



Chokes for Power Lines

B82624

Ring Core Chokes with Iron Powder Core

Rated voltage 250 Vac/ 350 Vdc

Rated current 1 A to 6 A

Rated inductance 25 to 800 μ H

Construction

- Ring core double choke with iron powder core
- Plastic case
- Complete resin potting

Features

- Case and potting flame-retardant as per UL 94 V-0
- High differential-mode attenuation
- Low stray inductance

Applications

- Attenuation of differential-mode interference
 - in entertainment electronics
 - in industrial machines

Terminals

- Pins fitting standard PCB grid

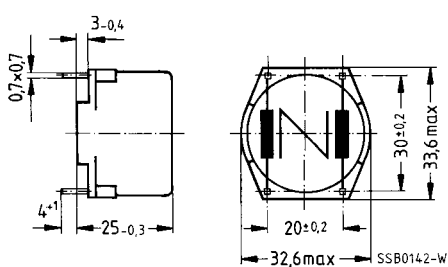
Marking

Ordering code, rated inductance, rated voltage, rated current, dc resistance, manufacturer, date of manufacture

Approvals

Approval marks	Standards
	VDE 0565-2 UL 1283

Dimensional drawing





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General technical data

Inductance tolerance	± 20 %
Rated current I_R	Referred to 50 Hz and + 40 °C ambient temperature
DC resistance R_{typ}	Typical value, measured at + 20 °C ambient temperature
Climatic category	In accordance with IEC 60068-1 40/125/56 (– 40 °C/+ 125 °C/56 days damp heat test)
Weight	Approx. 43 g

For further technical data [see page 315](#)

Characteristics and ordering codes

I_R A	L_R μH	R_{typ} Ω	Ordering code
1	800	1,0	B82624-B2102-N1
2	200	0,25	B82624-B2202-N1
3	100	0,12	B82624-B2302-N1
4	50	0,06	B82624-B2402-N1
5	40	0,045	B82624-B2502-N1
6	25	0,035	B82624-B2602-N1

Impedance |Z|
versus frequency f

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