



Chokes for Power Lines

B82623

Ring Core Chokes with Iron Powder Core

Rated voltage 250 Vac / 350 Vdc  
 Rated current 0,3 A to 3 A  
 Rated inductance 0,033 to 1,2 mH



**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

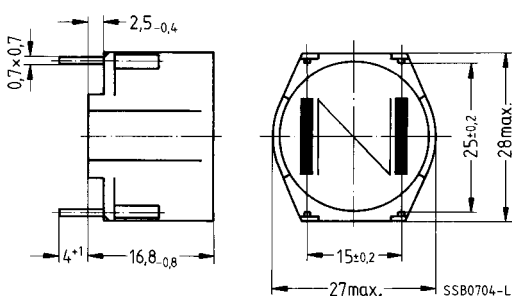
**Marking**

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**





Chokes for Power Lines

B82623

Ring Core Chokes with Iron Powder Core

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. 15 g

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

Characteristics and ordering codes

$I_R$ A	$L_R$ μH	$R_{typ}$ Ω	Ordering code
0,3	1200	2,1	B82623-G1-A3
0,5	1000	1,2	B82623-G1-A5
1	330	0,44	B82623-G1-A8
2	82	0,11	B82623-G1-A10
3	33	0,04	B82623-G1-A11

Impedance  $|Z|$   
versus frequency  $f$

B82623-G1-

