



Sample Kit

# Ring Core Chokes for Power Lines

Series B82721



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## Ring Core Chokes for Power Lines – Series B82721

$I_R$	A	0.4	0.4	0.4	0.5	0.7	1.2	1.5	2.0	4.0
$L_R$	mH	27	39	39	27	10	6.8	3.3	1	0.7
$L_{\text{stray, typ}}$	$\mu\text{H}$	300	450	450	290	110	80	37	13	7
$R_{\text{typ}}$	$\text{m}\Omega$	1700	2000	2000	1100	550	280	180	80	30
$T_R$	$^{\circ}\text{C}$	40	40	70	60	60	40	40	40	40
UL*/VDE		yes	yes	yes	yes	yes	yes	yes	yes	yes
Ordering code	B82721	A/K2401 N021	A/K2401 N020	A/K2401 N023	A/K2501 N022	A/K2701 N020	A/K2122 N020	A/K2152 N001	A/K2202 N001	A/K2402 N020

### Features

- Rated current:  $I_R$  at 50 Hz and  $T_R$
- Rated voltage: 250 V AC (50/60 Hz)
- Higher inductance or intermediate values possible upon request

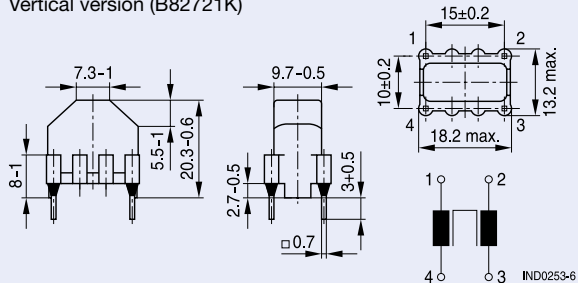
- Approx. 1% stray inductance for symmetrical interference suppression
- Higher rated current  $I_R$  available with series B82722 ... B82726

\* UL approval with 300 V AC

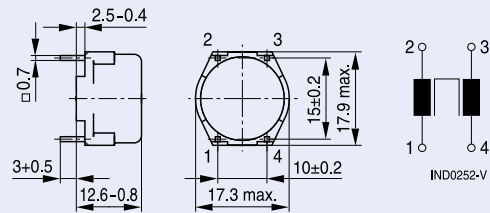


### Dimensional drawings and pin configurations

Vertical version (B82721K)

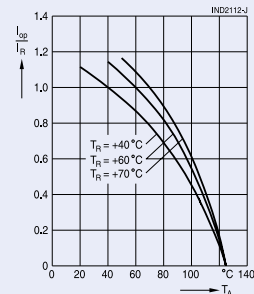


Horizontal version (B82721A)

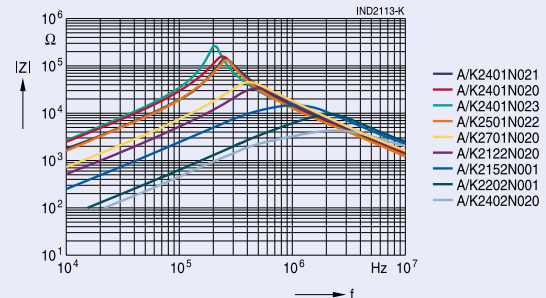


Tolerances to ISO 2768-C unless otherwise noted. Dimensions in mm.

### Current derating $I_{op}/I_R$ versus temperature $T$



### Impedance $|Z|$ versus frequency $f$



**Important information:** It is incumbent on the customer to check and decide whether a product is suitable for use in a particular application. Our products are described in detail in our data sheets. Our *Important notes* and the product-specific *Cautions and warnings* must be observed. All relevant information is available through our sales offices.