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-863F3CD8DB
Generated	2026-11-18

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 lighting/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
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 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 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 <= 800 µA
Standby power consumption PC <= 270 mVA
Nominal discharge current In(8/20) µs 12.5 kA
Maximum discharge current Imax(8/20) µs 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 limp 12.5 kA
Short-circuit current rating ISCCR 25 kA
Voltage protection level Up <= 1.2 kV
<= 1.6 kV (30 kA - 8/20 µs)
Residual voltage Ures <= 1.2 kV (at In)
<= 1.1 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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