Technical datasheet FT-174018



VAAMC2TG2D40TIVTS – Compact, type 2/3, 2-pole, pluggable surge protection device (SPD), Imax 40kA with remote status signal contact.

Designation

VARIO® modular pluggable compact 2-pole surge protection device (SPD) for exposed sites, In = 20kA, Up = 1.25 / 1.5kV, Uc = 275Vac, compatible with TT and TN earthing systems.

Application

Tertiary, industrial buildings

The VAAMC2TG2D40TIVTS module (174018) is designed to protect single-phase electrical installations in TT or TN earthing system. This device is to be connected downstream from a differential circuit breaker for the protection of installations with low power supply and located on a site exposed to lightning, or for the close protection of fragile equipment.

Description

Varistor/spark gap based, type 2/3, 4-pole, pluggable surge arrester with remote status signal contact.

Technical specifications

- Dimensions: (width) 1 standard module
- Nominal voltage Un : 230/400Vac
- Max steady-state voltage Uc : 275Vac ;
- Compatible earthing systems : TT, TN
- Voltage protection level Up : 1.25/1.5kV (L-N / L-PE);
- Open-circuit shock voltage Uoc : 20kV
- Nominal discharge current In: 20kA
- Maximal discharge current Imax: 40kA
- Short circuit withstand capacity Isccr : 20kArms
- Recommended disconnector: C25A circuit breaker or 32AgG fuses (maximum fuses 63A).
- Internal connection : CT2
- Compliance with NF EN 61643-11 Type 2 / Type 3 standard
- Remote signal contact NO/NC, 250Vac/0.5A – 48Vdc/0.5A
- Operating temperature : -20/+65°C - Storage temperature : -40/+70°C

Installation specifications

Mounting on DIN35 rail, recommended disconnector to install: circuit breaker 25A curve C or Fuses 32A gG. Connectors' lengths between earthing and active conductors should be as short as possible (<50cm).

Product description

Varistor-based modular type 2/3 pluggable SPD. In=20kA, Up=1.25/1.5kV, Uc=275Vac.

Accessories and spare parts

Spare parts :

- Imax 40kA Phase / Neutral SPD cartridge for compact bipolar module, code 170506

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