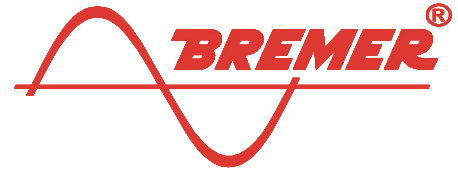


Transformers 1-phase



"UI"-transformers 150VA to 11kVA, horizontal with mounting brackets; terminal block; also with free ends; compact and flat; suitable for switch cabinet rear walls or large 19-inch racks; mounting position from type UI180 by agreement.

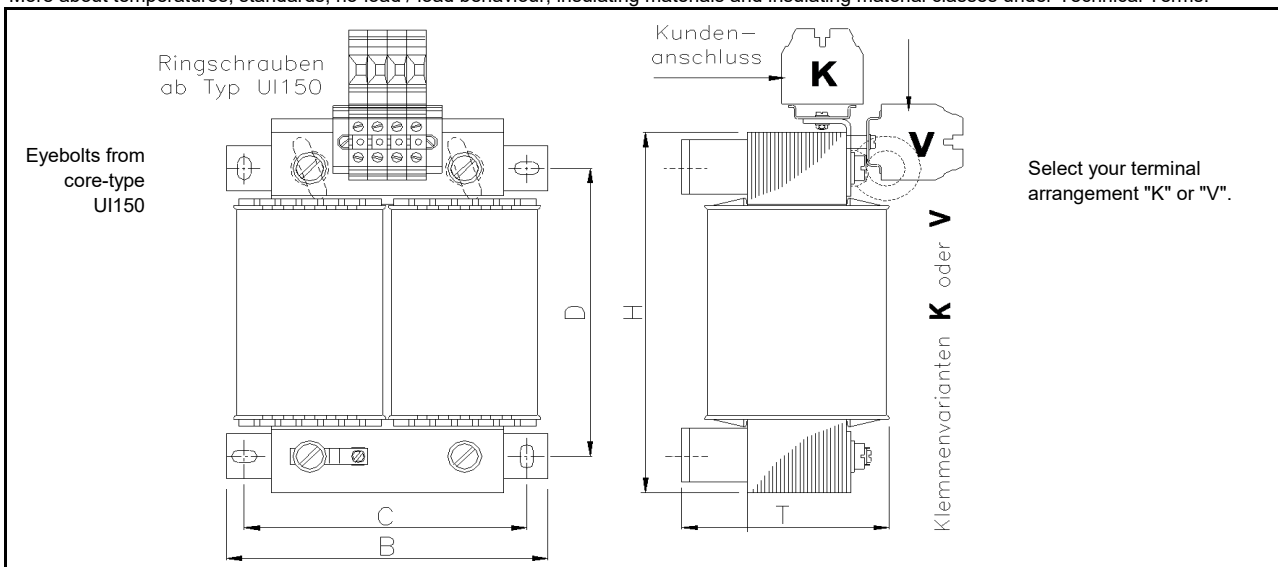
BREMER 1432-en

| | | | |
|--------------|--------------------------------------|----------------------|---------------------------|
| Design: | Fixing brackets typ "B" | Ambient temperature: | ta = 40°C (40/B o. 40/F) |
| Type series: | "UI" core series | Temperature rise: | ΔT = ca. 45-50K o. 65-70K |
| Terminals: | Terminal block acc. to customer req. | Core material: | Standard or loss-reduced |

| Core-Type | Insul.c.l. | 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 75/26,5 | B | 150 | 1,0 / 2,6 | 120 | 67 | 125 | 102 x 100 | M 6 |
| UI 75/41,5 | B | 200 | 1,2 / 3,6 | 120 | 82 | 125 | 102 x 100 | M 6 |
| UI 90/31,5 | B | 250 | 1,6 / 4,5 | 120 | 80 | 150 | 102 x 120 | M 6 |
| UI 90/41,5 | B | 330 | 1,8 / 5,5 | 120 | 90 | 150 | 102 x 120 | M 6 |
| UI 90/51,5 | B | 400 | 2,0 / 6,5 | 120 | 100 | 150 | 102 x 120 | M 6 |
| UI 102/36 | B | 430 | 2,8 / 7,0 | 144 | 90 | 170 | 126 x 136 | M 6 |
| UI 102/46,5 | B | 510 | 3,1 / 8,5 | 144 | 100 | 170 | 126 x 136 | M 6 |
| UI 102/57 | B | 550 | 3,4 / 10,0 | 144 | 110 | 170 | 126 x 136 | M 6 |
| kVA | | | | | | | | |
| UI 120/41 | B | 0,85 | 4,8 / 11,0 | 166 | 100 | 200 | 146 x 160 | M 10 |
| UI 120/51 | B | 1,0 | 5,2 / 13,0 | 166 | 110 | 200 | 146 x 160 | M 10 |
| UI 120/61 | B | 1,1 | 5,6 / 15,0 | 166 | 120 | 200 | 146 x 160 | M 10 |
| UI 120/75 | B/F | 1,3 / 1,8 | 6,0 / 17,0 | 166 | 135 | 200 | 146 x 160 | M 10 |
| UI 150/36 | B/F | 1,3 / 1,7 | 7,0 / 18,0 | 195 | 105 | 250 | 174 x 200 | M 10 |
| UI 150/52 | B/F | 1,8 / 2,6 | 8,5 / 22,0 | 195 | 120 | 250 | 174 x 200 | M 10 |
| UI 150/65 | B/F | 2,0 / 2,8 | 9,5 / 26,0 | 195 | 135 | 250 | 174 x 200 | M 10 |
| UI 150/77 | B/F | 2,2 / 3,2 | 10,5 / 30,0 | 195 | 150 | 250 | 174 x 200 | M 10 |
| UI 150/92 | F | 3,4 | 11,5 / 35,0 | 195 | 165 | 250 | 174 x 200 | M 10 |
| UI 180/63 | B/F | 3,3 / 4,5 | 19,3 / 43,0 | 230 | 155 | 300 | 204 x 240 | M 10 |
| UI 180/78 | B/F | 3,8 / 5,1 | 22,0 / 51,0 | 230 | 170 | 300 | 204 x 240 | M 10 |
| UI 180/93 | F | 6,0 | 25,0 / 58,0 | 230 | 185 | 300 | 204 x 240 | M 10 |
| UI 210/63 | F | 6,7 | 29,0 / 58,0 | 260 | 152 | 350 | 234 x 280 | M 10 |
| UI 210/73 | F | 7,5 | 31,0 / 65,0 | 260 | 162 | 350 | 234 x 280 | M 10 |
| UI 210/88 | F | 8,3 | 33,0 / 75,0 | 260 | 190 | 350 | 234 x 280 | M 10 |
| UI 210/103 | F | 9,0 | 37,0 / 85,0 | 260 | 210 | 350 | 234 x 280 | M 10 |
| UI 210/133 | F | 11,0 | 41,0 / 110,0 | 260 | 240 | 350 | 234 x 280 | M 10 |

For higher output powers with grain-oriented core material, see BREMER 1434 or 1534.

More about temperatures, standards, no-load / load behaviour, insulating materials and insulating material classes under Technical Terms.



Error and subject to change

We develop and produce only in Germany / Berlin-Ludwigsfelde

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Status: 13.10.2021 13:08

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

Table: BREMER 1432-en-dt_1UI-LB_UKV_V35__c.xls

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

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