

UBK 2/2-24-HB


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Order No.: 2807492

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DIN rail module with two-stage surge protection for two conductors in signal circuits grounded on one side. Self-contacting grounding foot for mounting on NS 32 or NS 35/7.5, version: 24 V AC/DC.

Commercial data

GTIN (EAN)	 4 017918 075187
Note	Made-to-order
sales group	J422
Pack	10 pcs.
Customs tariff	85363010

Product notes

WEEE/RoHS-compliant since:
08/28/2006



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Technical data

General

Housing material	PA
Inflammability class acc. to UL 94	V2
Ambient temperature (operation)	-40 °C ... 60 °C
Degree of protection	IP20

Protective circuit

Nominal voltage U_N	24 V AC
Maximum continuous voltage U_C (wire-ground)	26.4 V AC
Nominal current I_N	300 mA (60 V DC)
Ground conductor current I_{PE}	$\leq 12 \mu\text{A}$
Nominal discharge surge current I_n (8/20) μs (Core-Earth)	10 kA
Output voltage limitation at 1 kV/ μs (Core-Core) static	$\leq 55 \text{ V}$
Output voltage limitation at 1 kV/ μs (Core-Earth) static	$\leq 55 \text{ V}$
Residual voltage at I_n , (conductor-ground)	$\leq 63 \text{ V}$
Response time t_A (Core-Earth)	$\leq 1 \text{ ns}$
Cut-off frequency f_g (3 dB), sym. in 50 Ohm system	6.5 MHz
Cut-off frequency f_g (3 dB), sym. in 150 Ohm system	2.5 MHz
Cut-off frequency f_g (3 dB), sym. in 600 Ohm system	550 kHz
Resistance in series	4.7 Ω (per signal path)

Connection data

Stripping length	8 mm
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded 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/kcmil min.	24
Conductor cross section AWG/kcmil max	12

Certificates / Approvals



Certification

GOST

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