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Protective plug UFBK-M with two conductor protection in floating signal circuits. Nominal voltage: 24 V DC

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 2817055 |
| Packing unit | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | NULL |
| Product key | CL2121 |
| GTIN | 4017918129828 |
| Weight per piece (including packing) | 43.16 g |
| Weight per piece (excluding packing) | 39.176 g |
| Customs tariff number | 85363010 |
| Country of origin | DE |

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



2817055

<https://www.phoenixcontact.com/us/products/2817055>

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 |

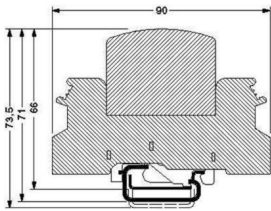
Electrical properties

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

Connection data

| | |
|---------------------------------------|---------------------|
| Connection method | Screw connection |
| Screw thread | M3 |
| Conductor cross section flexible min. | 0.2 mm ² |
| Conductor cross section flexible max. | 2.5 mm ² |
| Conductor cross section, rigid min. | 0.2 mm ² |
| Conductor cross section, rigid max. | 4 mm ² |

Dimensions

| | |
|---------------------|--|
| Dimensional drawing |  |
| Horizontal pitch | 1 Div. |

Material specifications

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

Protective circuit

| | |
|--|--|
| Operating effective current I_C at U_C | 100 μ A |
| Nominal discharge current I_n (8/20) μ s (line-line) | 10 kA |
| Nominal discharge current I_n (8/20) μ s (line-ground) | 10 kA |
| Output voltage limitation at 1 kV/ μ s (line-line) static | < 1.8 U_{max} |
| Output voltage limitation at 1 kV/ μ s (line-earth) static | \leq 550 V |
| Response time t_A (line-line) | \leq 1 ns |
| Response time t_A (line-earth) | \leq 100 ns |
| Resistance per path | < 100 m Ω (Path 1-3) < 100 m Ω (Path 2-4) |

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Environmental and real-life conditions

Ambient conditions

| | |
|---------------------------------|------------------|
| Degree of protection | IP20 |
| Ambient temperature (operation) | -40 °C ... 80 °C |

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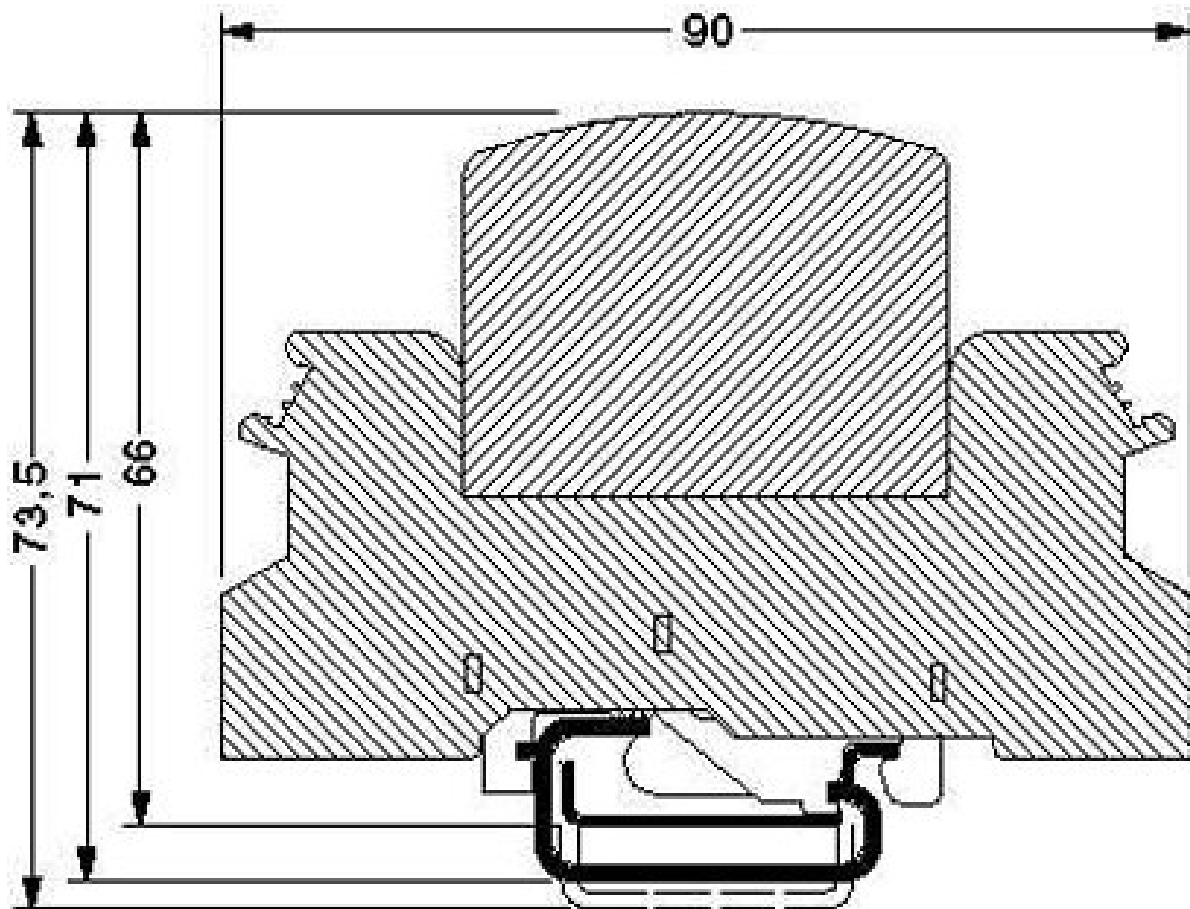


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Drawings

Dimensional drawing



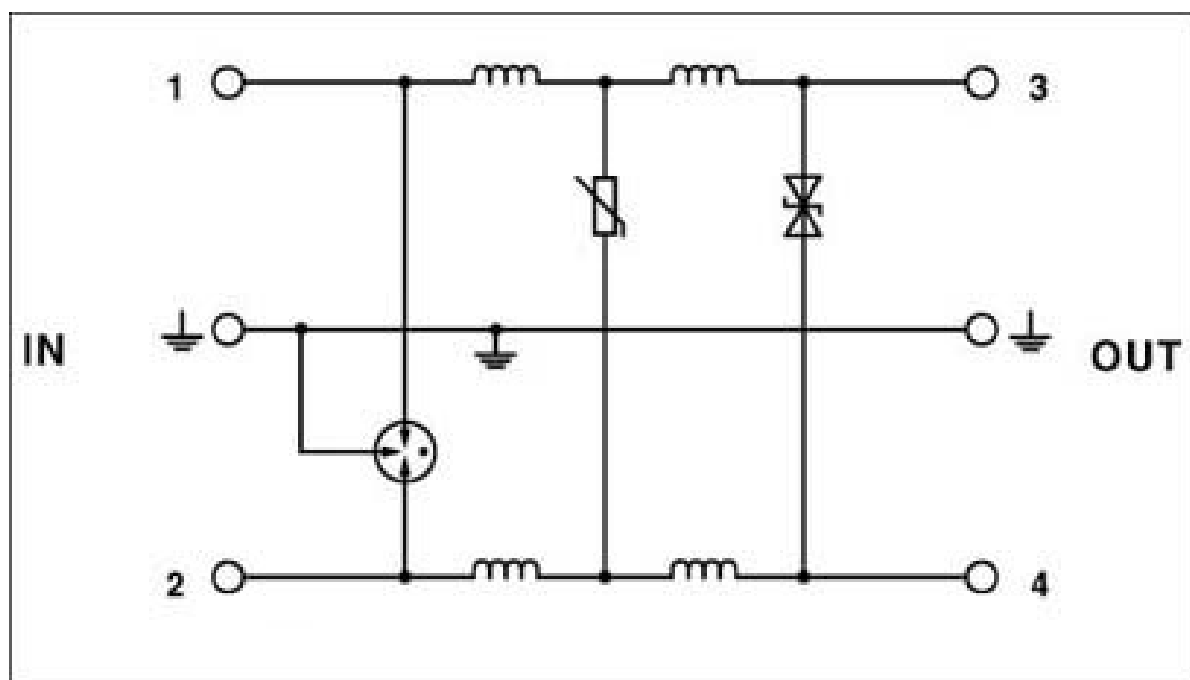
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Circuit diagram



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