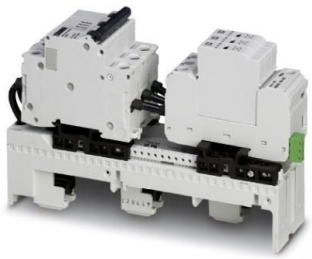
INDUSTRIAL COMPONENT DATA

VAL-CP-MOSO 60-3C-FM 2804416 PHOENIX CONTACT Type 2 surge arrester

Brand: PHOENIX CONTACT | Manufacturer Part Number: VAL-CP-MOSO 60-3C-FM



Manufacturer	PHOENIX CONTACT
MPN / Reference	VAL-CP-MOSO 60-3C-FM
Catalog number	2804416
Category	Surge protection device for power supply systems
Minimum order	1 Pcs
Document ID	EO-143C9DC16F
Generated	2026-11-18

Product Overview

Type 2 surge arrester
Combination of type 2 surge protection and arrester pre-fuse, with arrester monitoring, in combination with status indication and remote indication contact. Version: 4-conductor system (L1, L2, L3, PEN), installation in 60 mm system technology (busbar system)

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

Key Commercial Data
Orderkey 2804416
Packing unit 1 pc
Catalog page Page 68 (C-4-2017)
GTIN 4046356317832
Weight per Piece (excluding packing) 1,200.000 g
Custom tariff number 85363010
Country of origin DE (Germany)
Dimensions
Height 220 mm
Width 54 mm
Depth 134 mm

Ambient conditions
Degree of protection IP20
Ambient temperature (operation) -25 °C ... 55 °C
Ambient temperature (storage/transport) -40 °C ... 75 °C
Altitude <= 2000 m (amsl (above mean sea level))
Permissible humidity (operation) 5 % ... 95 %
General
IEC test classification II
T2
EN type T2
IEC power supply system TN-C
TT
Mode of protection L-PEN
Mounting type 60 mm system technology (power rail)
Color blue-gray
jet black RAL 9005
Housing material PBT
PA 6
PA 6.6
Degree of pollution 2
Flammability rating according to UL 94 V-0
Type Module for 60 mm system technology
Number of positions 3
Surge protection fault message Optical, remote indicator contact
Protective circuit
Nominal voltage UN 240/415 V AC (TN-C)
240/415 V AC (TT)
Nominal frequency fN 50 Hz (60 Hz)
Maximum continuous voltage UC 350 V AC
Nominal discharge current In(8/20) µs 20 kA
Maximum discharge current Imax(8/20) µs 25 kA
Short-circuit current rating ISCCR 25 kA
Voltage protection level Up <= 2.5 kV
Residual voltage Ures <= 2.1 kV (at In)
<= 1.9 kV (at 10 kA)
<= 1.8 kV (at 5 kA)
<= 1.7 kV (at 3 kA)
TOV behavior at UT 415 V AC (5 s / withstand mode)
440 V AC (120 min / safe failure mode)
Response time tA <= 25 ns
Max. backup fuse with branch wiring not r...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VAL-CP-MOSO 60-3C-FM 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.