



Passive PFC choke series

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

EI 54

Report of passed Glow-Wire-Test	DIN EN 60335-1, clause 30.2.3.1 and 30.2.3.2	102961/84814
	UL 1446	E237745

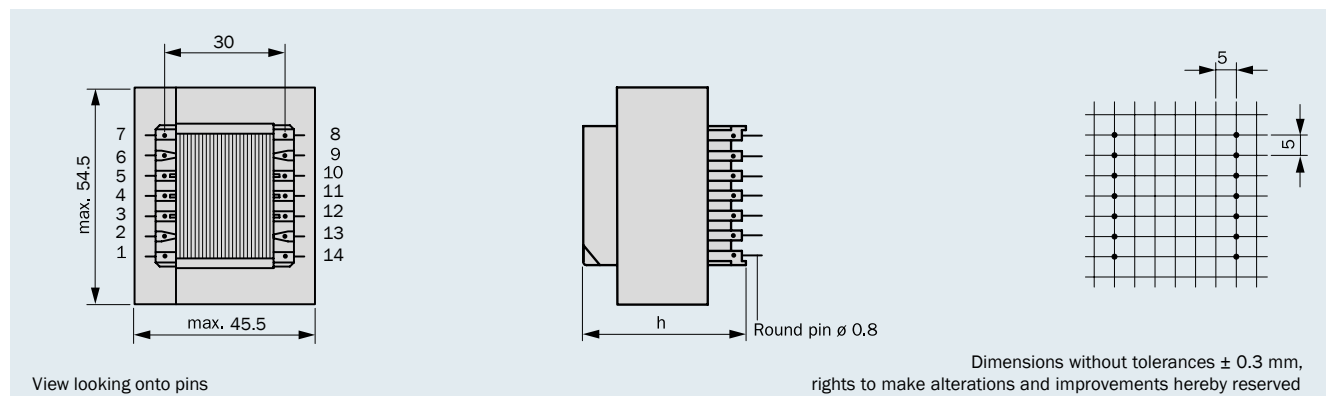
- according to REACH regulation
- according to RoHS regulation

Further certifications / approvals on request!

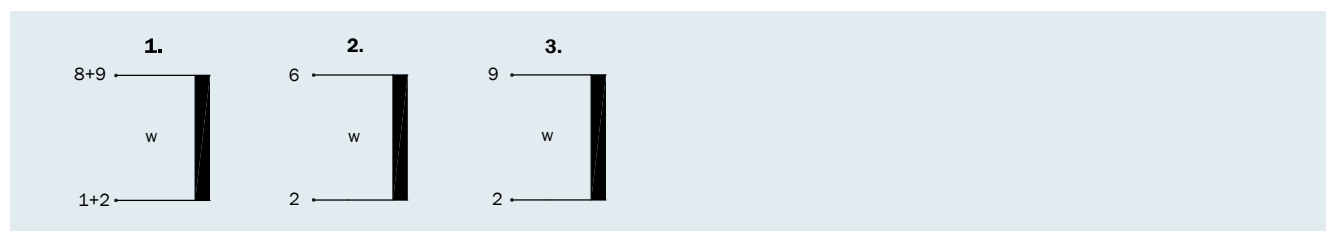


- Excellent temperature fluctuation resistance properties
- High electrical safety and long service-life features
- High voltage resistance to core
- 100 % piece inspection

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	15 pieces




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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