



Chokes for Power Lines

B82726-S

**Current-Compensated Ring Core Double Chokes**

**Rated voltage 250 Vac**  
**Rated current 16 A**  
**Rated inductance 1,4 mH**

**Construction**

- Current-compensated ring core double choke with ferrite core
- Polycarbonate base plate
- Sector winding
- Insulating sleeves ensure creepage distances and clearances
- Winding wire serves as solder terminal



**Features**

- Vertical (upright) version
- Base plate flame-retardant as per UL 94 V-0
- High resonance frequency due to special winding technique and omission of potting
- >1 % stray inductance for symmetrical interference suppression

**Applications**

- Power supplies
- Charging equipment

**Terminals**

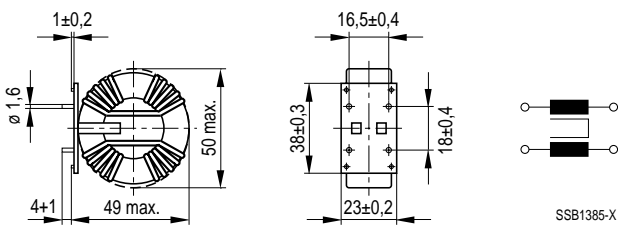
- Tinned copper wire  $\varnothing$  1,6 mm

**Marking**

Manufacturer, ordering code, rated inductance, rated current, rated voltage, graphic symbol



Dimensional drawing and pin configuration



General technical data

Test voltage $V_T$	1500 Vac, 2 s (line/line)
Rated current $I_R$	Referred to 50 Hz and 40 °C ambient temperature
Inductance tolerance	± 30 %
Weight	Approx. 80 g

For further technical data [see page 334](#)

Characteristics and ordering codes

$I_R$ A	$L_R$ mH	$L_{S, typ}$ $\mu$ H	$R_{typ}$ m $\Omega$	Ordering code
16	1,4	21	7	B82726-S2163-N1



Impedance  $|Z|$  versus frequency  $f$   
(measured with windings in parallel)

