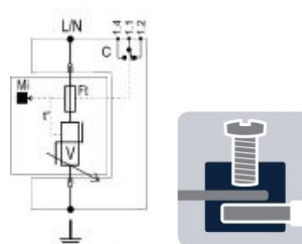


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CP V 40-1

CP V 40-1



Overvoltage arrester type 2, Consisting of base element and protective plug with high-performance varistor, Mounting type: Mounting rail TS 35, 1-channel, Rated voltage: 230 VAC

## Business data

Product description	Overvoltage arresters
Packaging unit	1
Quantity unit	PC
Weight per piece (not including packaging)	102.6
Weight per piece (including packaging)	113.9
Unit of weight	G
Customs number	85354000
Country of origin	FR

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CP V 40-1

CP V 40-1

## Technical Data

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### Dimensions

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Length	90 mm
Width	18 mm
Height	70 mm
Installation dimensions acc. to DIN 43880	1 Te

### Ratings

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Rated voltage Un	230 / 400
Rated discharge surge current In (8/20) $\mu$ s	20 kA
Rated frequency min.	50 Hz
Rated frequency max.	60 Hz
Short-circuit resistance Ip	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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### 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.	40 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 gL A
Malfunction display	Mechanical, red
Type of mains network	TNC, TNS

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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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