

## INDUSTRIAL COMPONENT DATA

# F-MS-T1/T2 50 ST 2800191 PHOENIX CONTACT Type 1/2 surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: F-MS-T1/T2 50 ST



|                 |                                                                   |
|-----------------|-------------------------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                                   |
| MPN / Reference | F-MS-T1/T2 50 ST                                                  |
| Catalog number  | 2800191                                                           |
| Category        | Accessories/spare parts for surge protection power supply systems |
| Minimum order   | 10 Pcs                                                            |
| Document ID     | EO-69EF29591B                                                     |
| Generated       | 2026-08-01                                                        |

## Product Overview

Type 1/2 surge protection plug

N-PE replacement connector for VAL-MS-T1/T2 335/12.5 lightning and surge current discharger.

N-PE replacement plug for VAL-MS-T1/T2 335/12.5 plug-in lightning/surge arrester.

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

|              |                                 |
|--------------|---------------------------------|
| Catalog path | PHOENIX CONTACT > Trabtech (TT) |
|--------------|---------------------------------|

## Additional Product Information

Technical dataProduct propertiesProduct type Replacement plug

Product family VALVETRAB MS

IEC test classification I / II

T1 / T2

T1

EN type T1 / T2

T1

IEC power supply system TN-S

TT

Type DIN rail module, two-section, divisible

Number of positions 1

Surge protection fault message optical

Data management status

Article revision 05

Insulation characteristics

Overvoltage category III

Pollution degree 2

Electrical propertiesNominal frequency fN 50 Hz (60 Hz)

Connection dataConnection method pluggable

DimensionsDimensional drawing

Width 17.7 mm

Height 47 mm

Depth 67.3 mm

Horizontal pitch 1 Div.

Material specificationsColor black (RAL 9005)

Flammability rating according to UL 94 V-0

CTI value of material 600

Insulating material PA 6.6/PBT

Material group I

Housing material PA 6.6

PBT

Protective circuitMode of protection N-PE

Direction of action N-PE

Nominal voltage UN 240/415 V AC (TN-S)

240/415 V AC (TT)

Nominal frequency fN 50 Hz (60 Hz)

Maximum continuous voltage UC 264 V AC

Residual current IPE  $\leq 5 \mu\text{A}$

Standby power consumption PC  $\leq 1.3 \text{ mVA}$

Nominal discharge current  $I_n(8/20) \mu\text{s}$  50 kA

Maximum discharge current  $I_{\text{max}}(8/20) \mu\text{s}$  50 kA

Impulse discharge current (10/350)  $\mu\text{s}$ , charge 25 As

Impulse discharge current (10/350)  $\mu\text{s}$ , specific energy 625 kJ/?

Impulse discharge current (10/350)  $\mu\text{s}$ , peak value  $I_{\text{imp}}$  50 kA

Follow current interrupt rating  $I_{\text{fi}}$  100 A (264 V AC)

Voltage protection level  $U_p \leq 1.7 \text{ kV}$

Residual voltage  $U_{\text{res}} \leq 0.6 \text{ kV}$  (at  $I_n$ )

$\leq 0.5 \text{ kV}$  (at 10 kA)

$\leq 0.5 \text{ kV}$  (at 5 kA)

$\leq 0.4 \text{ kV}$  (a...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / F-MS-T1/T2 50 ST with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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