



# Printed-Circuit-Board Flat-type transformers

# UI 48

Output Power: 40.0 VA – 60.0 VA

	<b>DIN EN 61558</b>	2147944.01
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 5085-1</b>	E98173
	<b>UL 5085-2</b>	E98173
	<b>CSA C22.2-66.1-06</b>	E98173
	<b>CSA C22.2-66.2-06</b>	E98173

- according to REACH regulation
- according to RoHS regulation

**Further certifications / approvals on request!**



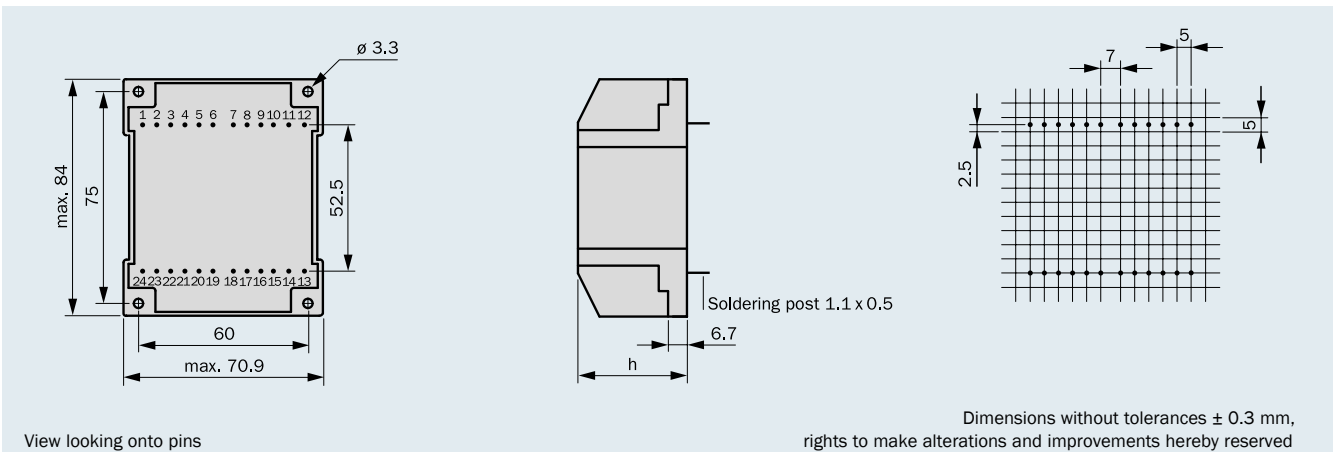
- Output Power up to 60.0 VA
- Temperature class ta 70 °C/B, non short-circuit-proof
- Excellent temperature fluctuation resistance properties
- Vacuum-encapsulated, bobbin type with dual chamber windings
- High electrical safety and long service-life features
- High voltage resistance up to 6000 V
- Self-extinguishing cast housing and sealing material
- 100 % piece inspection

Protection extern secondary by:

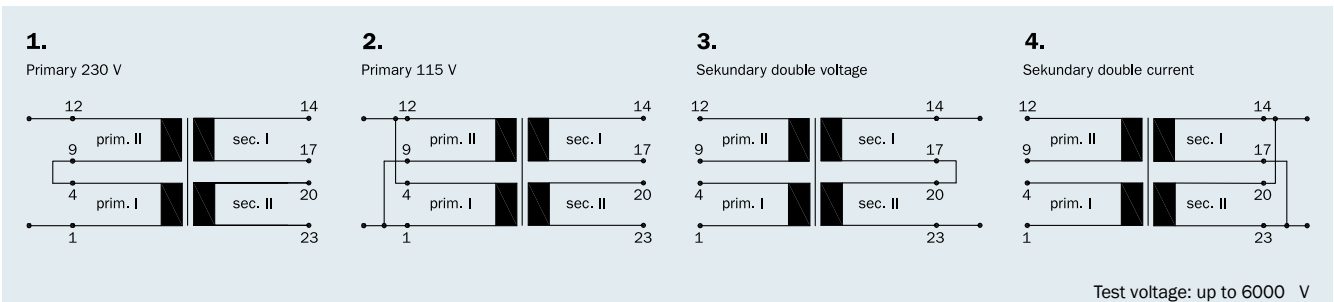
- Micro fuse according to IEC 127

Parallel to the cataloged UI 48 series transformers, HAHN also produces other variants, e.g. with integrated thermo fuse or thermo switch.

## Connecting pins



## Connection scheme (only connected pins are present)



Frame size/Core height	Output Power ta 70 °C/B	Size (h)	Weight	Packaging unit
BV UI 481 .... /17.0 mm	40.0 VA	max. 39.0 mm	0.780 kg	6 pieces
BV UI 482 .... /26.0 mm	60.0 VA	max. 48.2 mm	1.100 kg	6 pieces



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Output Power: up to 60.0 VA

## 40.0 VA ta 70 °C/B

Frame size/Core height  
**BV UI 481.... /  
17.0 mm**

non short-  
circuit-proof



Order No.	Primary voltage V	Connecting pins prim.	Secondary voltage V	Current sec. mA	Connecting pins sec.	No-load voltage V	Connection scheme
BV UI 481 0001	2 x 115	1-4/9-12	2 x 6	3333	14-17/20-23	2 x 7.3	1-4
BV UI 481 0002	2 x 115	1-4/9-12	2 x 9	2222	14-17/20-23	2 x 10.8	1-4
BV UI 481 0003	2 x 115	1-4/9-12	2 x 12	1666	14-17/20-23	2 x 14.3	1-4
BV UI 481 0004	2 x 115	1-4/9-12	2 x 15	1333	14-17/20-23	2 x 17.7	1-4
BV UI 481 0005	2 x 115	1-4/9-12	2 x 18	1111	14-17/20-23	2 x 21.7	1-4

## 60.0 VA ta 70 °C/B

Frame size/Core height  
**BV UI 482.... /  
26.0 mm**

non short-  
circuit-proof



Order No.	Primary voltage V	Connecting pins prim.	Secondary voltage V	Current sec. mA	Connecting pins sec.	No-load voltage V	Connection scheme
BV UI 482 0007	2 x 115	1-4/9-12	2 x 6	5000	14-17/20-23	2 x 7.3	1-4
BV UI 482 0008	2 x 115	1-4/9-12	2 x 9	3333	14-17/20-23	2 x 10.5	1-4
BV UI 482 0009	2 x 115	1-4/9-12	2 x 12	2500	14-17/20-23	2 x 14.0	1-4
BV UI 482 0010	2 x 115	1-4/9-12	2 x 15	2000	14-17/20-23	2 x 17.5	1-4
BV UI 482 0011	2 x 115	1-4/9-12	2 x 18	1666	14-17/20-23	2 x 21.1	1-4
BV UI 482 0012	2 x 115	1-4/9-12	2 x 21	1428	14-17/20-23	2 x 24.5	1-4