

Transformers 3-phase



3-phase transformers 95 bis 950VA 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 3431-en

Design:	Horizontal with spacer bolts	Ambient temperature:	$t_a = 40^\circ\text{C}$ ($t_a = 40/\text{B}$)
Type series:	"Small" three-phase transformers	Temperature rise:	$\Delta T = \text{ca. } 45\dots 50\text{K}$ (40/B)
Terminals:	Transformer terminal (orange) 1 row	Core material:	Loss reduced cores

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
3UI 60/21	95	0,6 / 2,0	120	75/---	100	120/---	80 x 80	M4
3UI 60/31	130	0,8 / 3,0	120	85/---	100	120/---	80 x 80	M4
3UI 75/26,5	250	1,5 / 4,5	150	85/95	125	145/160	100 x 100	M5
3UI 75/41,5	330	1,8 / 6,0	150	100/110	125	145/160	100 x 100	M5
3UI 90/31,5	440	2,4 / 7,0	180	90/100	150	170/185	120 x 120	M6
3UI 90/41,5	550	2,7 / 9,0	180	100/110	150	170/185	120 x 120	M6
3UI 90/51,5	600	3,0 / 10,5	180	110/120	150	170/185	120 x 120	M6
3UI 102/36	700	4,2 / 11,0	205	100/110	170	190/205	136 x 136	M6
3UI 102/46,5	840	4,7 / 13,5	205	110/120	170	190/205	136 x 136	M6
3UI 102/57	950	5,1 / 16,0	205	120/130	170	190/205	136 x 136	M6

Höhe HK mit Klemme TK4/TK10 TK10 für Ströme ab 15A

For 3-phase transformers of higher power in horizontal design see BREMER 3432, 3434; 3532, 3534; 3732, 3734;
For vertical versions see BREMER 3411 to 3414, 3511 to 3514 and 3711 to 3714.

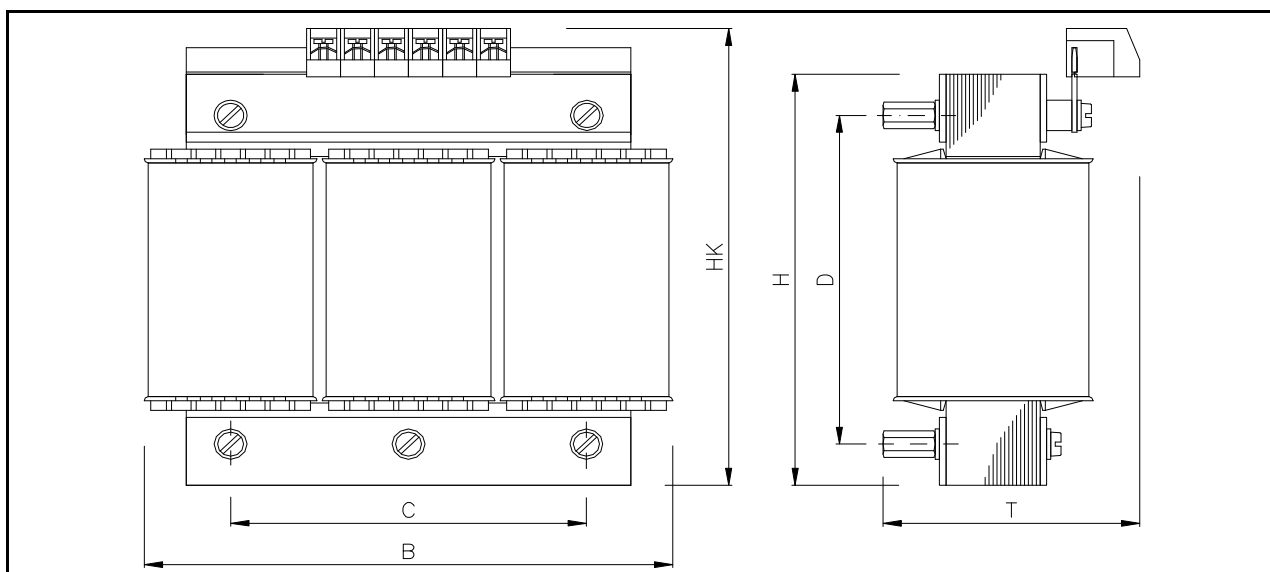
For versions for $t_a 50^\circ\text{C}$ see BREMER 35xx .

For versions for $t_a 70^\circ\text{C}$ see BREMER 37xx .

For vertical versions see BREMER 3411 to 3414, 3511 to 3514 and 3711 to 3714.

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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Table: BREMER 3431-en-dt_kleine3UI-LA-TKS_b.xls

Sketch: 3UI-LA-TKS-L_aax-RF050527.dwg

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