

**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       | 2026-08-04                                       |

## 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

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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  $I_n(8/20)$   $\mu$ s 20 kA

Maximum discharge current  $I_{max}(8/20)$   $\mu$ 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](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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