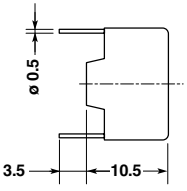
Voltage **250 Vac**
Current **0.3 to 1 A**

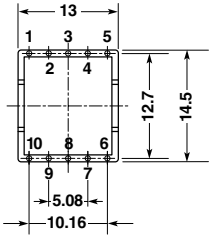
CASE VERSION

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.

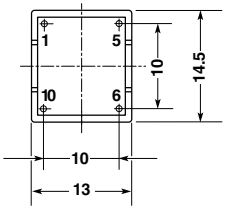
Dimensions in mm
Pins are tinned



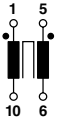
42H14
Horizontal mounting



Standard



Optional
K type



o Pins
• Start of winding

TYPES

Standard	Optional	Rated current per winding	Rated inductance per winding	DC resistance per winding (typical)
Code	Code	A	mH	m Ω
42H14 03 01	42H14 03 T1	0.3	1	180
42H14 03 02	42H14 03 T2	0.3	2.2	300
42H14 03 03	42H14 03 T3	0.3	4.7	400
42H14 03 04	42H14 03 T4	0.3	12	650
42H14 05 01	42H14 05 T1	0.5	1	100
42H14 05 02	42H14 05 T2	0.5	2.2	140
42H14 06 00	42H14 06 T0	0.6	4.4	220
42H14 10 01	42H14 10 T1	1	1	60
42H14 10 02	42H14 10 T2	1	3	150
42H14 20 00	42H14 20 T0	2	1.1	70

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^R
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:	3 g

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

Current-compensated Noise Suppression Chokes

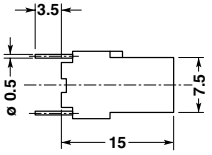
TYPES
42V15

Voltage 250 Vac
Current 0.3 to 1 A

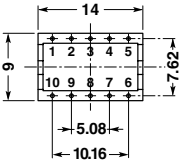
CASE VERSION

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.

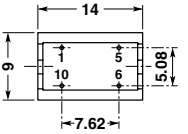
Dimensions in mm
Pins are tinned



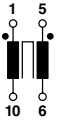
42V15
Vertical mounting



Standard



Optional
K type



o Pins
• Start of winding

TYPES

Standard	Optional	Rated current per winding	Rated inductance per winding	DC resistance per winding (typical)
Code	Code	A	mH	m Ω
42V15 03 01	42V15 03 T1	0.3	1	180
42V15 03 02	42V15 03 T2	0.3	2.2	300
42V15 03 03	42V15 03 T3	0.3	4.7	400
42V15 03 04	42V15 03 T4	0.3	12	650
42V15 05 01	42V15 05 T1	0.5	1	100
42V15 05 02	42V15 05 T2	0.5	2.2	140
42V15 06 00	42V15 06 T0	0.6	4.4	220
42V15 10 01	42V15 10 T1	1	1	60
42V15 10 02	42V15 10 T2	1	3	150
42V15 20 00	42V15 20 T0	2	1.1	70

Technical Data

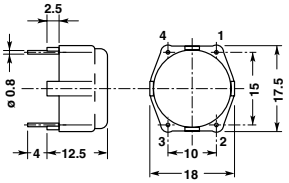
Rated current:	referred to 250 V-50 Hz and +60°C ambient temperature
Rated inductance:	at +20°C and 10 kHz, 0.1 mA.
Inductance tolerance:	+50 -30%
Inductance loss:	< 10% at DC initial loading with I^R
Testing voltage:	1500 V -50 Hz, 2 sec, winding to winding
Climatic category:	DIN GKC (-40 to +125°C; 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:	3 g

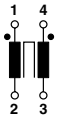
The chokes are designed and tested in accordance with EN 138100; EN 60938-1
The cases are of flame-retardant plastic material in accordance with UL 94V-0

Voltage 250 Vac
Current 0.4 to 3.6 A

CASE VERSION

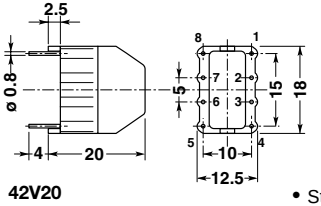
These chokes are fitted with high-permeability toroid core (ferrite). They are mainly used in devices equipped with switched-mode power supplies, and in filters designed to prevent both the spread of parasitic noise within the device, and the effects of line noise on the device itself.





42H17
Horizontal mounting

o Pins
• Start of winding



42V20
Vertical mounting

o Pins
• Start of winding

Dimensions in mm
Pins are tinned

Optional pins: 2-7/3-6

TYPES

Horizontal	Vertical	Rated current per winding	Rated inductance per winding	DC resistance per winding (typical)
Code	Code	A	mH	m Ω
42H17 04 00	42V20 04 00	0.4	39	2600
42H17 04 01	42V20 04 01	0.4	27	1000
42H17 05 00	42V20 05 00	0.5	18	940
42H17 07 00	42V20 07 00	0.7	10	360
42H17 10 00	42V20 10 00	1	6.8	400
42H17 12 00	42V20 12 00	1.2	6.8	330
42H17 15 00	42V20 15 00	1.5	3.3	100
42H17 20 02	42V20 20 02	2	1	40
42H17 26 00	42V20 26 00	2.6	0.4	60
42H17 30 00	42V20 30 00	3	1	50
42H17 36 00	42V20 36 00	3.6	0.4	15

Technical Data

Rated current:	referred to 250 V-50 Hz and +60°C ambient temperature.
Inductance tolerance:	+50 -30%
Climatic category:	DIN GKC (-40 to +125°C; humidity cat. C)
Overtemperature of windings:	< 55°C
Approx. weight:	10 g
Approval:	VDE

More technical data see p. 14

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

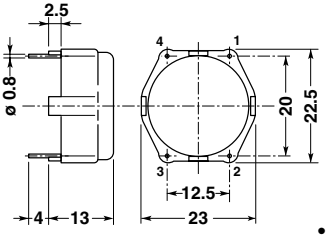
Current-compensated Noise Suppression Chokes

TYPES
42H22
42V25

CASE VERSION

Voltage **250 Vac**
Current **0.3 to 3 A**

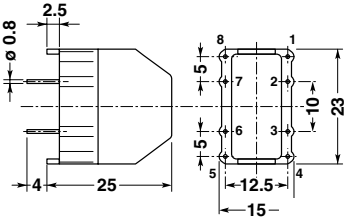
These chokes are fitted with high-permeability toroid core (ferrite). They are mainly used in devices equipped with switched-mode power supplies, and in filters designed to prevent both the spread of parasitic noise within the device, and the effects of line noise on the device itself.



o Pins
• Start of winding

42H22
Horizontal mounting

Dimensions in mm
Pins are tinned



o Pins
• Start of winding

42V25
Vertical mounting

Optional pins: 1-8/4-5

TYPES

Horizontal	Vertical	Rated current per winding	Rated inductance per winding	DC resistance per winding (typical)
Code	Code	A	mH	m Ω
42H22 03 00	42V25 03 00	0.3	47	1400
42H22 05 00	42V25 05 00	0.5	27	900
	42V25 05 01	0.5	39	1100
	42V25 05 02	0.5	47	1200
	42V25 06 00	0.6	18	480
	42V25 08 00	0.8	15	360
	42V25 08 01	0.8	27	500
	42V25 08 02	0.8	18	400
42H22 10 00	42V25 10 00	1	10	450
	42V25 10 01	1	15	540
	42V25 10 02	1	5	300
	42V25 12 00	1.2	10	400
	42V25 15 00	1.5	6.8	260
42H22 20 00	42V25 20 00	2	2.2	70
	42V25 25 00	2.5	3.3	120
42H22 30 00	42V25 30 00	3	1.2	70

Technical Data

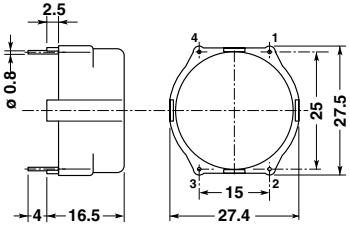
Rated current:	referred to 250 V-50 Hz and +60°C ambient temperature.
Inductance tolerance:	+50 -30%
Climatic category:	DIN GKC (-40 to +125°C; humidity cat. C)
Overtemperature of windings:	< 55°C
Approx. weight:	12 g
Approval:	VDE

More technical data see p. 17

CASE VERSION

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

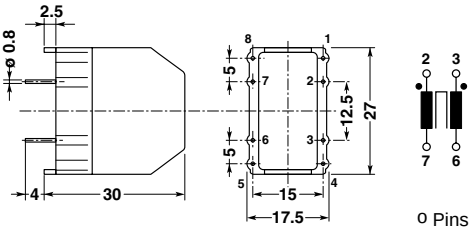
These chokes are fitted with high-permeability toroid core (ferrite). They are mainly used in devices equipped with switched-mode power supplies, and in filters designed to prevent both the spread of parasitic noise within the device, and the effects of line noise on the device itself.



o Pins
• Start of winding

42H27
Horizontal mounting

Dimensions in mm
Pins are tinned



o Pins
• Start of winding

42V30
Vertical mounting

Optional pins: 1-8/4-5

TYPES

Horizontal	Vertical	Rated current per winding	Rated inductance per winding	DC resistance per winding (typical)
Code	Code	A	mH	m Ω
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^R
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

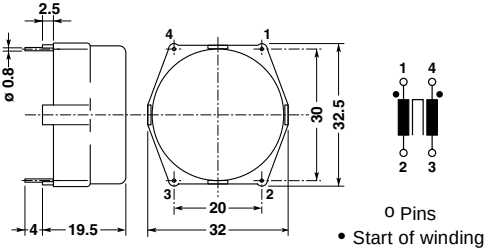
Current-compensated Noise Suppression Chokes

TYPES
42H32
42V32

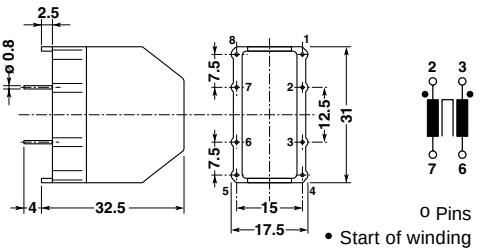
CASE VERSION

Voltage **250 Vac**
Current **0.5 to 6 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.



42H32
Horizontal mounting



42V32
Vertical mounting

Dimensions in mm
Pins are tinned

Optional pins: 1-8/4-5

TYPES

Horizontal	Vertical	Rated current per winding	Rated inductance per winding	DC resistance per winding (typical)
Code	Code	A	mH	m Ω
42H32 05 01	42V32 05 01	0.5	82	1500
42H32 05 00	42V32 05 00	0.5	100	1500
42H32 10 01	42V32 10 01	1.0	33	630
42H32 10 00	42V32 10 00	1.0	47	750
42H32 15 01	42V32 15 01	1.5	27	490
42H32 15 00	42V32 15 00	1.5	22	330
42H32 20 00	42V32 20 00	2.0	6.8	139
42H32 20 01	42V32 20 01	2.0	10	230
42H32 40 03	42V32 40 03	4.0	3.3	68
42H32 40 01		4.0	3.9	61
	42V32 40 01	4.0	3.9	80
42H32 60 00		6.0	1.8	25
	42V32 60 00	6.0	1.8	38

Technical Data

Rated current: referred to 250 V-50 Hz and +60°C ambient temperature
Inductance tolerance: +50 -30%
Climatic category: DIN GKC (-40 to +125°C; humidity cat. C)
Overtemperature of windings: < 55°C
Approx. weight: 28 g

More technical date see p. 19

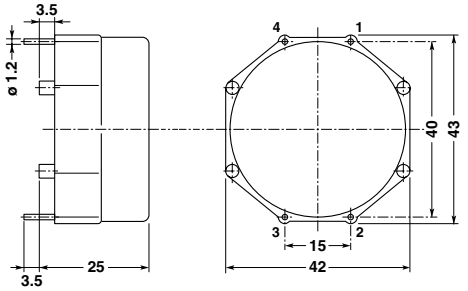
Approval: VDE

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

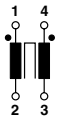
Voltage **250 Vac**
Current **1 to 10 A**

CASE VERSION

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.



Dimensions in mm
Pins are tinned



o Pins
• Start of winding

42H42
Horizontal mounting

TYPES

Code	Rated current per winding A	Rated inductance per winding mH	DC resistance per winding (typical) m Ω
42H42 10 00	1	68	1000
42H42 20 00	2	18	230
42H42 40 00	4	6.8	60
42H42 60 00	6	3.9	38
42H42 80 00	8	2.7	22
42H42 A0 00	10	1.8	14

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^R
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:	63 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