

**PU-Series
PU III R 120V/6kV**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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**Class III surge protection**

- compact class III for AC protection in accordance with IEC61643-11/EN61643-11
- suitable for protecting end devices
- Installed in the vicinity of the equipment to be protected
- PO D AS with LED and acoustic signal
- Can be used as a single-port arrester if rated current is greater than 16 A.

General ordering data

Type	PU III R 120V/6kV
Order No.	8860340000
Version	PU-Series, Surge protection, Low voltage, 120 V, with telecomm. contact
GTIN (EAN)	4032248584284
Qty.	1 pc(s).
Product life cycle	This article will no longer be available in the future.
Discontinuation date	2013-04-30T00:00:00+02:00

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Technische Daten

Dimensions and weights

Width	18 mm	Height	102 mm
Depth	71.5 mm	Net weight	89 g

Temperatures

Operating temperature	-40 °C...+40 °C	Storage temperature	-40 °C...+40 °C
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General data

Colour	Bright orange	Design	Installation housing; 1TE
Mounting rail	TS 35	Optical function display	Green LED = OK
Protection degree	IP 20	Segment	Power distribution

Interference voltage

On output side (L - N) at max. discharge current; smaller	650 V	On output side (L /N - PE) at max. discharge current; smaller	1,500 V
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technical data

Rated voltage (AC)	120 V	Rated current	16 A
Rated voltage	120 V	Max. continuous voltage, U _c (AC)	150 V
Operating current, I _{max}	16 A	Combined pulse U _{OC}	6 kV
Fuse, max.	16 A	Discharge current, nominal, per path, (8/20 μs)	3 kA
Protection level U _p at nominal Discharge current (8/20 μs), per path	< 700 V	Protection level U _p L (PE) - N	≤ 1500 V
Protection level U _p L - N	≤ 650 V	Leakage current at U _n	1 μA
Signalling contact	250 V 1 A 1 NC	Acc.to DIN VDE 0675-6	Requirements class D
Colour	Bright orange	AC/DC/UC	AC
Requirements class, acc. to EN 61643-11	T3	Requirements category acc. to IEC 61643-11	Type III
Response time	≤ 150 ns	Cross-section	2.5 mm ²
Mains frequency at 250 Vmax	50...60 Hz		

Connection data

Clamping range, rated connection	2.5 mm ²	Clamping range, rated connection, min.	0.5 mm ²
Clamping range, rated connection, max.	2.5 mm ²	Wire connection cross section, stranded, rated connection, min.	0.5 mm ²
Wire connection cross section, stranded, rated connection, max.	2.5 mm ²	Tightening torque, min.	0.4 Nm
Tightening torque, max.	0.6 Nm		

Power protection Class III

Combined pulse U _{OC}	6 kV	Max. continuous voltage, U _c (AC)	150 V
Rated current	16 A	Rated voltage (AC)	120 V

Classifications

ETIM 3.0	EC000941	UNSPSC	30-21-19-21
eClass 5.1	27-13-08-01	eClass 6.2	27-13-08-02
eClass 7.1	27-14-02-01		

Datenblatt**PU-Series**
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Approvals



ROHS

Conform

Downloads

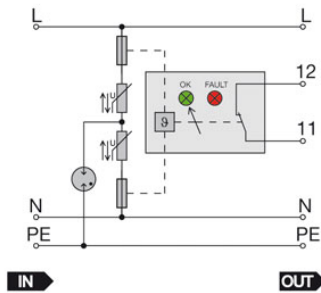
Package insert	Instruction sheet PU III
Declaration of Conformity	CE document
EPLAN	8860340000.ema

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Zeichnungen

Electric symbol



Circuit diagram