

# UFBK 2-PE- 5DC-HF-ST - Surge protection plug



2781259

<https://www.phoenixcontact.com/us/products/2781259>

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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	2781259
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	CL02
Product key	CL2121
GTIN	4017918068882
Weight per piece (including packing)	76.75 g
Weight per piece (excluding packing)	76.75 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. 7.04
Arrester can be tested with CHECKMASTER from software version:	From SW rev. 1.00

### Electrical properties

Nominal voltage $U_N$	5 V DC
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### Dimensions

Horizontal pitch	1 Div.
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### Material specifications

Flammability rating according to UL 94	V2
Housing material	PA

### Protective circuit

Nominal voltage $U_N$	5 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) $\mu\text{s}$ (line-line)	10 kA
Output voltage limitation at 1 kV/ $\mu\text{s}$ (line-line) static	$\leq 8 \text{ V}$
Output voltage limitation at 1 kV/ $\mu\text{s}$ (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 $\Omega$ system	200 MHz
Resistance per path	22 $\Omega$

### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 60 °C

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## Environmental product compliance

EU REACH SVHC

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