



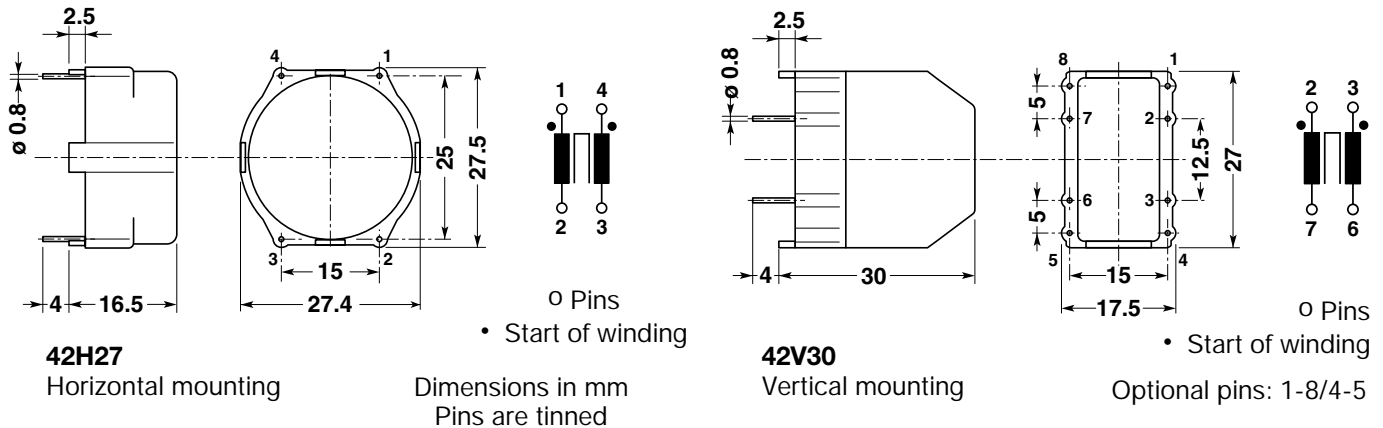
# Current-compensated Noise Suppression Chokes

TYPES  
**42H27**  
**42V30**

## CASE VERSION

**Voltage** 250 Vac  
**Current** 0.5 to 4 A

These chokes are fitted with high-permeability toroid core (ferrite). They are mainly used in devices equipped with switched-mode power supplies, and in filters designed to prevent both the spread of parasitic noise within the device, and the effects of line noise on the device itself.



## TYPES

Horizontal	Vertical	Rated current per winding A	Rated inductance per winding mH	DC resistance per winding (typical) mΩ
Code	Code			
42H27 05 00	42V30 05 00	0.5	56	2000
42H27 06 00		0.6	47	1150
42H27 10 00	42V30 10 00	1	27	600
42H27 20 00	42V30 20 00	2	5.6	170
42H27 40 00	42V30 40 00	4	2.7	45

## Technical Data

Rated current: referred to 250 V-50 Hz and +60°C ambient temperature  
 Rated inductance: at +20°C and 10 kHz, 0.1 mA.  
 Inductance tolerance: +50 -30%  
 Inductance loss: < 10% at DC initial loading with I<sup>R</sup>

Testing voltage: 1500 V -50 Hz, 2 sec, winding to winding  
 Climatic category: DIN GKC (-40 to +125°C; humidity cat. C)  
 DC resistance: at +20°C  
 Derating operating current: at +120°C ambient temperature I=0

Overtemperature of windings: < 55°C  
 Max. permissible temperature of windings: 115 °C  
 Approx. weight: 16 g

Approval:  VDE

The chokes are designed and tested in accordance with EN 138100; EN 60938-1  
 The cases are of flame-retardant plastic material in accordance with UL 94V-0

**Radlchm**