

INDUSTRIAL COMPONENT DATA

VAL-MS-T1/T2 335/12.5 ST 2800190 PHOENIX CONTACT Type 1/2 surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: VAL-MS-T1/T2 335/12.5 ST



Manufacturer	PHOENIX CONTACT
MPN / Reference	VAL-MS-T1/T2 335/12.5 ST
Catalog number	2800190
Category	Accessories/spare parts for surge protection power supply systems
Minimum order	10 Pcs
Document ID	EO-25F0B86BFC
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Product Overview

Type 1/2 surge protection plug

Replacement L-N connector for lightning current and plug-in surge discharger VAL-MS-T1/T2 335/12.5.

L-N 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)
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Additional Product Information

Technical dataProduct propertiesProduct type Replacement plug

Product family VALVETRAB MS

IEC test classification I / II

T1 / T2

EN type T1 / T2

IEC power supply system TN-C

TN-S

TT

Type DIN rail module, two-section, divisible

Number of positions 1

Surge protection fault message optical

Data management status

Article revision 07

Insulation characteristics

Overvoltage category III

Pollution degree 2

Electrical properties Nominal frequency fN 50 Hz (60 Hz)

Connection data Connection method pluggable

Dimensions Dimensional drawing

Width 17.7 mm

Height 47 mm

Depth 67.3 mm

Horizontal pitch 1 Div.

Material specifications Color 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 circuit Mode of protection L-N

L-PEN

Direction of action L-N / L-PEN

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

240/415 V AC (TT)

Nominal frequency fN 50 Hz (60 Hz)

Maximum continuous voltage UC 335 V AC

Residual current IPE $\leq 800 \mu\text{A}$

Standby power consumption PC $\leq 270 \text{ mVA}$

Nominal discharge current $I_n(8/20) \mu\text{s}$ 12.5 kA

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

Impulse discharge current (10/350) μs , charge 6.25 As

Impulse discharge current (10/350) μs , specific energy 39 kJ/?

Impulse discharge current (10/350) μs , peak value I_{imp} 12.5 kA

Short-circuit current rating ISCCR 25 kA

Voltage protection level Up $\leq 1.2 \text{ kV}$

$\leq 1.6 \text{ kV}$ (30 kA - 8/20 μs)

Residual voltage Ures $\leq 1.2 \text{ kV}$ (at I_n)

$\leq 1.1 \text{ kV}$ (a...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VAL-MS-T1/T2 335/12.5 ST with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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