC} 385 V
- I_{max} 8000 A (8/20 μ s Pulse)
- W_{max} 173 J (2 ms)
- P_{max} 1 W