Data sheet

16004.2 CP VH 40-2



Overvoltage arrester type 2, Consisting of base element and protective plug with high-performance varistor, remote signalling contact, Mounting type: Mounting rail TS 35, 2-channel, Rated voltage: 230 VAC

Business data

Article number	16004.2
Article name	CP VH 40-2
GTIN (EAN)	4044211144517
Packaging unit	1
Quantity unit	PC
Weight per piece (not including packaging)	199.8 g
Weight per piece (including packaging)	215.9 g
Unit of weight	G
Customs number	85354000
Country of origin	CN
Product description	Overvoltage arresters

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Technical data

Dimensions	
Length	100.6 mm
Width	36 mm
Height	70 mm
Installation dimensions acc. to DIN 43880	2 Te

Ratings	
Rated voltage Un	230 / 400 -
Rated discharge surge current In (8/20) µs	40 kA
Rated frequency min.	50 Hz
Rated frequency max.	60 Hz
Short-circuit resistance Ip	25 kA

Connection data	
Connection principle	Screw connection
Wire cross-section single core (rigid), min.	4 mm²
Wire cross-section single-core (rigid), max.	25 mm²
Wire cross-section stranded, min.	4 mm²
Wire cross-section stranded, max.	25 mm²
Wire cross-section stranded with wire-end ferrules, min.	25 mm²
Wire cross-section stranded with wire-end ferrules, max.	4 mm²

Output data	
Switching current, max. at 30 V DC	2 A
Switching current, max. at 250 V AC	0.5 A
Remote signalling	Potential-free CO contact
Remote signalling: Wire cross-section single-core (rigid), max.	1,5 mm²

Materials	
Insulation housing	Thermoplastic
Flammability class UL 94	V-0
Working temperature, min.	-40 °C
Working temperature, max.	85 °C

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Technical data

Further technical data

Protection class	IP20
Response time tA	<25 ns
Max. continuous voltage Uc	280 V
Discharge current Imax (8/20) µs, max.	80 kA
Protection level Up	<1,25 kV
Residual voltage Ures (5 kA)	<0,5 kV
Operating current Ic	<1 mA
Follow-on current If	None
Follow-on current extinguishing capacity Ifi	Infinite
TOV voltage Ut (L-N)	340 V / 5 s
Series fuse, max.	125 A
Malfunction display	Mechanical, red
Type of mains network	TN (2+0)

Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2022-06-10
REACH Candidate Substance Note	No
RoHS Conform	yes

Approvals

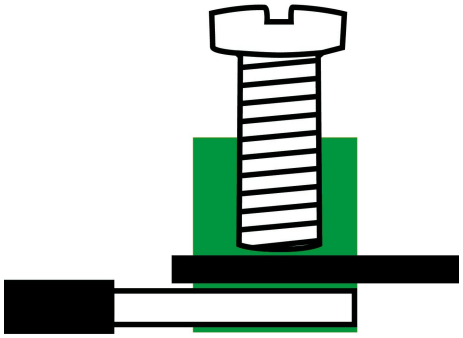
Standards and regulations

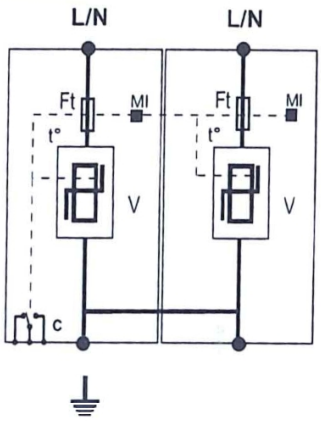
DIN EN 61643-11 (Germany)	Arrester type 2
EN 61643-11 (Europe)	Low voltage SPD - Class II test
IEC 61643-1 (International)	Low voltage SPD - Class II test
UL1449 ed.2 (USA)	Low voltage TVSS

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Media





Data sheet

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Accessories