

VPU II 0 N-PE 260V/40KA

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Spare arrester Type II

Weidmüller VPU II surge protection products protect low-voltage consumer installations and electronic devices against overvoltages that can occur as a result of atmospheric discharges (thunderstorms) or switching operations (transients). The VPU II series meets the Type II and Type III requirements acc. to IEC 61643-11:2012 and Type 2 and Type 3 requirements acc. to EN 61643-11:2012. The spare arresters are coded and can only be inserted into suitable bases.

General ordering data

| | |
|------------|--|
| Version | Surge voltage arrester, Low voltage, Accessories, Spare arrester |
| Order No. | 1351180000 |
| Type | VPU II 0 N-PE 260V/40KA |
| GTIN (EAN) | 4050118158854 |
| Qty. | 1 pc(s). |

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Catalogue status 06.05.2022 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Depth | 64 mm | Depth (inches) | 2.52 inch |
| Height | 52 mm | Height (inches) | 2.047 inch |
| Width | 17.8 mm | Width (inches) | 0.701 inch |
| Net weight | 52 g | | |

Temperatures

| | | | |
|---------------------|-----------------------|-----------------------|----------------|
| Storage temperature | -40 °C...80 °C | Operating temperature | -40 °C...70 °C |
| Humidity | 5 - 95% rel. humidity | | |

General data

| | | | |
|--------------------------|----------------|---------------------------|---|
| Colour | blue | Design | Installation housing; 1TE, Insta IP 20 |
| Optical function display | No | Protection degree | IP20 |
| Rail | TS 35 | UL 94 flammability rating | V-0 |
| Version | Spare arrester | | |

Insulation coordination acc. to EN 50178

| | | | |
|--------------------|---|------------------------|-----|
| Pollution severity | 2 | Surge voltage category | III |
|--------------------|---|------------------------|-----|

Rated data IEC / EN

| | | | |
|---|----------------------------|---|-------------------|
| Combined pulse U_{OC} | 10 kV | Discharge current I_{max} (8/20 μ s) N-PE | 40 kA |
| Discharge current I_n (8/20 μ s) N-PE | 20 kA | Energy coordination (≤ 10 m) | Type II, Type III |
| Frequency range, max. | 60 Hz | Frequency range, min. | 50 Hz |
| Fuse | Not required | Leakage current at U_n | 1 μ A |
| Max. continuous voltage, U_c (N-PE) | 260 V | Number of poles | 1 |
| Protection level U_p at I_N (N-PE) | ≤ 1.5 kV | Rated voltage (AC) | 230 V |
| Requirements category acc. to IEC 61643-11 | Type II, Type III | Requirements class, acc. to EN 61643-11 | T2, T3 |
| Response time | ≤ 100 ns | Short-circuit current rating I_{SCCR} | 100 kA |
| Standards | IEC61643-11, EN61643-11 | Temporary surge voltage (over-voltage) - TOV | 1,200 V |
| Voltage type | AC | | |

Connection data

| | |
|--------------------|-----------|
| Type of connection | pluggable |
|--------------------|-----------|

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000941 | ETIM 7.0 | EC000941 |
| ETIM 8.0 | EC000941 | ECLASS 9.0 | 27-13-08-05 |
| ECLASS 9.1 | 27-13-08-05 | ECLASS 10.0 | 27-13-08-05 |
| ECLASS 11.0 | 27-13-08-05 | ECLASS 12.0 | 27-17-90-90 |

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Technical data

Tender specification sheets

| Long specification | Short specification |
|--|--|
| <p>Spare arrester consisting of V0 material for surge voltage arrester VPU II N-PE 440 V series. The pluggable high-performance varistors can be exchanged by trained personnel following a failure. Rated voltage: 440 V Type: Weidmüller VPU II 0 N-PE 440 V/40 kA Order No.: 1351180000</p> | <p>Spare arrester for surge voltage arrester VPU II N-PE 440 V series. The pluggable high-performance varistors can be swapped by trained personnel following a failure. Rated voltage: 440 V Type: Weidmüller VPU II 0 N-PE 440 V/40 kA Order no.: 1351180000</p> |

Important note

| | |
|---------------------|---|
| Product information | Only applicable to IT power systems where the earth on the distribution transformer is interconnected with the earth on the consumer side (RE=RA in Figure 44.A1 of IEC 60634-4-44:2018). |
|---------------------|---|

Approvals

Approvals



ROHS

Conform

Downloads

| | |
|---|---|
| Approval/Certificate/Document of Conformity | EAC VPU SERIES EU Konformitätserklärung / EU Declaration of Conformity |
| Engineering Data | EPLAN, WSCAD |
| User Documentation | Beipackzettel / Instruction sheet |
| Catalogues | Catalogues in PDF-format |

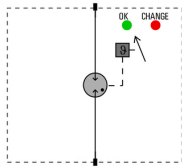
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Drawings

Electric symbol



Schematic circuit diagram