

Data sheet

16002.2 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

| | |
|--|-----------------------|
| Article number | <u>16002.2</u> |
| Article name | CP V 40-1 |
| GTIN (EAN) | 4044211144494 |
| Packaging unit | 1 |
| Quantity unit | PC |
| Weight per piece (not including packaging) | 102.6 g |
| Weight per piece (including packaging) | 113.9 g |
| Unit of weight | G |
| Customs number | 85354000 |
| Country of origin | CN |
| Product description | Overvoltage arresters |

Technical data

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) μ 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 ² |
| Wire cross-section single-core (rigid), max. | 25 mm ² |
| Wire cross-section stranded, min. | 4 mm ² |
| Wire cross-section stranded, max. | 25 mm ² |
| Wire cross-section stranded with wire-end ferrules, min. | 25 mm ² |
| Wire cross-section stranded with wire-end ferrules, max. | 4 mm ² |

Materials

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

Technical data

Further technical data

| | |
|---|-----------------|
| Protection class | IP20 |
| Response time t_A | <25 ns |
| Max. continuous voltage U_c | 280 V |
| Discharge current I_{max} (8/20) μs , 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 |

Environmental Product Compliance

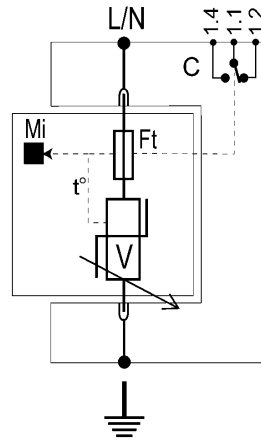
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|--------------------------------|------------|
| REACH Conform | yes |
| REACH Reference date | 2024-01-23 |
| REACH Candidate Substance Note | No |
| RoHS Conform | yes |

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 |

Media



Accessories
