

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

### 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 mm <sup>2</sup>
Wire cross-section single-core (rigid), max.	10 mm <sup>2</sup>
Wire cross-section stranded, min.	1.5 mm <sup>2</sup>
Wire cross-section stranded, max.	10 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules, min.	10 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules, max.	1.5 mm <sup>2</sup>

#### Materials

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 $U_c$	400 V
Discharge current $I_{max}$ (8/20) $\mu s$ , 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

#### Environmental Product Compliance

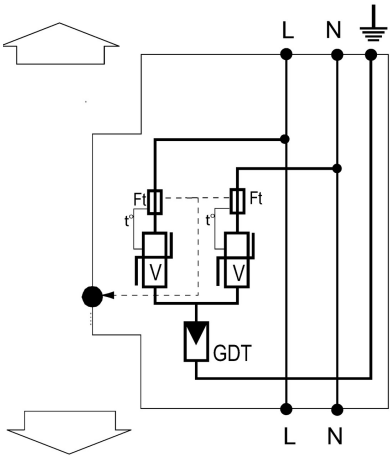
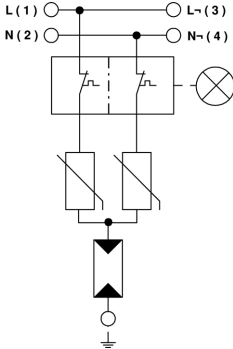
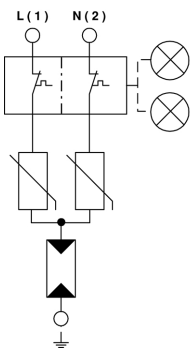
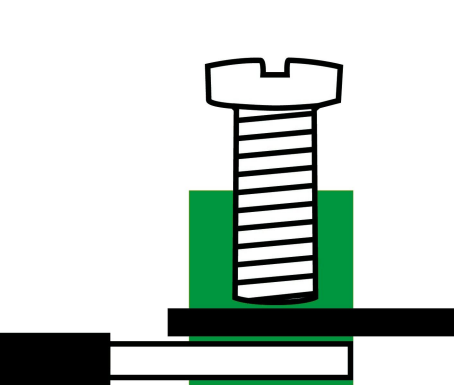
REACH Conform	yes
REACH Reference date	2023-06-14
REACH Candidate Substance Note	No
RoHS Conform	yes

**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

Media



---

**Accessories**

---