INDUSTRIAL COMPONENT DATA

VAL-MS 230 ST 2798844 PHOENIX CONTACT Type 2 surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: VAL-MS 230 ST



Manufacturer	PHOENIX CONTACT
MPN / Reference	VAL-MS 230 ST
Catalog number	2798844
Category	Accessories/spare parts for surge protection power supply systems
Minimum order	1 Pcs
Document ID	EO-1F367D6F2B
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Product Overview

Type 2 surge protection plug
Plug-in type 2 surge protection with high-power varistor for VAL-MS base element, with thermal control, optical fault indication. Execution: 230 V AC
Surge protection connector type 2 with high-capacity varistor for VAL-MS base element, thermal monitoring, visual fault warning. Design: 230 V AC

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 II
T2
EN type T2
IEC power supply system TN
TT
Type DIN rail module, two-section, divisible
Number of positions 1
Surge protection fault message optical
Arrester can be tested with CHECKMASTER from software version: From SW rev. 1.10

Data management status
Article revision 27
Insulation characteristics
Overvoltage category III
Pollution degree 2
Electrical propertiesNominal frequency fN 50 Hz (60 Hz)
Connection dataConnection method pluggable
DimensionsDimensional drawing
Width 17.5 mm
Height 52.4 mm
Depth 55.3 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
Material group I
Housing material PA 6.6
Protective circuitMode of protection L-N
L-PEN
Direction of action 1L-N/PE
Nominal voltage UN 240/415 V AC (TN)
240/415 V AC (TT)
Nominal frequency fN 50 Hz (60 Hz)
Maximum continuous voltage UC 275 V AC
Residual current IPE <= 0.45 mA
Standby power consumption PC <= 120 mVA
Nominal discharge current In(8/20) µs 20 kA
Maximum discharge current Imax(8/20) µs 40 kA
Short-circuit current rating ISCCR 25 kA
Voltage protection level Up <= 1.35 kV
Residual voltage Ures <= 1.35 kV (at In)
<= 1.1 kV (at 10 kA)
<= 1 kV (at 5 kA)
<= 0.9 kV (at 3 kA)
TOV behavior at UT 335 V AC (5 s / withstand mode)
440 V AC (120 min / safe failure mode)
Response time tA <= 25 ns
Max....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VAL-MS 230 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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