


Surge protection device - UBK 2-PE-24-HB - 2807900

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DIN rail module with two-stage surge protection for a floating double conductor. Self-contacting grounding foot for mounting on NS 32 or NS 35/7.5, version: 24 V AC/DC.



Key Commercial Data

Packing unit	10 pc
GTIN	 4 017918 075385
GTIN	4017918075385

Technical data

Ambient conditions

Ambient temperature (operation)	-40 °C ... 60 °C
Degree of protection	IP20

General

Housing material	PA
Flammability rating according to UL 94	V2

Protective circuit

Nominal voltage U_N	24 V AC
Maximum continuous voltage U_C (line-earth)	26.4 V AC
Nominal current I_N	300 mA (60 V DC)
Nominal discharge current I_n (8/20) μ s (line-earth)	10 kA
Max. discharge current I_{max} (8/20) μ s maximum (line-line)	214 A
Max. discharge current I_{max} (8/20) μ s maximum (line-earth)	10 kA
Output voltage limitation at 1 kV/ μ s (line-line) static	\leq 55 V
Output voltage limitation at 1 kV/ μ s (line-earth) static	\leq 450 V
Residual voltage at I_n (line-line)	\leq 55 V
Response time t_A (line-line)	\leq 1 ns
Response time t_A (line-earth)	\leq 100 ns
Cut-off frequency f_g (3 dB), sym. in 50 Ohm system	6.2 MHz
Cut-off frequency f_g (3 dB), sym. in 150 Ohm system	2.2 MHz
Cut-off frequency f_g (3 dB), sym. in 600 Ohm system	550 kHz
Resistance in series	9.4 Ω

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Connection data

Stripping length	8 mm
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12

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