



Approvals

Approvals



Dimensions

Length	90 mm
Height	61 mm
Width	72 mm

Conductors for clamping

Flexible, min.	10 mm ²
Solid, max.	50 mm ²
Flexible w. ferrule, min (DIN 46338-1)	6 mm ²
Flexible w. ferrule, max (DIN 46338-1)	25 mm ²
Flexible, max.	25 mm ²
Solid, min.	6 mm ²
Stranded, min.	16.0 mm ²
Stranded, max.	25.0 mm ²
Rated cross-section	10 mm ²
Tightening torque range	4.5 Nm
Type of connection	Screw connection
Connection system	Screw

General data

Segment	Energy distribution
Version	without telecomm. contact
Mass	600.00 g
Mounting rail	TS 35
Height with TS 35	63.0 mm
Design	installation housing

Insulation coordination to EN 50178

Pollution severity	2
Overvoltage category	III

Interference voltage

On output side (L / N - PE) at max. surge current, typ	2000 V
On output side (L - N) at max. surge current, typ.	2000 V

Protective elements

Suppressor diodes	No
Varistor	Yes
Gas discharger	No
Optical function indicator	green = OK; red = arrester faulty, replace

Technical specification

Rated voltage (AC)	230 V
According to DIN VDE 0675-6	Requirement class B
Colour	Black
Response time	< 25 ns
AC/DC/UC	AC
Back-up fuse, max.	160 A gl
Specific energy, per path	100.00 kJ/Ω
Requirement class acc. to IEC 61643-1	Class I
Monitoring contact	250 V 1A 1CO
lightening test voltage imp (10/350 μs)	25 kA
Protection level Up (typ.)	2000.00 V
Discharge current, max. (10/350 μs)	25.00 kA pro Scheibe
Leakage current, max. (8/20 μs)	100 kA
Operating voltage Uc (ac), max.	275 V
Mains frequency at max. 250 V	50...60 Hz

Type of terminal

Type of terminal	Insta
------------------	-------

information boxes, print catalogue

Information accessories	Plug-in spare arrester, 275 V PU 0 B 8381880000
-------------------------	----------------------------------------------------

General ordering data

Material number	8147020000
Short text for material	PU 4 B 275 VAC
Article description	Overvoltage Protection Class B

Related products

Material number	Short text for material
8291640000	PU 4 BR 275 VAC