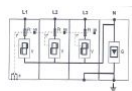
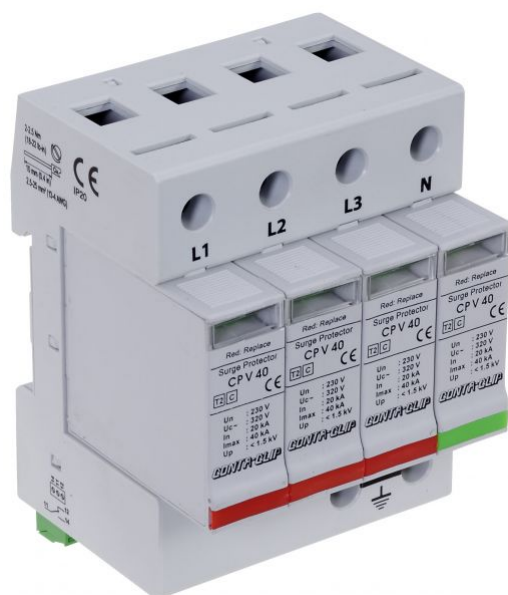


## 16006.2

## CP VH 40-4 TT

## CP VH 40-4 TT



Overvoltage arrester type 2, Consisting of base element and protective plug with high-performance varistor and gas discharge tube, remote signalling contact, Mounting type: Mounting rail TS 35, 4-channel, Rated voltage: 230 VAC

### Business data

Product description	Overvoltage arresters
Packaging unit	1
Quantity unit	PC
Weight per piece (not including packaging)	343.2
Weight per piece (including packaging)	368.5
Unit of weight	G
Customs number	85354000
Country of origin	FR

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Creation date 08.06.2020 11:54:41  
 Subject to technical modifications

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CP VH 40-4 TT

CP VH 40-4 TT

## Technical Data

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### Dimensions

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Length	100.6 mm
Width	72 mm
Height	70 mm
Installation dimensions acc. to DIN 43880	4 Te

### Ratings

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Rated voltage $U_n$	230 / 400
Rated discharge surge current $I_n$ (8/20) $\mu$ s	80 kA
Rated frequency min.	50 Hz
Rated frequency max.	60 Hz
Short-circuit resistance $I_p$	25 kA

### Connection data

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Connection principle	Screw connection
Wire cross-section single core (rigid), min.	4 mm <sup>2</sup>
Wire cross-section single-core (rigid), max.	25 mm <sup>2</sup>
Wire cross-section stranded, min.	4 mm <sup>2</sup>
Wire cross-section stranded, max.	25 mm <sup>2</sup>

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## Technical Data

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### Connection data

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Wire cross-section stranded with wire-end ferrules, min.	25 mm <sup>2</sup>
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Wire cross-section stranded with wire-end ferrules, max.	4 mm <sup>2</sup>
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### Output data

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Switching current, max. at 30 V DC	2 A
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Switching current, max. at 250 V AC	0,5 A
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Remote signalling	Potential-free CO contact
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Remote signalling: Wire cross-section single-core (rigid), max.	1,5 mm <sup>2</sup>
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### Materials

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

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### Further technical data

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Protection class	IP20
Response time $t_A$	<25 ns
Max. continuous voltage	280 V
Discharge current $I_{max}$ (8/20) $\mu$ s, max.	150 kA
Protection level $U_p$	<1,25 kV
Residual voltage $U_{res}$ (5 kA)	<0,5 kV
Operating current $I_c$	<1 mA
Follow-on current $I_f$	None
Follow-on current extinguishing capacity $I_{fi}$	Infinite
TOV voltage $U_t$ (L-N)	340 V / 5 s
Series fuse, max.	125 A
Malfunction display	Mechanical, red
Type of mains network	TT (3+1)
TOV voltage $U_t$ (N-PE)	1200 V / 200 ms / 300 A

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**CP VH 40-4 TT**

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## Approvals

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### Standards and regulations

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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

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