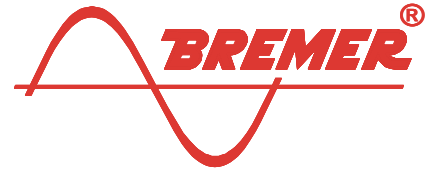


# Transformers 1-phase



"UI"-transformers 130 to 500VA, vertical with transformer terminals. Our small, flat UI transformers with low-cost terminals.

**BREMER 1511-en**

<b>Design:</b>	Vertical, "short" brackets	<b>Ambient temperature:</b>	ta = 50°C (ta = 50/B)
<b>Type series:</b>	"Small UI" core series	<b>Temperature rise:</b>	ΔT = ca. 40...50K (50/B)
<b>Terminals:</b>	Transformer terminal (orange) 1 row	<b>Core material:</b>	Standard material

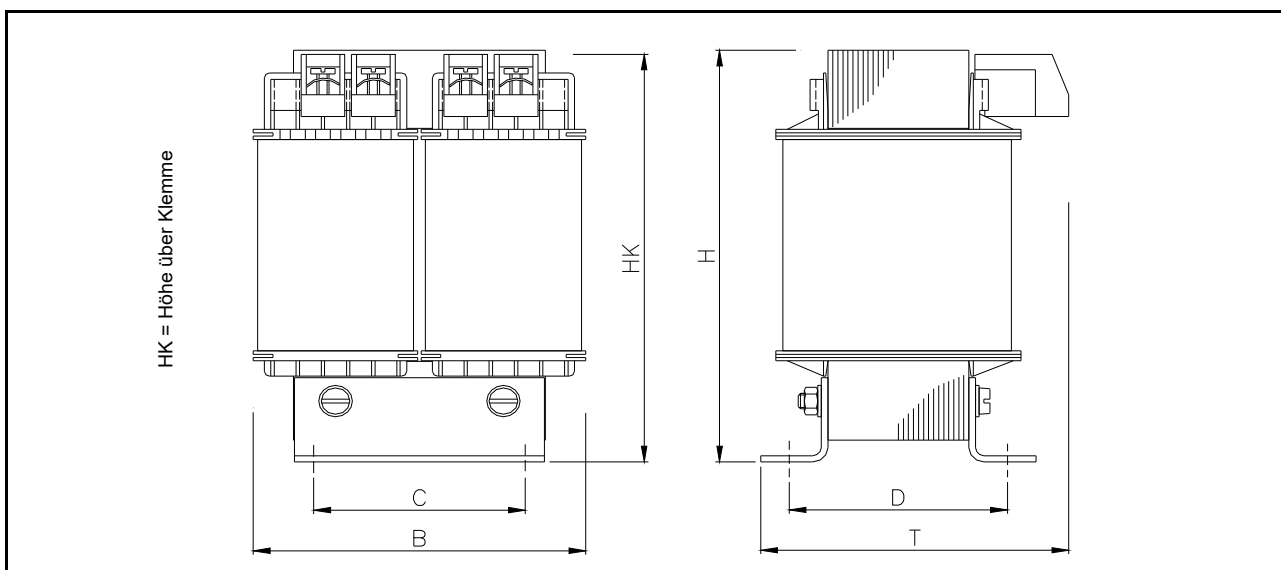
Core-Type	Power approx. VA	Weights copper / total kg	Dimensions with terminals				Mounting dimensions	
			Width B mm	Depth T mm	Height H mm	Height HK mm	C x D mm	For screw
UI 75/26,5	130	1,0 / 2,6	100	80/---	135	135/---	63 x 49,5	M 5
UI 75/41,5	180	1,2 / 3,6	100	95/---	135	135/---	63 x 64,5	M 5
UI 90/31,5	220	1,6 / 4,5	120	85/95	160	155/165	76 x 56,5	M 6
UI 90/41,5	290	1,8 / 5,5	120	95/105	160	155/165	76 x 66,5	M 6
UI 90/51,5	340	2,0 / 6,5	120	105/115	160	155/165	76 x 76,5	M 6
UI 102/36	360	2,8 / 7,0	138	95/105	180	175/185	76 x 66	M 6
UI 102/46,5	440	3,1 / 8,5	138	105/115	180	175/185	76 x 76,5	M 6
UI 102/57	500	3,4 / 10,0	138	115/125	180	175/185	76 x 87	M 6

Dimensions with terminal TK4/TK10 TK10 for currents from 15A

Higher output powers are possible with other core materials for series products.

Insulation class / highest final temperature according to IEC60085: B = 130°C F = 155°C H = 180°C

More about temperatures, standards, no-load / load behaviour, insulating materials and insulating material classes under Technical Terms



Error and subject to change

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Status: 07.10.2021 12:06

Table: BREMER 1511-en-dt\_1UI-SK-TKA\_b.xls

Sketch: 1UI-SK-TKA-L-aax-RF050704.dwg

We develop and produce only in Germany / Berlin-Ludwigsfelde

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