



# Passive PFC choke series

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

# EI 48

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

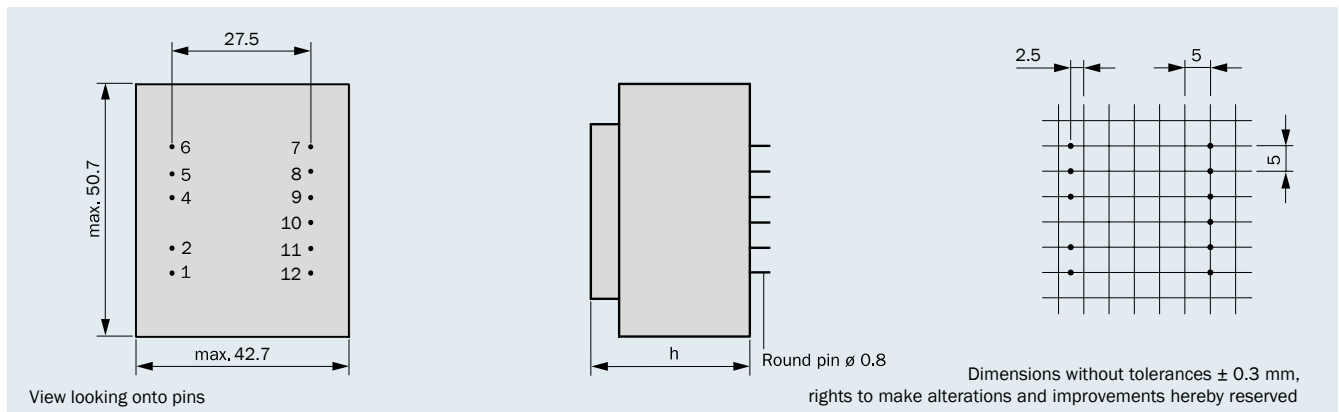
- according to REACH regulation  
- according to RoHS regulation

**Further certifications / approvals on request!**

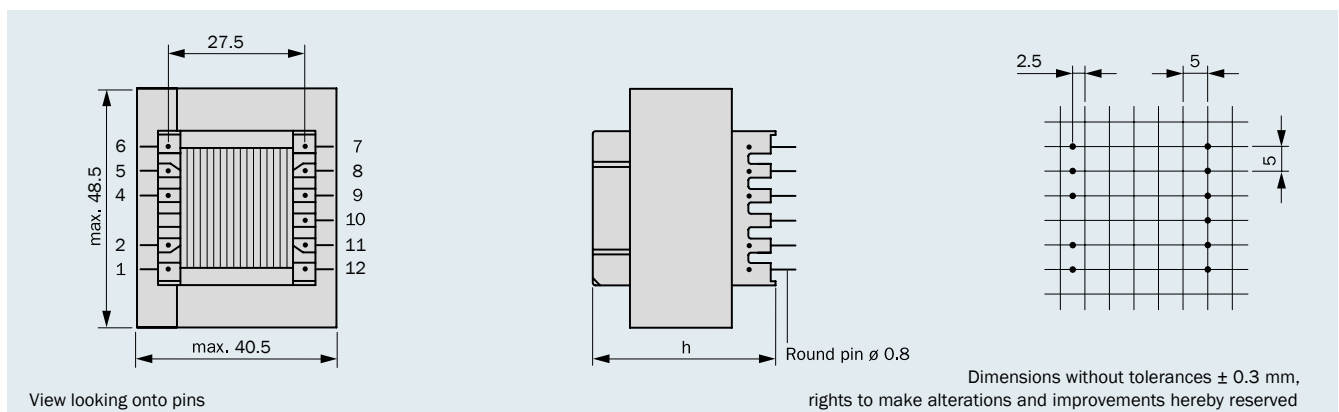


- Excellent temperature fluctuation resistance properties
- High electrical safety and long service-life features
- High voltage resistance to core
- 100 % piece inspection
- For the standard version with cast housing "0":  
Self-extinguishing cast housing and sealing material

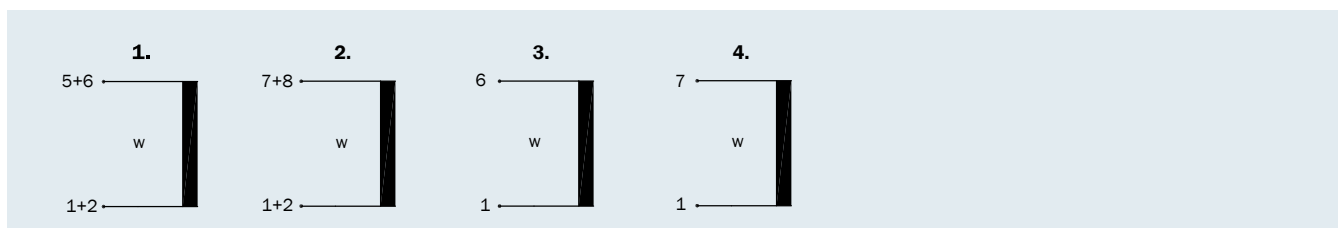
### Connecting pins Type cast housing "0"



### Connecting pins Type open



### Connection scheme



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




# Passive PFC choke series


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 <b>BVD EI 482 1... / 20.5 mm</b>  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 <b>BVD EI 482 0... / 20.5 mm</b>  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