

The background of the slide is a dark blue gradient with several images of EPCOS B82731-T chokes. These are toroidal inductors with blue plastic housings and multiple layers of copper wire. They are arranged in a way that creates a sense of depth and perspective, with some appearing larger and more prominent than others.

Baureihe B82731-T

# Drosseln für Netzanwendungen

Series B82731-T

## Chokes for Power Lines

# E-Kern-Drosseln für Netzanwendungen: Baureihe B82731-T

## E core chokes for power lines: series B82731-T

Bestell-Nr./Ordering code		B82731T2301A020	B82731T2351A020	B82731T2451A020
<b>L<sub>N</sub>/L<sub>R</sub></b>	<b>mH</b>	<b>100</b>	<b>68</b>	<b>47</b>
I <sub>N</sub> /I <sub>R</sub>	A	0.30	0.35	0.45
L <sub>Streu, typ</sub>	µH	2,000	1,300	950
R <sub>typ</sub>	mΩ	6,600	4,400	2,800
Bestell-Nr./Ordering code		B82731T2551A020	B82731T2651A020	B82731T2801A020
<b>L<sub>N</sub>/L<sub>R</sub></b>	<b>mH</b>	<b>39</b>	<b>27</b>	<b>15</b>
I <sub>N</sub> /I <sub>R</sub>	A	0.55	0.65	0.80
L <sub>Streu, typ</sub>	µH	800	550	300
R <sub>typ</sub>	mΩ	2,200	1,600	950
Bestell-Nr./Ordering code		B82731T2102A020	B82731T2132A020	B82731T2182A020
<b>L<sub>N</sub>/L<sub>R</sub></b>	<b>mH</b>	<b>10</b>	<b>6.8</b>	<b>3.3</b>
I <sub>N</sub> /I <sub>R</sub>	A	1.00	1.30	1.80
L <sub>Streu, typ</sub>	µH	200	140	65
R <sub>typ</sub>	mΩ	630	370	200

- Nennstrom: I<sub>N</sub> bei 50 Hz und T<sub>U</sub> = 40 °C (T<sub>Umax</sub> = 125 °C)
- Nennspannung: 250 V~/ 250 V-
- Luft- und Kriechstrecken: > 3 mm
- Bauhöhe: 21,1 mm max; Rastermaß: 10 x 10 ±0,2 mm
- Höhere Induktivitäts- oder Zwischenwerte realisierbar
- Ca. 2% Streuinduktivität zur symmetrischen Entstörung

- Rated current: I<sub>R</sub> at 50 Hz and T<sub>A</sub> = 40 °C (T<sub>Amax</sub> = 125 °C)
- Nominal voltage: 250 V~/ 250 V-
- Creepage distances and clearances: > 3 mm
- Height: 21.1 mm max; Lead spacing: 10 x 10 ±0.2 mm
- Higher inductance or intermediate values possible
- Approx. 2% stray inductance for symmetrical interference suppression

Further product information: [www.epcos.com](http://www.epcos.com)