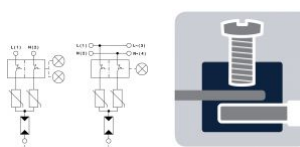
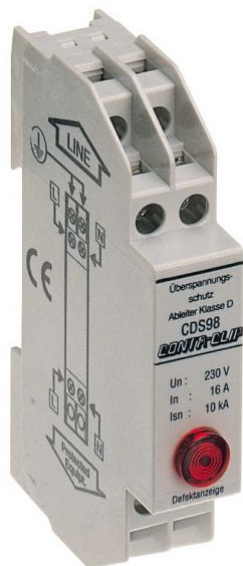


6471.2

CDS 98

CDS 98



Overvoltage arrester type 3 with high-performance varistor, Mounting type: Mounting rail TS 35, 2-channel, Rated voltage: 230 VAC

Business data

Product description	Overvoltage arresters
Packaging unit	1
Quantity unit	PC
Weight per piece (not including packaging)	70.1
Weight per piece (including packaging)	81.7
Unit of weight	G
Customs number	85354000
Country of origin	FR

6471.2

CDS 98

CDS 98

Technical Data

Dimensions

Length	90 mm
Width	18 mm
Height	61 mm
Installation dimensions acc. to DIN 43880	1 Te

Ratings

Rated voltage Un	230 / 400
Rated discharge surge current In (8/20) μ s	10 kA
Rated frequency min.	50 Hz
Rated frequency max.	60 Hz
Short-circuit resistance Ip	10 kA

Connection data

Connection principle	Screw connection
Wire cross-section single core (rigid), min.	1.5 mm ²
Wire cross-section single-core (rigid), max.	10 mm ²
Wire cross-section stranded, min.	1.5 mm ²
Wire cross-section stranded, max.	10 mm ²

6471.2

CDS 98

CDS 98

Technical Data

Connection data

Wire cross-section stranded with wire-end ferrules, min.	10 mm ²
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Wire cross-section stranded with wire-end ferrules, max.	1.5 mm ²
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Materials

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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6471.2

CDS 98

CDS 98

Technical Data

Further technical data

Protection class	IP20
Response time t_A	<25 ns
Max. continuous voltage	400 V
Discharge current I_{max} (8/20) μ s, max.	20 kA
Protection level U_p	1,5 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)	400 V / 5 s
Series fuse, max.	40 A
Malfunction display	red LED

6471.2

CDS 98

CDS 98

Approvals

Standards and regulations

DIN EN 61643-11 (Germany)

Arrester type 3

EN 61643-11 (Europe)

Low voltage SPD - Class III test

IEC 61643-1 (International)

Low voltage SPD - Class III test

UL1449 ed.2 (USA)

Low voltage TVSS

6471.2

CDS 98

CDS 98

Media

