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

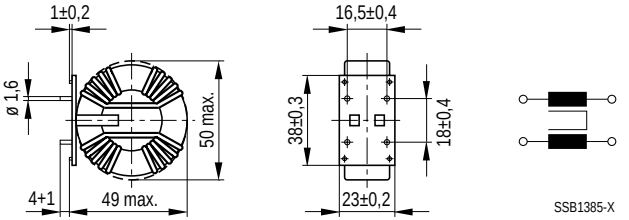
Terminals

- Tinned copper wire ∅ 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	$L_{S, typ}$ µH	R_{typ} mΩ	Ordering code
16	1,4	21	7	B82726-S2163-N1

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

