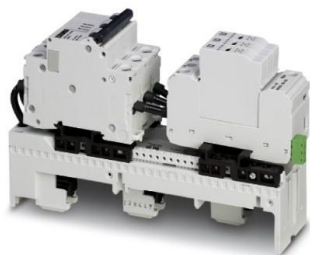


INDUSTRIAL COMPONENT DATA

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-AA295C5214
Generated	2026-08-02

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 $\leq$ 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 f_N 50 Hz (60 Hz)

Maximum continuous voltage UC 350 V AC

Nominal discharge current $I_n(8/20)$ μ s 20 kA

Maximum discharge current $I_{max}(8/20)$ μ s 25 kA

Short-circuit current rating ISCCR 25 kA

Voltage protection level $U_p \leq$ 2.5 kV

Residual voltage $U_{res} \leq$ 2.1 kV (at I_n)

$\leq$ 1.9 kV (at 10 kA)

$\leq$ 1.8 kV (at 5 kA)

$\leq$ 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 $t_A \leq$ 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.