

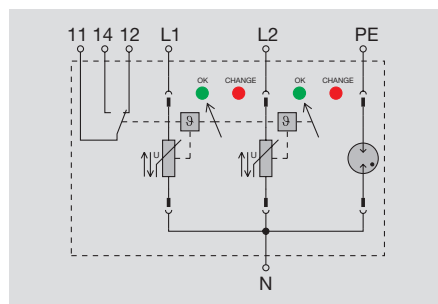
Surge protection for low-voltage supplies

Class II with varistors

Surge protection of class II
with U_c : 550 V

- plug-in varistor top section
- coded voltage level, var. voltds.
- high energy absorption with short response time
- 180° rotatable insert
- no follow current
- installation in Insta distributor
- thermal safety function
- coordination between class I with U_p : <1.5 kV
- application photovoltaic

PU II 2+1/R 550 V / 40 kA



Technical data

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PV voltage to IEC 60364-7-712
max. continuous current, DC [(L+/-) → PE]
Rated voltage
max. continuous current, U_c (AC)
max. continuous current, U_c (DC)
Requirements class to IEC 61643-1
Rated discharge current (8/20 μ s)
Limiting discharge current (8/20 μ s)
Discharge current, max. (8/20 μ s)
Response time
Fuse, max.
Protection level at I_n (U_p)
Protection level at 5 kA (U_p)
Temporary surge - U_{TOV}
Optical function indicator
Signalling contact
Design
Colour
Operating temperature
Storage temperature
Approvals

≤ 1000 V
400 V
550 V
550 V
745 V
Class II *
20 kA
40 kA
40 kA
≤ 25 ns
125 A gL
< 2650 V
< 1700 V
550 V
green = OK; red = arrester faulty, replace
250 V 1A 1CO at PU II 2+1 R
3 E ;Installation housing
Base black, arrester red / blue
-40 ... 80°C
-40 ... 80°C
CE, ÖVE, cURus in preparation

Dimensions

Clamping range (rating- / min. / max.)	mm ²
Length x width x height	mm

Note

without telecomm. contact with telecomm. contact

25 / 4 / 25	25 / 4 / 25
90 x 54 x 58	99 x 54 x 58

* this product also satisfies the requirements of Class III with U_{oc} : 6kV

Ordering data

Version

without telecomm. contact
with telecomm. contact

Type	Qty.	Order No.
PU II 2+1 550V/40kA	1	8882340000
PU II 2+1R 550V/40kA	1	8882350000

Note

Accessories

Note

Plug-in spare arrester PU II 0 550V / 40kA - 8860120000
Plug-in spare arrester PU II 0 N-PE 280V / 40kA - 8871940000