

Transformers 1-phase



1-phase-power transformers 5 to 20kVA, grain-oriented core laminations; with mounting brackets for mounting on vertical panels; Mounting position with vertical magnetic axis for cooling by convection.

BREMER 1434-en

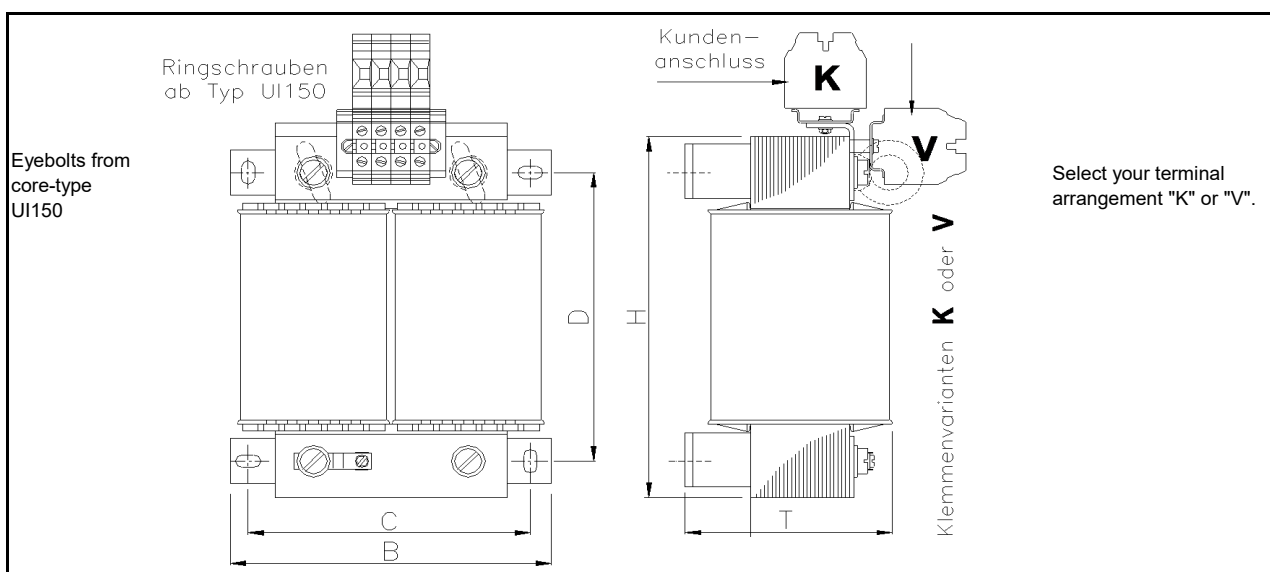
Design:	Fixing brackets typ "B"	Ambient temperature:	ta = 40°C (ta = 40/F)
Type series:	Power transformers "UI"	Temperature rise:	ΔT = ca. 65...70K (40/F)
Terminals:	Terminal block acc. to customer req.	Core material:	Grain-oriented material

Core-Type	Insul.cl.	Power approx. VA	Weights copper / total kg	Basic dimensions without terminals			Mounting dimensions	
				Width B mm	Depth T mm	Height H mm	C x D mm	For screw
UI 180/63	F	5,2	19,3 / 43,0	230	155	300	204 x 240	M 10
UI 180/78	F	6,0	22,0 / 51,0	230	170	300	204 x 240	M 10
UI 180/93	F	7,0	25,0 / 58,0	230	185	300	204 x 240	M 10
UI 210/63	F	8,3	29,0 / 58,0	260	152	350	234 x 280	M 10
UI 210/73	F	9,0	31,0 / 65,0	260	162	350	234 x 280	M 10
UI 210/88	F	10,5	33,0 / 75,0	260	190	350	234 x 280	M 10
UI 210/103	F	12,0	37,0 / 85,0	260	210	350	234 x 280	M 10
UI 210/133	F	14,0	41,0 / 110,0	260	240	350	234 x 280	M 10
UI 240/110	F	16,0	54,0 / 125,0	295	220	400	264 x 320	M 12
UI 240/140	F	20,0	58,0 / 150,0	295	250	400	264 x 320	M 12

These transformers must be mounted with vertical magnetic axis (vertical coil axis) for cooling. In some cases the windings are designed with cooling channels.

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: 13.10.2021 13:52

Table: BREMER 1434-en-dt_1UI-LB_UKK_VM_b.xls

Sketch: 1UI-LB-UKK-UKV-TB210406.dwg

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