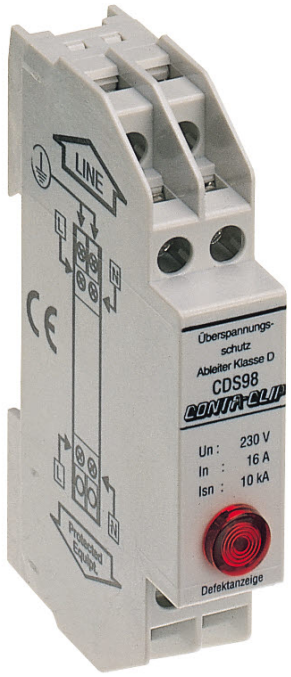
Data sheet

6471.2 CDS 98



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

Business data

Article number	6471.2
Article name	CDS 98
GTIN (EAN)	4044211074142
Packaging unit	1
Quantity unit	PC
Weight per piece (not including packaging)	62.2 g
Weight per piece (including packaging)	73.9 g
Unit of weight	G
Customs number	85354000
Country of origin	CN
Product description	Overvoltage arresters

Data sheet
6471.2 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) µs	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 mm²
Wire cross-section single-core (rigid), max.	10 mm²
Wire cross-section stranded, min.	1.5 mm²
Wire cross-section stranded, max.	10 mm²
Wire cross-section stranded with wire-end ferrules, min.	10 mm²
Wire cross-section stranded with wire-end ferrules, max.	1.5 mm²

Materials

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

Data sheet
6471.2 CDS 98

Technical data

Further technical data

Protection class	IP20
Response time tA	<25 ns
Max. continuous voltage Uc	400 V
Discharge current Imax (8/20) µs, max.	20 kA
Protection level Up	1,5 kV
Operating current Ic	<1 mA
Follow-on current If	None
Follow-on current extinguishing capacity Ifi	Infinite
TOV voltage Ut (L-N)	400 V / 5 s
Series fuse, max.	40 A
Malfunction display	red LED

Environmental Product Compliance

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

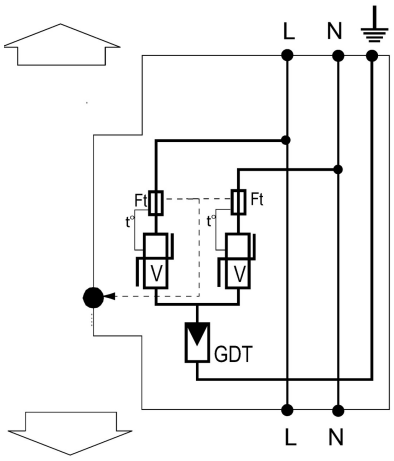
Approvals

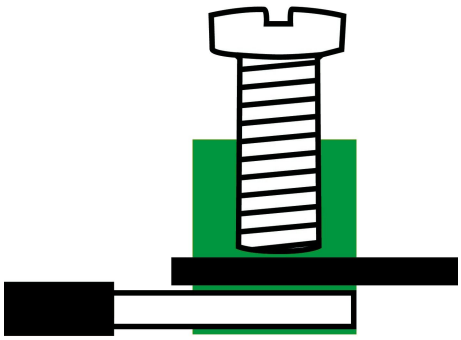
Standards and regulations

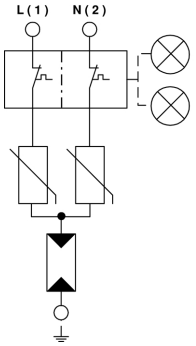
DIN EN 61643-11 (Germany)	Arrester type 3
EN 61643-11 (Europe)	Low voltage SPD - Class III test
IEC 61643-1 (International)	Low voltage SPD - Class III test
UL1449 ed.2 (USA)	Low voltage TVSS

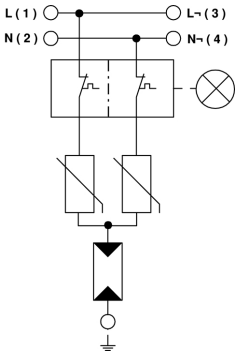
Data sheet
6471.2 CDS 98

Media









Accessories