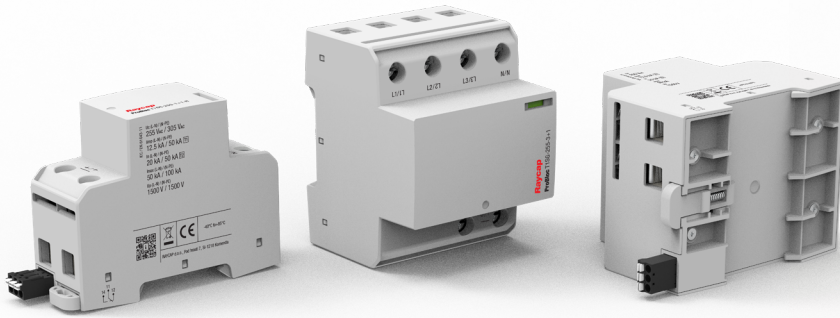


Single-cell Spark Gap Technology ProBloc T1SG Series



ProBloc T1SG is a Type 1+2+3 SPD VDE certified, leakage current-free for the protection of sensitive electronics in close proximity to the service entrance, e.g. smart metering and EV charging applications. It meets the requirements for installation in the pre-meter area. The T1SG portfolio contains versions with 7.5kA and 12.5kA lightning current ratings.



Features:

- Type 1+2+3 certified - suitable for protection of sensitive electronics
- Leakage-current free – it can be installed upstream of the power meter
- Universal energy coordination – compatible with every installation regardless of downstream equipment
- Low let-through energy – devices installed close to the SPD are always protected

Impulse Discharge Current 12.5kA

ProBloc T1SG-255-3+0 [Order code: 53.0005]
ProBloc T1SG-255-3+0-R [Order code: 53.0006]

ProBloc T1SG-255-4+0 [Order code: 53.0009]
ProBloc T1SG-255-4+0-R [Order code: 53.0010]

ProBloc T1SG-255-1+1 [Order code: 53.0003]
ProBloc T1SG-255-1+1-R [Order code: 53.0004]

ProBloc T1SG-255-3+1 [Order code: 53.0007]
ProBloc T1SG-255-3+1-R [Order code: 53.0008]

Impulse Discharge Current 7.5kA

ProBloc T1SG-255-3+0-E [Order code: 53.0011]
ProBloc T1SG-255-3+0-E-R [Order code: 53.0012]

ProBloc T1SG-255-4+0-E [Order code: 53.0013]
ProBloc T1SG-255-4+0-E-R [Order code: 53.0014]

ProBloc T1SG-255-1+1-E [Order code: 53.0015]
ProBloc T1SG-255-1+1-E-R [Order code: 53.0016]

ProBloc T1SG-255-3+1-E [Order code: 53.0017]
ProBloc T1SG-255-3+1-E-R [Order code: 53.0018]

Network System

TN-C

TN-S

TT, TN-S

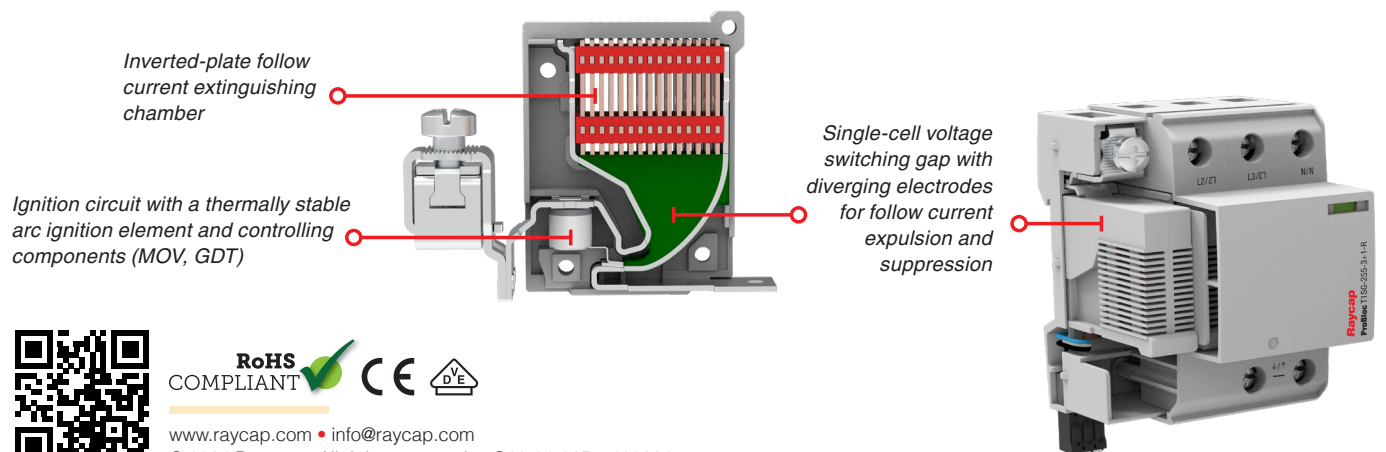
TT, TN-S

The Single-cell Spark Gap technology (ScSG) controls and limits the follow currents to negligible values, due to an inverted-plate design of the arc-extinguishing chamber.

Innovative SPD Technology Single-cell Spark Gap Technology

The Single-cell Spark Gap technology (ScSG) developed by Raycap controls and limits the follow currents to negligible values with an inverted-plate design of the arc-extinguishing chamber. Negligible follow currents enhance SPD lifetime and minimize nuisance tripping of upstream overcurrent protection, ensuring uninterrupted power.

Due to the advantageous single-cell design, clamping voltages remain unaffected and at the lowest values. Low clamping voltage provides the ultimate equipment protection by suppressing the surge energy from propagating further downstream of the ProBloc T1SG SPD.



RoHS COMPLIANT

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