

Transformers 3-phase



3-phase transformers 60 bis 600VA, vertical with transformer terminals. These low-cost "small three-phase transformers" have a moderate thermal design in insulation class B. From type 3UI75 with loss-reduced laminated core.

BREMER 3711-en

Design:	Vertical, "short" brackets	Ambient temperature:	ta = 70°C (ta = 70/B)
Type series:	"Small" three-phase transformers	Temperature rise:	ΔT = ca. 25...30K (70/B)
Terminals:	Transformer terminal (orange color)	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	60	0,6 / 2,0	120	70/80	110	110/---	90 x 39	M 4
3UI 60/31	70	0,8 / 3,0	120	80/90	110	110/---	90 x 49	M 4
3UI 75/26,5	160	1,5 / 4,5	150	80/90	135	135/---	113 x 49,5	M 5
3UI 75/41,5	185	1,8 / 6,0	150	95/105	135	135/---	113 x 64,5	M 5
3UI 90/31,5	260	2,4 / 7,0	180	85/95	160	155/165	136 x 56,5	M 6
3UI 90/41,5	320	2,7 / 9,0	180	95/105	160	155/165	136 x 66,5	M 6
3UI 90/51,5	370	3,0 / 10,5	180	105/115	160	155/165	136 x 76,5	M 6
3UI 102/36	400	4,2 / 11,0	205	95/100	180	175/185	156 x 62,0	M 6
3UI 102/46,5	470	4,7 / 13,5	205	105/110	180	175/185	156 x 72,5	M 6
3UI 102/57	600	5,1 / 16,0	205	115/125	180	175/185	156 x 83,0	M 6

Depth T with 1 / 2 terminal row(s)

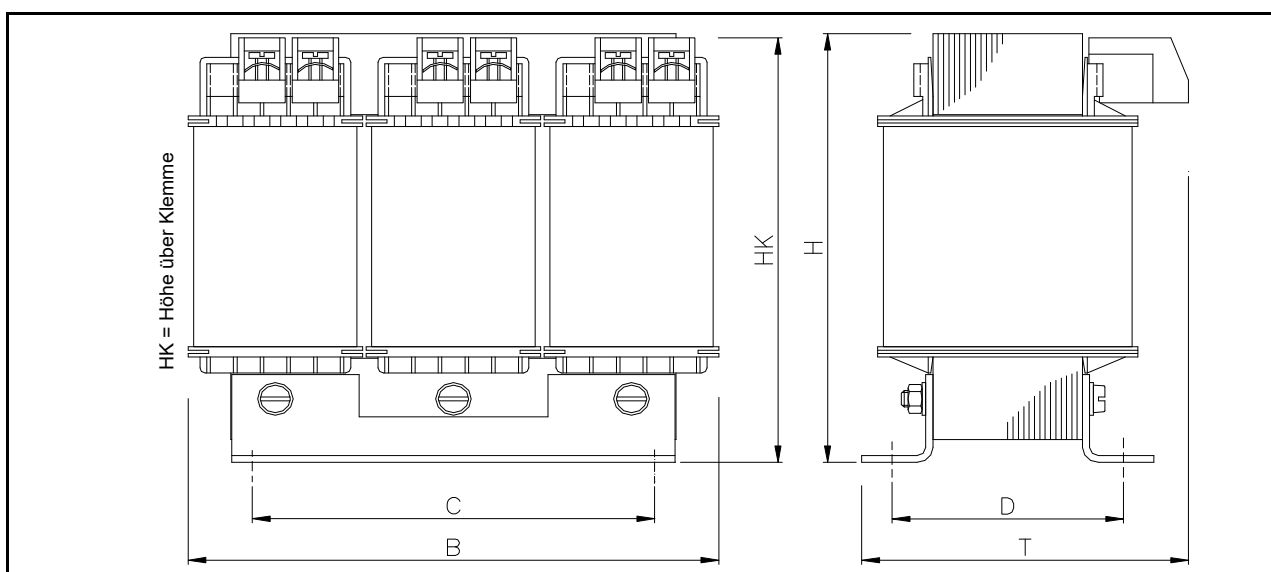
Dimensions with terminal TK4/TK10 TK10 for currents from 15A

If star point(s) are required, a second row of terminals on the rear of 3UI60 ... 3UI90 is mounted.

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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Table: BREMER 3711-en-dt_kleine3UI-SK-TKA__b.xls

Sketch: 3UI-SK-TKA-L-aax-RF091118.dwg

BREMER Transformatoren GmbH

Feel free to call us: Phone +49 (0)3378 20 06-0

www.bremer-trafo.de info@bremer-trafo.de