

177113 VAAMO1TC4D25FI75TS
Designation

VAAMO1TC4D25FI75TS - Type 1 / Type 2, 4-poles, pluggable surge protection device (SPD) with internal backup fuse disconnecter and remote status signal contact.

Application
Tertiary and industrial buildings, hotels, hospitals

The VAAMO1TC4D25FI75TS module is designed to protect electrical installations in TT, TN earthing systems. This device is to be connected generally downstream from the main circuit breaker; but can be used in downstream electrical board or to protect sensitive electronic equipment.

The value $I_{limp} = 25kA$ allows installation in the General Low Voltage Panel of buildings equipped with lightning rods according to NFC15-100 / EN60364 standard. Compatible with external lightning protection systems of level I to IV according to NF EN 62305-3 standard, and depending on the number of services. The protection level $U_p 1.5kV$ provides Type 1 / Type 2 protection without coordination with other SPDs.

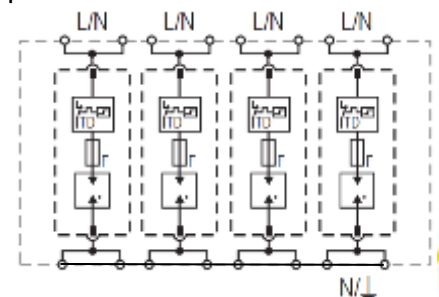
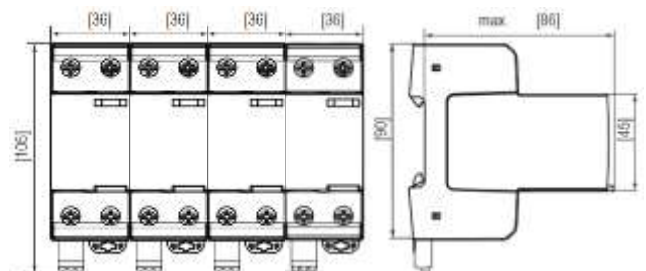
The backup fuse disconnecter is integrated; no additional disconnecter is needed.


Description

Spark-gap based, pluggable SPD with integrated backup fuse and remote signal contact.

Technical specifications

- Dimensions: (width) 8 standard modules
- Mounting on a rail DIN 35.
- Max steady-state voltage U_c : 255Vac ;
- Compatible earthing systems : TT, TN
- Voltage protection level U_p (L/PE – N/PE): 1.5kV
- Type of connection : CT1 (common mode).
- Nominal discharge current I_n (8/20 μ s): 25kA
- Maximal discharge current I_{max} (8/20 μ s): 65kA
- Impulse current I_{limp} (10/350 μ s): 25kA
- Total impulse current 75kA (10/350 μ s)
- Short circuit withstand capacity (I_{scrr}) : 75kArms with integrated backup fuse.
- Compliance with the standard NF EN 61643-11.
- Operating temperature range : -40/+85°C
- Contact de signalisation : NO/NC - 1A/250Vac – 0.5A/48Vdc / terminal 1.5mm²
- Connection terminals 25mm² / 35 mm² rigid
- Dimensions : 144x93x105mm
- possible in IT neutral connection in 127/220V system.


Product description

Spark gap-based modular pluggable SPD. Type 1 / Type 2, $I_{limp} 25kA$ (10/350 μ s) per pole, $I_n=25kA$, I_{max} 65kA, $U_p=1.5kV$, $U_n = 230/400V$, $U_c=255Vac$. Integrated backup fuse, I_{scrr} 75kA.

Accessories and spare parts

Spare parts :

- SPD cartridge, code 177600 VAAKT1PT1D25FI75