

Transformers 1-phase



"UI"-transformers 130VA to 10kVA , vertical with pre-mounted terminal blocks for reduced overall height. Terminal arrangement with wire entry from above; from UI120 with loss-reduced laminated core; from UI120/75 also in insulation class F.

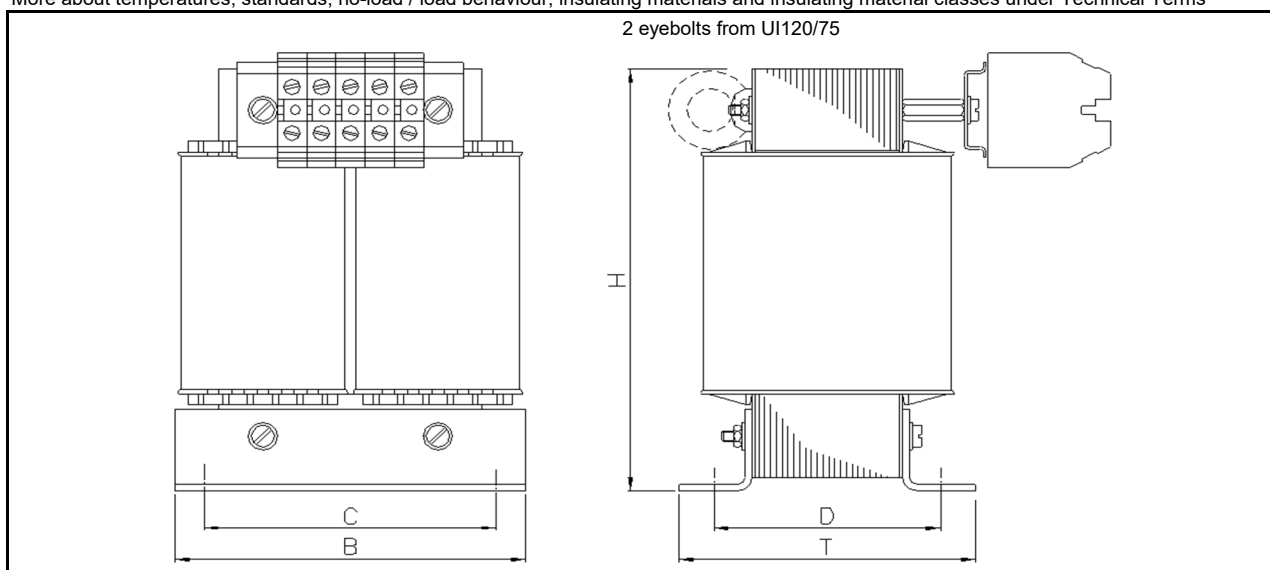
BREMER 1513-en

Design:	Vertical, "long" brackets	Ambient temperature:	ta = 50°C (50/B o. 50/F)
Type series:	"UI" core series	Temperature rise:	ΔT = ca. 40-50K o. 60-70K
Terminals:	Terminal block in front	Core material:	Standard or loss-reduced

Core-Type	Insul.cl.	Power approx. VA	Weights copper / total kg	Basic dimensions			Mounting dimensions	
				Width B mm	Depth T mm	Height H mm	C x D mm	For screw
UI 75/26,5	B	130	1,0 / 2,6	102	80	130	80 x 56,5	M 6
UI 75/41,5	B	180	1,2 / 3,6	102	95	130	80 x 71,5	M 6
UI 90/31,5	B	220	1,6 / 4,5	120	85	155	100 x 57,5	M 6
UI 90/41,5	B	290	1,8 / 5,5	120	95	155	100 x 67,5	M 6
UI 90/51,5	B	340	2,0 / 6,5	120	105	155	100 x 77,5	M 6
UI 102/36	B	360	2,8 / 7,0	138	100	175	103 x 76	M 6
UI 102/46,5	B	440	3,1 / 8,5	138	110	175	103 x 86,5	M 6
UI 102/57	B	500	3,4 / 10,0	138	120	175	103 x 97	M 6
kVA								
UI 120/41	B	0,75	4,8 / 11,0	160	125	205	110 x 95	M 10
UI 120/51	B	0,90	5,2 / 13,0	160	135	205	110 x 105	M 10
UI 120/61	B	1,0	5,6 / 15,0	160	145	205	110 x 115	M 10
UI 120/75	B/F	1,1 / 1,6	6,0 / 17,0	160	159	205	110 x 129	M 10
UI 150/36	B/F	1,2 / 1,5	7,0 / 18,0	200	139	260	140 x 106,5	M 10
UI 150/52	B/F	1,6 / 2,2	8,5 / 22,0	200	155	260	140 x 120,5	M 10
UI 150/65	B/F	1,9 / 2,7	9,5 / 26,0	200	170	260	140 x 133,5	M 10
UI 150/77	B/F	2,0 / 3,0	10,5 / 30,0	200	180	260	140 x 145,5	M 10
UI 150/92	F	3,2	11,5 / 35,0	200	195	260	140 x 160	M 10
UI 180/63	B/F	2,9 / 4,3	19,3 / 43,0	240	165	305	200 x 125	M 10
UI 180/78	B/F	3,7 / 4,8	22,0 / 51,0	240	180	305	200 x 140	M 10
UI 180/93	F	5,5	16,0 / 58,0	240	195	305	200 x 155	M 10
UI 210/63	F	6,2	29,0 / 58,0	280	185	360	240 x 141	M 10
UI 210/73	F	7,0	31,0 / 65,0	280	195	360	240 x 151	M 10
UI 210/88	F	7,7	33,0 / 75,0	280	210	360	240 x 166	M 10
UI 210/103	F	8,3	37,0 / 85,0	280	225	360	240 x 181	M 10
UI 210/133	F	10,0	41,0 / 110,0	280	255	360	240 x 211	M 10

Compared to the BREMER 1512 series, the overall height is reduced due to different terminal mounting.

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 1513-en-dt_1UI-SL_UKV_V35__c.xls

Sketch: 1UI-SL-UKK-ab-TB210330.dwg

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