

UFBK 2-PE- 24DC-HF-ST - Surge protection plug



2781275

<https://www.phoenixcontact.com/us/products/2781275>

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Protective plug UFBK 2/2, for base element UFBK 2-PE...HF, two conductor protection in floating signal circuits

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 2781275 |
| Packing unit | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | CL02 |
| Product key | CL2121 |
| GTIN | 4017918068905 |
| Weight per piece (including packing) | 78.93 g |
| Weight per piece (excluding packing) | 78.93 g |
| Customs tariff number | 85363010 |
| Country of origin | DE |

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Technical data

Product properties

| | |
|--|-------------------|
| Arrester can be tested with TT-Tester from software version: | From SW rev. 6.00 |
| Arrester can be tested with CHECKMASTER from software version: | From SW rev. 1.00 |

Electrical properties

| | |
|-----------------------|---------|
| Nominal voltage U_N | 24 V DC |
|-----------------------|---------|

Dimensions

| | |
|------------------|--------|
| Horizontal pitch | 1 Div. |
|------------------|--------|

Material specifications

| | |
|--|----|
| Flammability rating according to UL 94 | V2 |
| Housing material | PA |

Protective circuit

| | |
|--|-----------------------|
| Nominal voltage U_N | 24 V DC |
| Nominal current I_N | 200 mA |
| Operating effective current I_C at U_C | $\leq 10 \mu\text{A}$ |
| Nominal discharge current I_n (8/20) μs (line-line) | 10 kA |
| Output voltage limitation at 1 kV/ μs (line-line) static | $\leq 40 \text{ V}$ |
| Output voltage limitation at 1 kV/ μs (line-earth) static | $\leq 650 \text{ V}$ |
| Response time t_A (line-line) | $\leq 500 \text{ ns}$ |
| Response time t_A (line-earth) | $\leq 100 \text{ ns}$ |
| Cut-off frequency f_g (3 dB), sym. in 50 Ω system | 200 MHz |
| Resistance per path | 22 Ω |

Environmental and real-life conditions

Ambient conditions

| | |
|----------------------|------|
| Degree of protection | IP20 |
|----------------------|------|

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Environmental product compliance

EU REACH SVHC

| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|
|-------------------------------------|----------------------------|

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