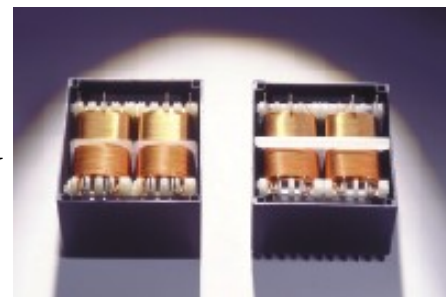


The HAHN UI 48 Series

Quality and efficiency in series

COMPACT DESIGN AND CONVINCING LONG-TERM DURABILITY



HAHN - flat transformers UI 21, UI 30, UI 39, UI 48

performnce from 40 VA to max. 60 VA	highest security durability
temperature class ta 70°C/B, non short-circuit-proof	high dielectric strength
with ENEC 05-; KEMA KEUR-, CSA and UL mark	self-extinguishing cast housing and sealing material
vacuum encapsulated, bobbin with two chambers	quality is individually tested and certified
excellent reaction to temperature changes	packaging unit: 10 pcs

The standard programme ranging from 1.0 - 60 VA Designed to match the VDE 0551/EN 61558-regulations, HAHN flat transformers provide the highest level of safety and reliability in all fields of the electric supply industry, manufacturing industry and product technology in ambient temperatures up to 70 Celsius degrees. HAHN-Transformers are high-quality products meeting all demands on high-tech equipment.

Of course, all products of this programme have been fully tested, vacuum casted and tested at a primary and secondary voltage of 6000 V. (VDE 0551 and CE 15 demand no more than 4000 V.) Leakage distance and sparking distance in air are at least 10 mm. Temperature stability class ta 70/B according to VDE 0551 § 13, EN 61558 and CE 15.

power: 40 VA/60 VA
ta 70/B acc. to VDE 0551/EN 61558

secondary double voltage:
bridge: 17 - 20

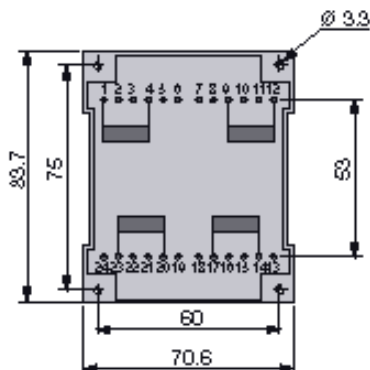
circuit for 115 V
bridge: 1 - 9 and 4 - 12
circuit for 230 V
bridge: 4 - 9

secondary double power:
bridge: 14 - 20 snd 17 - 23

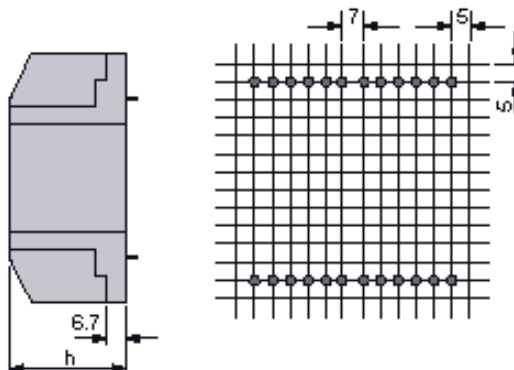
testing voltage: 6000 V



View looking onto pins



Dimensions without tolerances $\pm 0,3$ mm



Soldering post 1.1 x 0.5

prim I : 1-4
prim II: 9-12sec I : 14-17
sec II: 20-23

article no. BV	power (ta 70/B)	size h (mm)	approx. weight in grs.	shipping-unit per box
BV UI 481	40 VA	38.7	780	10
BV UI 482	60 VA	47.7	1100	10

Any product from this series with 2x115 V primary voltage may be delivered the following day if ordered before 12:00 o'clock CET.



article no. BV	power (ta 70/B)	size h (mm)	approx. weight in grs.	shipping-unit per box
BV UI 481	40 VA	38.7	780	10

data sheet	article no.	power VA	primary voltage V	connecting pins prim.	secondary voltage V	current sec. mA	connecting pins sek.	no-load voltage V
---	BV UI 481 0001	40	2x 115	1-4/9-12	2x 6	3333	14-17/20-23	2x 7.3
---	BV UI 481 0002	40	2x 115	1-4/9-12	2x 9	2222	14-17/20-23	2x 10.8
---	BV UI 481 0003	40	2x 115	1-4/9-12	2x 12	1666	14-17/20-23	2x 14.3
---	BV UI 481 0004	40	2x 115	1-4/9-12	2x 15	1333	14-17/20-23	2x 17.7
---	BV UI 481 0005	40	2x 115	1-4/9-12	2x 18	1111	14-17/20-23	2x 21.7
---	BV UI 481 0006	40	2x 115	1-4/9-12	2x 21	952	14-17/20-23	2x 25.2

secondary fuse: external secondary PTC-resistors

[back to sizes](#)

Any product from this series with 2x115 V primary voltage may be delivered the following day if ordered before 12:00 o'clock CET.



article no. BV	power (ta 70/B)	size h (mm)	approx. weight in grs.	shipping-unit per box
BV UI 482	60 VA	47.7	1100	10

data sheet	article no.	power VA	primary voltage V	connecting pins prim.	secondary voltage V	current sec. mA	connecting pins sek.	no-load voltage V
---	BV UI 482 0007	60	2x 115	1-4/9-12	2x 6	5000	14-17/20-23	2x 7.3
---	BV UI 482 0008	60	2x 115	1-4/9-12	2x 9	3333	14-17/20-23	2x 10.8
---	BV UI 482 0009	60	2x 115	1-4/9-12	2x 12	2500	14-17/20-23	2x 14.3
---	BV UI 482 0010	60	2x 115	1-4/9-12	2x 15	2000	14-17/20-23	2x 17.7
---	BV UI 482 0011	60	2x 115	1-4/9-12	2x 18	1666	14-17/20-23	2x 21.7
---	BV UI 482 0012	60	2x 115	1-4/9-12	2x 21	1428	14-17/20-23	2x 25.2
---	BV UI 482 0025	60	2x 115	1-4/9-12	4x 6	1875	13-14/17/181	4x 6.8

---	BV UI 482 0031	60	2x 115	1-4/9-12	2x 23	1300	14-17/20-23	2x 25.8
---	BV UI 482 0032	60	2x 115	1-4/9-12	2x 16	1875	14-17/20-23	2x 18.1

secondary fuse: external secondary PTC-resistors

[back to sizes](#)

We also supply other dimensions and performance data.

Ask us, we shall be glad to meet your special requirements!