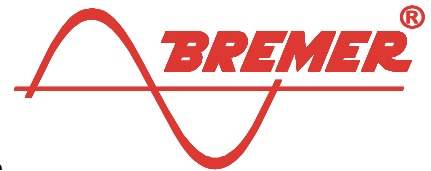


# Transformers 1-phase



"UI"-transformers 150 to 550VA in horizontal construction with spacers.  
Compact construction for units that allow screwing through from the back of the mounting plate; connections with transformer terminals;

**BREMER 1431-en**

<b>Design:</b>	Horizontal with spacer bolts	<b>Ambient temperature:</b>	ta = 40°C (ta = 40/B)
<b>Type series:</b>	"Small UI" core series	<b>Temperature rise:</b>	ΔT = ca. 45...50K (40/B)
<b>Terminals:</b>	Transformer terminal (orange) 1 row	<b>Core material:</b>	Standard material

Core-Type	Insul.cl.	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	B	150	1,0 / 2,6	100	80/---	125	135/---	50 x 100	M 5
UI 75/41,5	B	200	1,2 / 3,6	100	95/---	125	135/---	50 x 100	M 5
UI 90/31,5	B	250	1,6 / 4,5	120	85/95	150	155/165	60 x 120	M 6
UI 90/41,5	B	330	1,8 / 5,5	120	95/105	150	155/165	60 x 120	M 6
UI 90/51,5	B	400	2,0 / 6,5	120	105/115	150	155/165	60 x 120	M 6
UI 102/36	B	430	2,8 / 7,0	138	95/105	170	175/185	68 x 136	M 6
UI 102/46,5	B	510	3,1 / 8,5	138	105/115	170	175/185	68 x 136	M 6
UI 102/57	B	550	3,4 / 10,0	138	115/125	170	175/185	68 x 136	M 6

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

Small horizontal transformers with free ends or solder lugs see BREMER 1430, 1530 and 1730.

For transformers of higher power in horizontal design see BREMER 1432 or 1532 and BREMER 1434 or 1534.

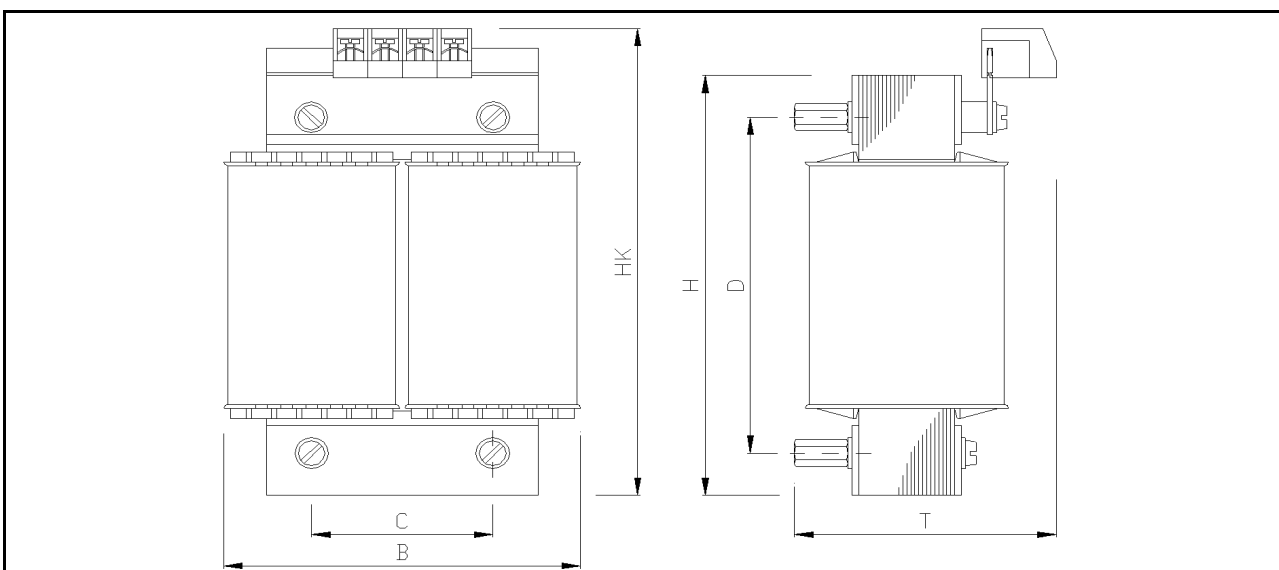
For vertical versions see BREMER 1411 to 1414, BREMER 1511 to 1514 and BREMER 1711 and BREMER 1714.

For versions for ta 50°C see BREMER 15xx .

For versions for ta 70°C see BREMER 17xx .

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: 07.10.202114:32

Table: BREMER 1431-en-dt\_1UI-LA-TKS\_\_c.xls

Sketch: 1UI-LA-TKS-aa-TB210403.dwg

We develop and produce only in Germany / Berlin-Ludwigsfelde

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