

Mains chokes (PFC)

Inductivity: 1.0–20.0 mH
 Nominal current: max. 5.2 A

EI 30

	DIN EN 61558-2-20 DIN EN 62041	VDE	on request
	DIN EN 60 335-1	VDE	102961/84814
	UL 1446	UL	E237745

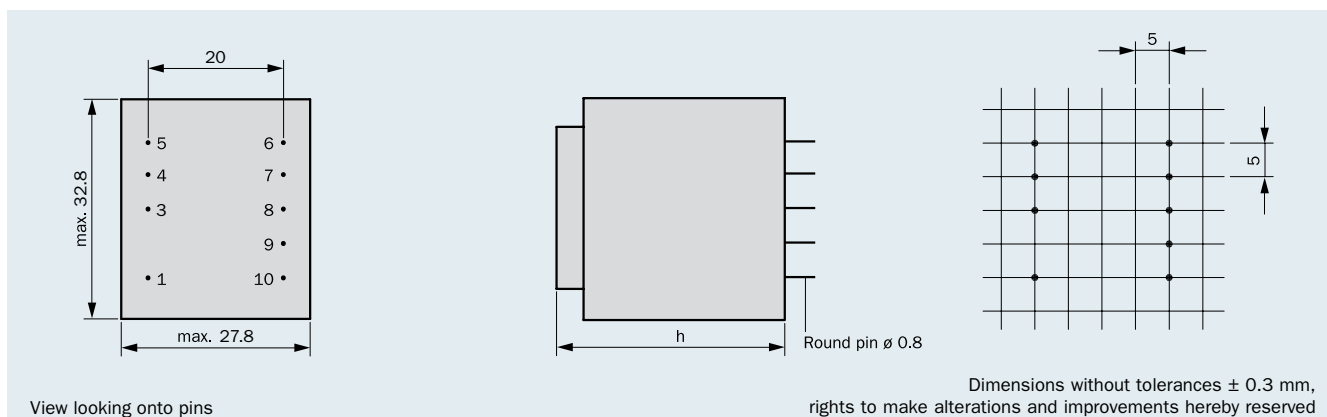
- according to REACH regulation
 - according to RoHs regulation



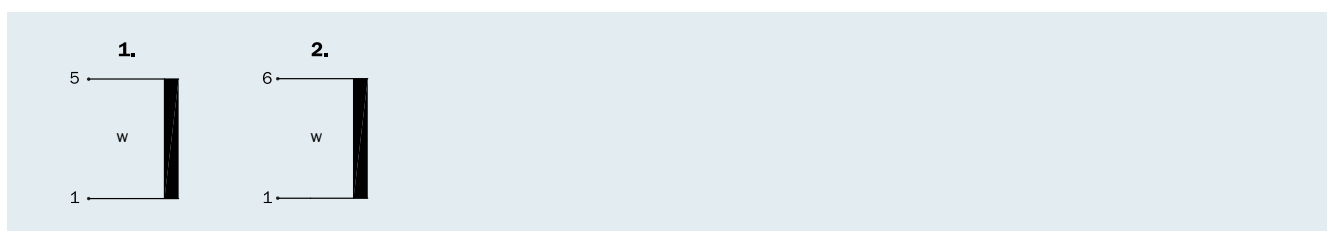
- Excellent temperature fluctuation resistance properties
- High electrical safety and long service-life features
- High voltage resistance to core
- Per item tested quality with certificate

- For the standard version with cast housing "0":
Self-extinguishing cast housing and sealing material

Connecting pins Type cast housing "0"



Connection scheme



Frame size/Core height	Nominal current ta 70°C	Height (h)	Weight	Packaging unit
BVD EI 306 1... /23.0 mm	max. 5.2 A	max. 34.3 mm	0.145 kg	50 pieces

Type in cast housing “0”

ta 70 °C/F	Order No.	Nominal current	Nominal inductivity	Connecting pins	Not connected pins	Connection scheme
Frame size/Core height BVD EI 306 1.../23.0 mm  vacuum-encapsulated	BVD EI 306 1001	5.2 A	1.0 mH	1–6	3+4+5+7+8+9+10	2
	BVD EI 306 1002	4.2 A	1.5 mH	1–6	3+4+5+7+8+9+10	2
	BVD EI 306 1003	3.6 A	2.0 mH	1–6	3+4+5+7+8+9+10	2
	BVD EI 306 1004	3.5 A	2.5 mH	1–5	3+4+6+7+8+9+10	1
	BVD EI 306 1005	3.2 A	3.0 mH	1–5	3+4+6+7+8+9+10	1
	BVD EI 306 1006	3.0 A	3.5 mH	1–5	3+4+6+7+8+9+10	1
	BVD EI 306 1007	2.9 A	4.0 mH	1–5	3+4+6+7+8+9+10	1
	BVD EI 306 1008	2.5 A	4.5 mH	1–5	3+4+6+7+8+9+10	1
	BVD EI 306 1009	2.3 A	5.0 mH	1–5	3+4+6+7+8+9+10	1
	BVD EI 306 1010	1.9 A	10.0 mH	1–6	3+4+5+7+8+9+10	2
	BVD EI 306 1011	1.5 A	15.0 mH	1–5	3+4+6+7+8+9+10	1
	BVD EI 306 1012	1.3 A	20.0 mH	1–5	3+4+6+7+8+9+10	1

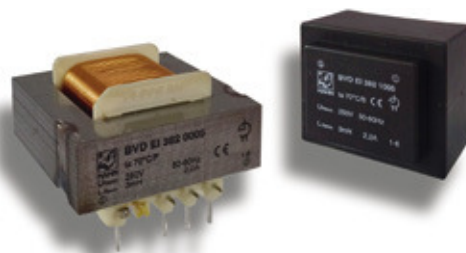
Mains chokes (PFC)

Inductivity: 1.0–15.0 mH
 Nominal current: max. 4.7 A

EI 38

	DIN EN 61558-2-20	VDE	on request
	DIN EN 62041		
	DIN EN 60 335-1	VDE	102961/84814
	UL 1446	UL	E237745

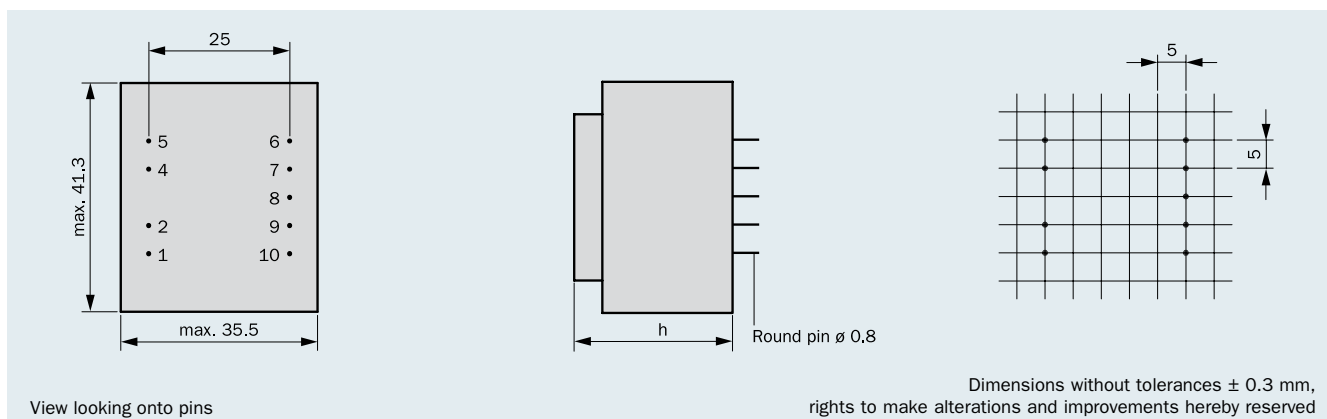
- according to REACH regulation
 - according to RoHs regulation



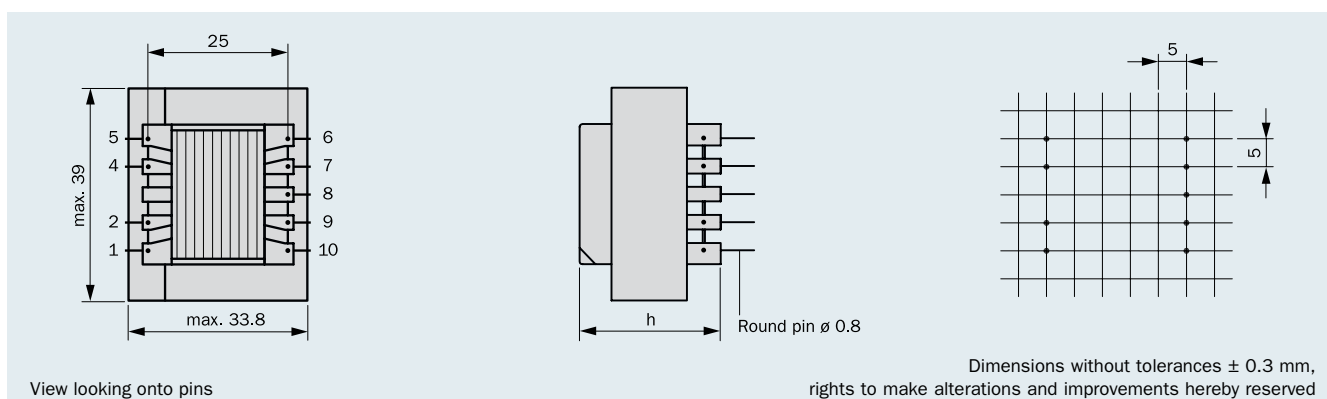
- Excellent temperature fluctuation resistance properties
- High electrical safety and long service-life features
- High voltage resistance to core
- Per item tested quality with certificate

- For the standard version with cast housing "0":
 Self-extinguishing cast housing and sealing material

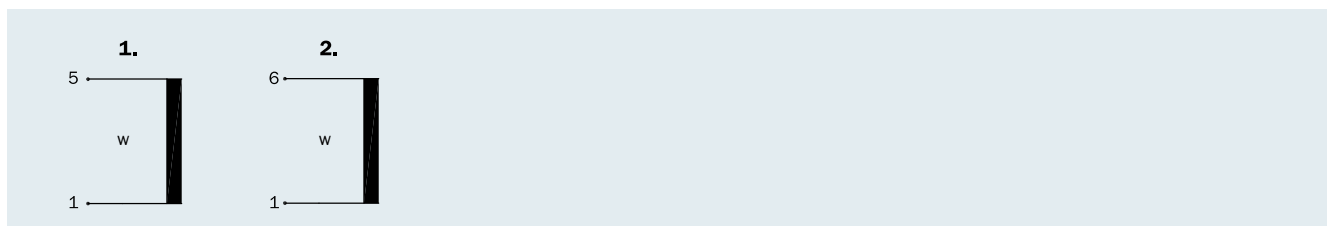
Connecting pins Type cast housing "0"



Connecting pins Type open



Connection scheme



Frame size/Core height	Nominal current ta 70 °C	Height (h)	Weight	Packaging unit
BVD EI 382 1... /13.6 mm	max. 4.7 A	max. 28.6 mm	0.165 kg	30 pieces
BVD EI 382 0... /13.6 mm	max. 4.4 A	max. 26.9 mm	0.140 kg	30 pieces

Type cast housing "0"

ta 70 °C/B	Order No.	Nominal current	Nominal inductivity	Connecting pins	Not connected pins	Connection scheme
Frame size/Core height BVD EI 382 1.../13.6 mm  vacuum-encapsulated	BVD EI 382 1001	4.7 A	1.0 mH	1–6	2+4+5+7+8+9+10	1
	BVD EI 382 1002	4.7 A	1.5 mH	1–5	2+4+6+7+8+9+10	2
	BVD EI 382 1003	4.0 A	2.0 mH	1–5	2+4+6+7+8+9+10	2
	BVD EI 382 1004	2.2 A	2.5 mH	1–6	2+4+5+7+8+9+10	1
	BVD EI 382 1005	2.2 A	3.0 mH	1–6	2+4+5+7+8+9+10	1
	BVD EI 382 1006	2.2 A	3.5 mH	1–5	2+4+6+7+8+9+10	2
	BVD EI 382 1007	3.2 A	4.0 mH	1–6	2+4+5+7+8+9+10	1
	BVD EI 382 1008	2.8 A	4.5 mH	1–6	2+4+5+7+8+9+10	1
	BVD EI 382 1009	2.7 A	5.0 mH	1–6	2+4+5+7+8+9+10	1
	BVD EI 382 1010	2.0 A	10.0 mH	1–5	2+4+6+7+8+9+10	2
	BVD EI 382 1011	1.5 A	15.0 mH	1–6	2+4+5+7+8+9+10	1

Type open

ta 70 °C/F	Order No.	Nominal current	Nominal inductivity	Connecting pins	Not connected pins	Connection scheme
Frame size/Core height BVD EI 382 0.../13.6 mm  open, vacuum-impregnated	BVD EI 382 0001	4.4 A	1.0 mH	1–6	2+4+5+7+8+9+10	1
	BVD EI 382 0002	4.4 A	1.5 mH	1–5	2+4+6+7+8+9+10	2
	BVD EI 382 0003	3.5 A	2.0 mH	1–5	2+4+6+7+8+9+10	2
	BVD EI 382 0004	2.1 A	2.5 mH	1–6	2+4+5+7+8+9+10	1
	BVD EI 382 0005	2.0 A	3.0 mH	1–6	2+4+5+7+8+9+10	1
	BVD EI 382 0006	2.0 A	3.5 mH	1–5	2+4+6+7+8+9+10	2
	BVD EI 382 0007	2.8 A	4.0 mH	1–6	2+4+5+7+8+9+10	1
	BVD EI 382 0008	2.4 A	4.5 mH	1–6	2+4+5+7+8+9+10	1
	BVD EI 382 0009	2.3 A	5.0 mH	1–6	2+4+5+7+8+9+10	1
	BVD EI 382 0010	1.7 A	10.0 mH	1–5	2+4+6+7+8+9+10	2
	BVD EI 382 0011	1.4 A	15.0 mH	1–6	2+4+5+7+8+9+10	1

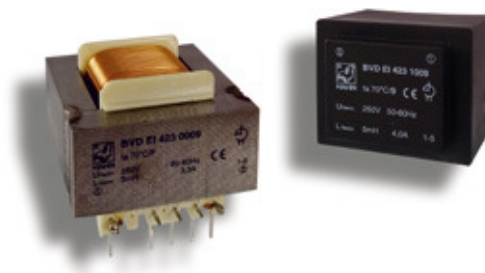
Mains chokes (PFC)

Inductivity: 1.0–20.0 mH
 Nominal current: max. 5.9 A

EI 42

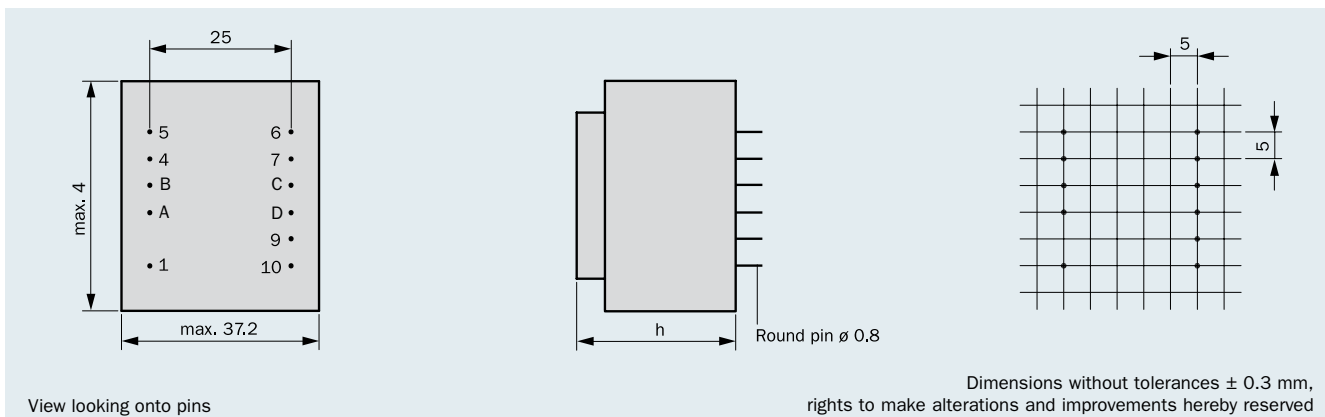
	DIN EN 61558-2-20 VDE DIN EN 62041	VDE	on request
	DIN EN 60 335-1	VDE	102961/84814
	UL 1446	UL	E237745

- according to REACH regulation
 - according to RoHs regulation

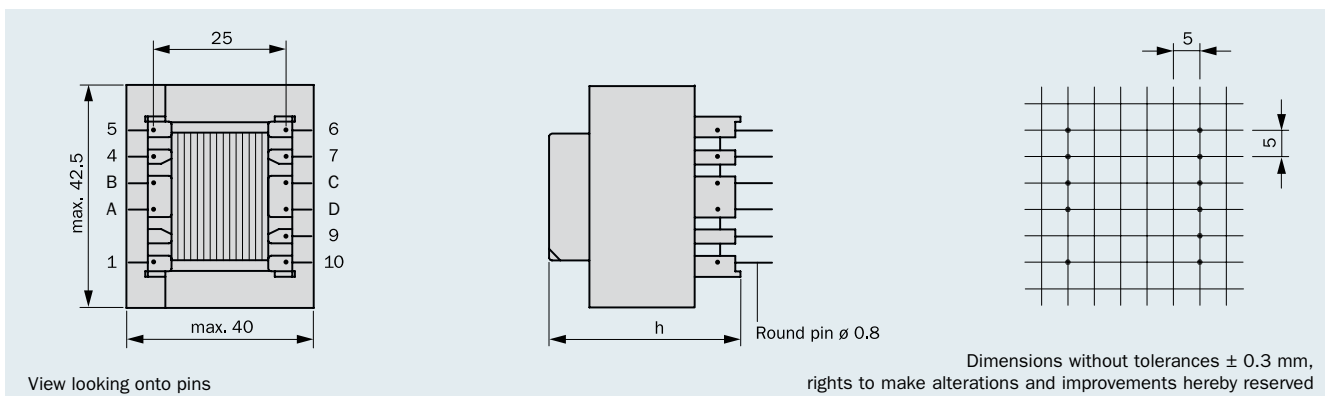


- Excellent temperature fluctuation resistance properties
- High electrical safety and long service-life features
- High voltage resistance to core
- Per item tested quality with certificate
- For the standard version with cast housing "0":
Self-extinguishing cast housing and sealing material

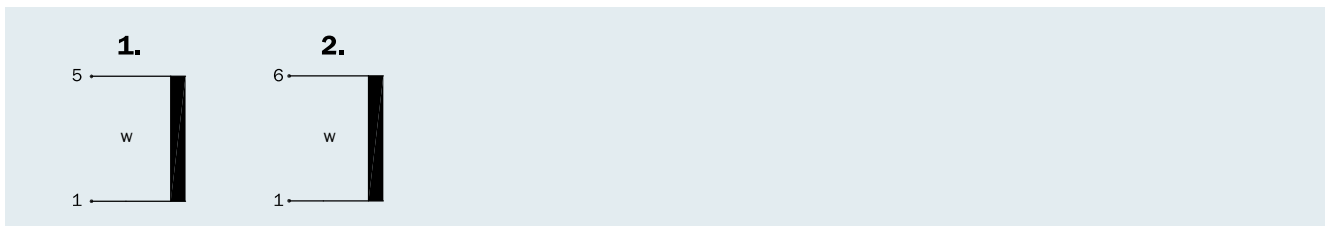
Connecting pins Type cast housing "0"



Connecting pins Type open



Connection scheme



Frame size/Core height	Nominal current ta 70°C	Height (h)	Weight	Packaging unit
BVD EI 423 1... /20.0 mm	max. 5.9 A	max. 38.3 mm	0.270 kg	30 pieces
BVD EI 423 0... /20.0 mm	max. 5.0 A	max. 36.3 mm	0.235 kg	28 pieces

Mains chokes (PFC)

Inductivity: 1.0–20.0 mH
 Nominal current: max. 5.9 A

EI 42

Type cast housing "0"

ta 70 °C/B	Order No.	Nominal current	Nominal inductivity	Connecting pins	Not connected pins	Connection scheme
Frame size/Core height BVD EI 423 1.../20.0 mm  vacuum-encapsulated	BVD EI 423 1001	5.9 A	1.0 mH	1–6	A+B+4+5+7+C+D+9+10	2
	BVD EI 423 1002	5.9 A	1.5 mH	1–6	A+B+4+5+7+C+D+9+10	2
	BVD EI 423 1003	5.2 A	2.0 mH	1–6	A+B+4+5+7+C+D+9+10	2
	BVD EI 423 1004	4.5 A	2.5 mH	1–6	A+B+4+5+7+C+D+9+10	2
	BVD EI 423 1005	4.5 A	3.0 mH	1–5	A+B+4+6+7+C+D+9+10	1
	BVD EI 423 1006	4.4 A	3.5 mH	1–5	A+B+4+6+7+C+D+9+10	1
	BVD EI 423 1007	4.4 A	4.0 mH	1–5	A+B+4+6+7+C+D+9+10	1
	BVD EI 423 1008	4.0 A	4.5 mH	1–5	A+B+4+6+7+C+D+9+10	1
	BVD EI 423 1009	4.0 A	5.0 mH	1–5	A+B+4+6+7+C+D+9+10	1
	BVD EI 423 1010	2.9 A	10.0 mH	1–6	A+B+4+5+7+C+D+9+10	2
	BVD EI 423 1011	2.4 A	15.0 mH	1–5	A+B+4+6+7+C+D+9+10	1
	BVD EI 423 1012	2.0 A	20.0 mH	1–5	A+B+4+6+7+C+D+9+10	1

Type open

ta 70 °C/F	Order No.	Nominal current	Nominal inductivity	Connecting pins	Not connected pins	Connection scheme
Frame size/Core height BVD EI 423 0.../20.0 mm  open, vacuum-impregnated	BVD EI 423 0001	5.0 A	1.0 mH	1–6	A+B+4+5+7+C+D+9+10	2
	BVD EI 423 0002	5.0 A	1.5 mH	1–6	A+B+4+5+7+C+D+9+10	2
	BVD EI 423 0003	4.6 A	2.0 mH	1–6	A+B+4+5+7+C+D+9+10	2
	BVD EI 423 0004	3.9 A	2.5 mH	1–6	A+B+4+5+7+C+D+9+10	2
	BVD EI 423 0005	3.9 A	3.0 mH	1–5	A+B+4+6+7+C+D+9+10	1
	BVD EI 423 0006	3.7 A	3.5 mH	1–5	A+B+4+6+7+C+D+9+10	1
	BVD EI 423 0007	3.7 A	4.0 mH	1–5	A+B+4+6+7+C+D+9+10	1
	BVD EI 423 0008	3.3 A	4.5 mH	1–5	A+B+4+6+7+C+D+9+10	1
	BVD EI 423 0009	3.3 A	5.0 mH	1–5	A+B+4+6+7+C+D+9+10	1
	BVD EI 423 0010	2.5 A	10.0 mH	1–6	A+B+4+5+7+C+D+9+10	2
	BVD EI 423 0011	2.1 A	15.0 mH	1–5	A+B+4+6+7+C+D+9+10	1
	BVD EI 423 0012	2.0 A	20.0 mH	1–5	A+B+4+6+7+C+D+9+10	1

Mains chokes (PFC)

Inductivity: 1.0–20.0 mH
 Nominal current: max. 8.7 A

EI 48

	DIN EN 61558-2-20 VDE DIN EN 62041	VDE	on request
	DIN EN 60 335-1	VDE	102961/84814
	UL 1446	UL	E237745

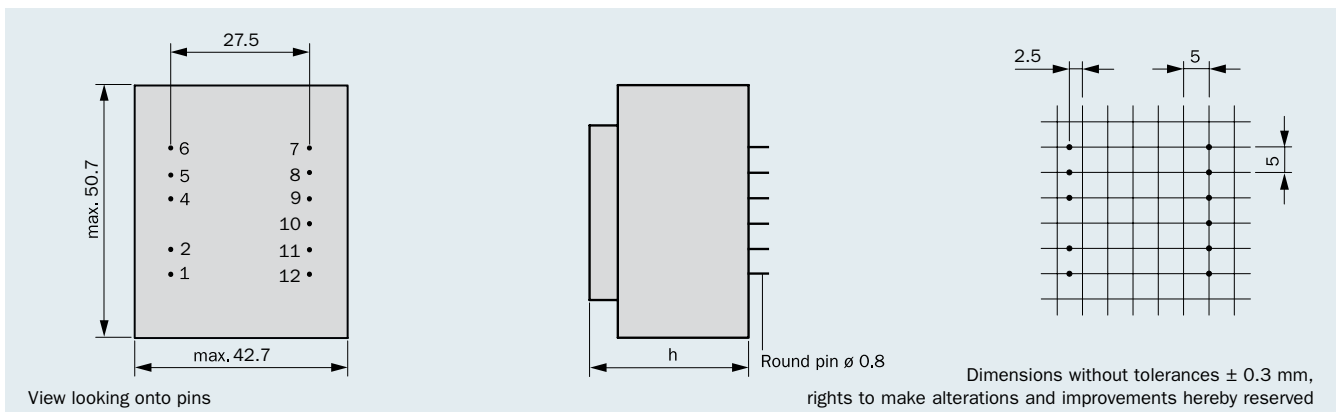
- according to REACH regulation
 - according to RoHs regulation



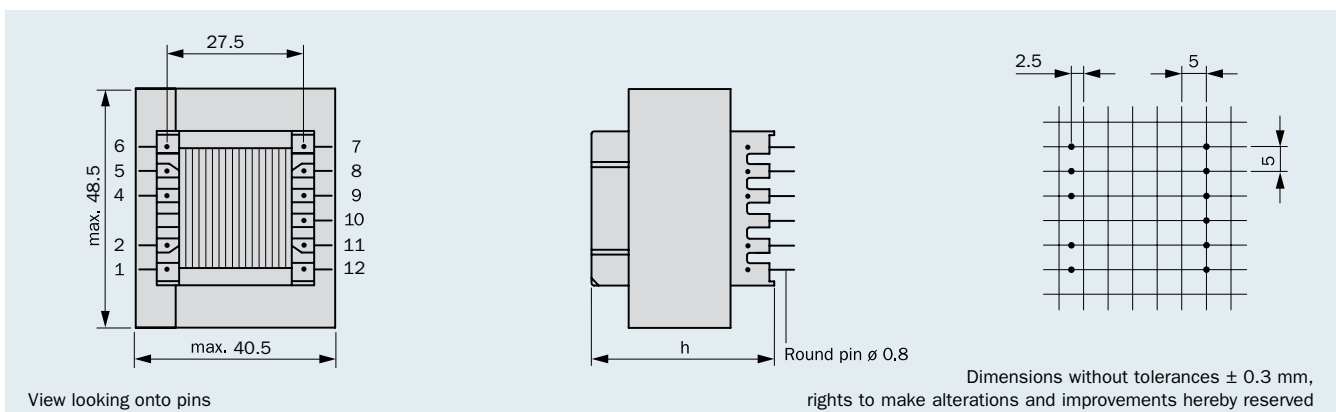
- Excellent temperature fluctuation resistance properties
- High electrical safety and long service-life features
- High voltage resistance to core
- Per item tested quality with certificate

- For the standard version with cast housing "0":
 Self-extinguishing cast housing and sealing material

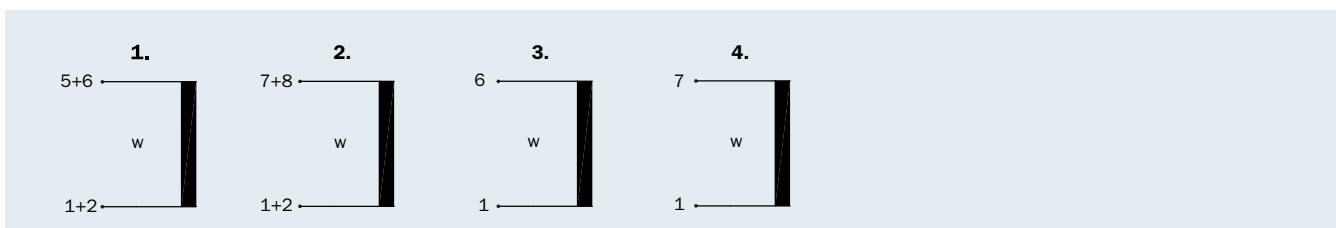
Connecting pins Type cast housing "0"



Connecting pins Type open



Connection scheme



Frame size/Core height	Nominal current ta 70°C	Height (h)	Weight	Packaging unit
BVD EI 482 1... /20.5 mm	max. 8.7 A	max. 39.0 mm	0.360 kg	20 pieces
BVD EI 482 0... /20.5 mm	max. 7.9 A	max. 37.3 mm	0.315 kg	20 pieces

Mains chokes (PFC)

Inductivity: 1.0–20.0 mH
 Nominal current: max. 8.7 A

EI 48

Type cast housing "0"

ta 70 °C/B	Order No.	Nominal current	Nominal inductivity	Connecting pins	Not connected pins	Connection scheme
Frame size/Core height BVD EI 482 1.../20.5 mm  vacuum-encapsulated	BVD EI 482 1001	8.7 A	1.0 mH	1/2–5/6	4+7+8+9+10+11+12	1
	BVD EI 482 1002	7.8 A	1.5 mH	1/2–7/8	4+5+6+9+10+11+12	2
	BVD EI 482 1003	6.8 A	2.0 mH	1–7	2+4+5+6+8+9+10+11+12	4
	BVD EI 482 1004	5.6 A	2.5 mH	1–6	2+4+5+7+8+9+10+11+12	3
	BVD EI 482 1005	5.5 A	3.0 mH	1–6	2+4+5+7+8+9+10+11+12	3
	BVD EI 482 1006	4.7 A	3.5 mH	1–6	2+4+5+7+8+9+10+11+12	3
	BVD EI 482 1007	4.4 A	4.0 mH	1–6	2+4+5+7+8+9+10+11+12	3
	BVD EI 482 1008	4.4 A	4.5 mH	1–6	2+4+5+7+8+9+10+11+12	3
	BVD EI 482 1009	4.2 A	5.0 mH	1–6	2+4+5+7+8+9+10+11+12	3
	BVD EI 482 1010	3.0 A	10.0 mH	1–7	2+4+5+6+8+9+10+11+12	4
	BVD EI 482 1011	2.5 A	15.0 mH	1–6	2+4+5+7+8+9+10+11+12	3
	BVD EI 482 1012	2.2 A	20.0 mH	1–6	2+4+5+7+8+9+10+11+12	3

Type open

ta 70 °C/F	Order No.	Nominal current	Nominal inductivity	Connecting pins	Not connected pins	Connection scheme
Frame size/Core height BVD EI 482 0.../20.5 mm  open, vacuum-impregnated	BVD EI 482 0001	7.9 A	1.0 mH	1/2–5/6	4+7+8+9+10+11+12	1
	BVD EI 482 0002	7.3 A	1.5 mH	1/2–7/8	4+5+6+9+10+11+12	2
	BVD EI 482 0003	6.0 A	2.0 mH	1–7	2+4+5+6+8+9+10+11+12	4
	BVD EI 482 0004	5.0 A	2.5 mH	1–6	2+4+5+7+8+9+10+11+12	3
	BVD EI 482 0005	5.0 A	3.0 mH	1–6	2+4+5+7+8+9+10+11+12	3
	BVD EI 482 0006	4.2 A	3.5 mH	1–6	2+4+5+7+8+9+10+11+12	3
	BVD EI 482 0007	3.9 A	4.0 mH	1–6	2+4+5+7+8+9+10+11+12	3
	BVD EI 482 0008	3.9 A	4.5 mH	1–6	2+4+5+7+8+9+10+11+12	3
	BVD EI 482 0009	3.9 A	5.0 mH	1–6	2+4+5+7+8+9+10+11+12	3
	BVD EI 482 0010	2.7 A	10.0 mH	1–7	2+4+5+6+8+9+10+11+12	4
	BVD EI 482 0011	2.3 A	15.0 mH	1–6	2+4+5+7+8+9+10+11+12	3
	BVD EI 482 0012	2.0 A	20.0 mH	1–6	2+4+5+7+8+9+10+11+12	3

Mains chokes (PFC)

Inductivity: 1.0–20.0 mH
 Nominal current: max. 7.7 A

EI 54

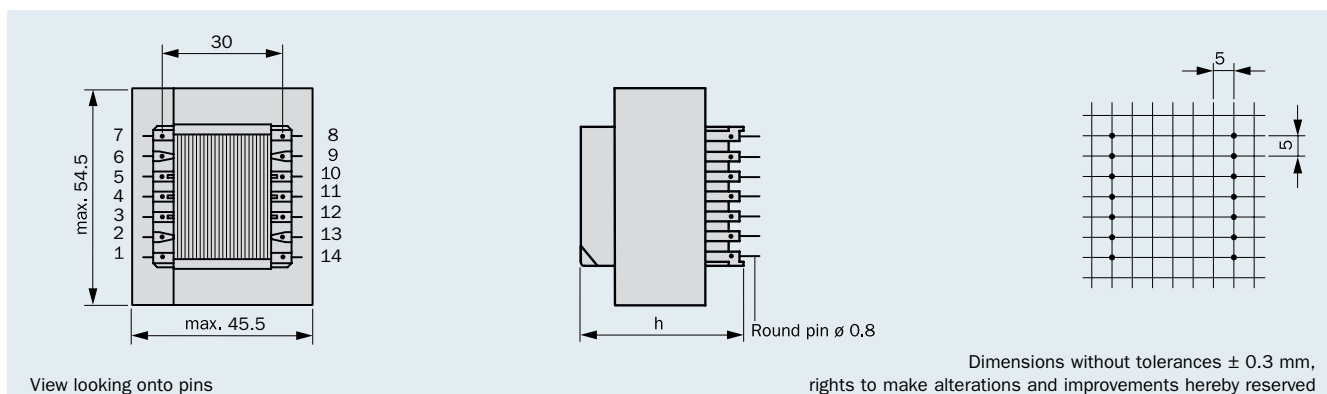
	DIN EN 61558-2-20 VDE DIN EN 62041	VDE	on request
	DIN EN 60 335-1	VDE	102961/84814
	UL 1446	UL	E237745

- according to REACH regulation
 - according to RoHs regulation



- Excellent temperature fluctuation resistance properties
- High electrical safety and long service-life features
- High voltage resistance to core
- Per item tested quality with certificate

Connecting pins Type open



Connection scheme



Frame size/Core height	Nominal current ta 70 °C	Height (h)	Weight	Packaging unit
BVD EI 542 0... /23.0 mm	max. 7.7 A	max. 42.3 mm	0.440 kg	20 pieces

Type open

ta 70°C/F	Order No.	Nominal current	Nominal inductivity	Connecting pins	Not connected pins	Connection scheme
Frame size/Core height BVD EI 542 0.../23.0 mm  open, vacuum-impregnated	BVD EI 542 0001	7.7 A	1.0 mH	1/2–8/9	3+4+5+6+7+10+11+12+13+14	1
	BVD EI 542 0002	6.3 A	1.5 mH	1/2–8/9	3+4+5+6+7+10+11+12+13+14	1
	BVD EI 542 0003	5.5 A	2.0 mH	2–6	1+3+4+5+7+8+9+10+11+12+13+14	2
	BVD EI 542 0004	5.5 A	2.5 mH	2–6	1+3+4+5+7+8+9+10+11+12+13+14	2
	BVD EI 542 0005	5.1 A	3.0 mH	2–6	1+3+4+5+7+8+9+10+11+12+13+14	2
	BVD EI 542 0006	4.5 A	3.5 mH	2–6	1+3+4+5+7+8+9+10+11+12+13+14	2
	BVD EI 542 0007	4.1 A	4.0 mH	2–6	1+3+4+5+7+8+9+10+11+12+13+14	2
	BVD EI 542 0008	3.9 A	4.5 mH	2–9	1+3+4+5+6+7+8+10+11+12+13+14	3
	BVD EI 542 0009	3.9 A	5.0 mH	2–9	1+3+4+5+6+7+8+10+11+12+13+14	3
	BVD EI 542 0010	3.0 A	10.0 mH	2–6	1+3+4+5+7+8+9+10+11+12+13+14	3
	BVD EI 542 0011	2.5 A	15.0 mH	2–6	1+3+4+5+7+8+9+10+11+12+13+14	2
	BVD EI 542 0012	2.0 A	20.0 mH	2–9	1+3+4+5+6+7+8+10+11+12+13+14	3

TEXIM EUROPE

Partner in Electronic Components & Supply Chain Solutions



The Netherlands

Elektrostraat 17
NL-7483 PG Haaksbergen
Tel: +31 (0)53 573 33 33
Fax: +31 (0)53 573 33 30
nl@texim-europe.com



Denmark

Sdr. Jagtvej 12
DK-2970 Hørsholm
Tel: +45 88 20 26 30
Fax: +45 88 20 26 39
nordic@texim-europe.com



Belgium

Gentsesteenweg 1154-C22
Chaussée de Gand 1154-C22
B-1082 Brussel / Bruxelles
Tel: +32 (0)2 462 01 00
Fax: +32 (0)2 462 01 25
belgium@texim-europe.com



United Kingdom

St. Mary's House, Church Lane
Carlton Le Moorland
Lincoln LN5 9HS
Tel: +44 (0)1522 789 555
Fax: +44 (0)845 299 22 26
uk@texim-europe.com



Germany

Bahnhofstrasse 92
D-25451 Quickborn
Tel: +49 (0)4106 627 07-0
Fax: +49 (0)4106 627 07-20
germany@texim-europe.com



Germany

Martin-Kollar-Strasse 9
D-81829 München
Tel: +49 (0)89 436 086-0
Fax: +49 (0)89 436 086-19
germany@texim-europe.com



Austria

Warwitzstrasse 9
A-5020 Salzburg
Tel: +43 (0)662 216026
Fax: +43 (0)662 216026-66
austria@texim-europe.com

Texim Europe B.V.

Elektrostraat 17
NL-7483 PG Haaksbergen
Tel: +31 (0)53 573 33 33
info@texim-europe.com
www.texim-europe.com

