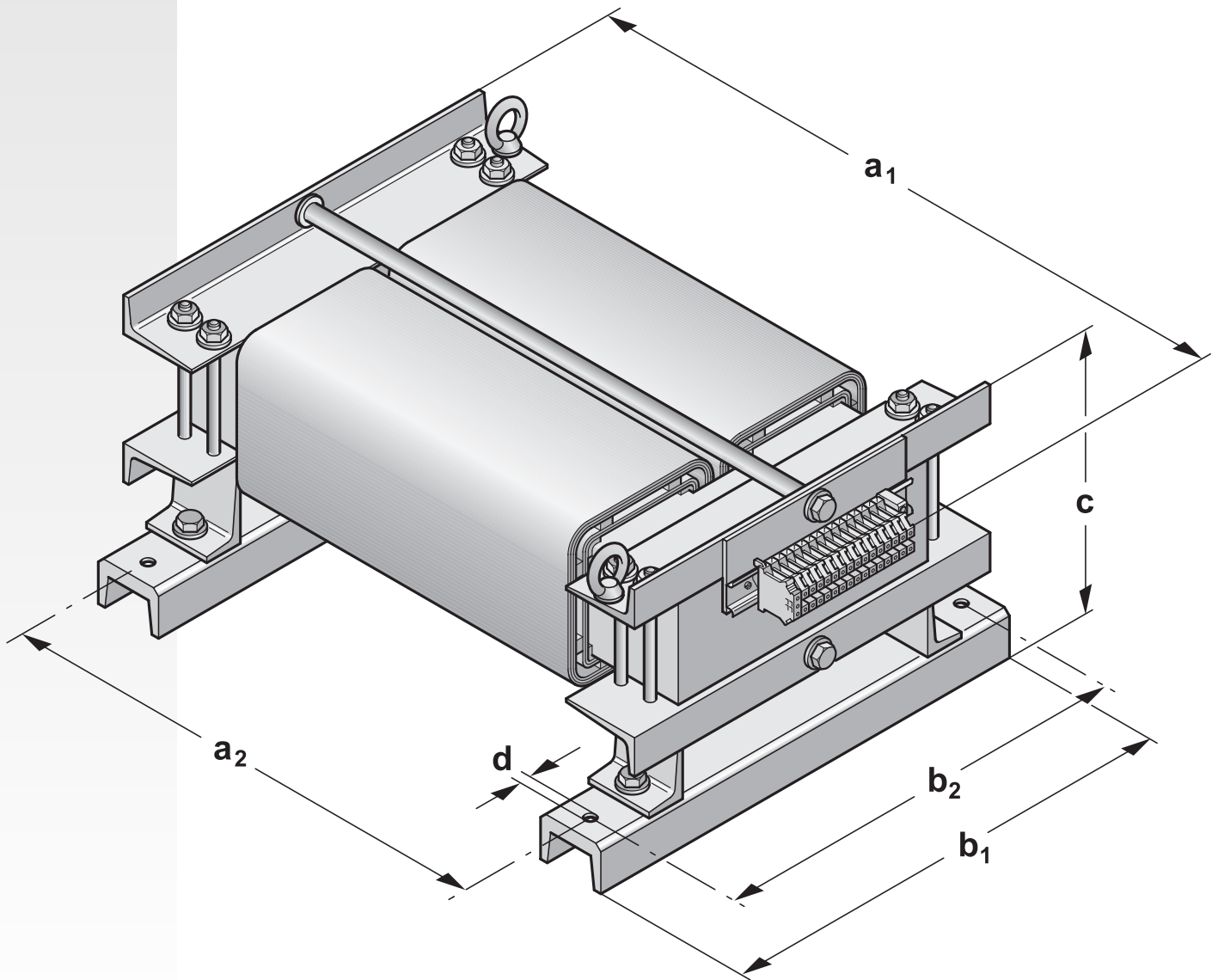


Type UTL

Single-phase power transformers up to 40 kVA to VDE 0570-2-1 / EN 61558-2-1
from 40 kVA to VDE 0532

Application

To supply electrical consumers with higher power consumption, e.g. furnaces, melting troughs, converter drives, production lines, etc. Customized specification and dimensions ensure optimal application.



SINGLE-PHASE POWER TRANSFORMERS



Construction

- ➔ Open construction (IP 00, incorporation up to max. IP 23)
- ➔ Separated windings
- ➔ Resting on U-sections
- ➔ Connections to safe-to-touch screw terminals in accordance with VBG 4 with self-releasing clamp (higher current ratings to studs or flat termination with bolt)
- ➔ High-grade, tropicalized vacuum impregnation in black polyester impregnating resin
- ➔ Wear-resistant, heat, UV and solvent resistant nameplate
- ➔ **Special versions** available on request

Specifications

Output range	32 kVA - 160 kVA
Input voltage	max. 750 V
Output voltage	max. 750 V
Output current at	
-Screw terminals	max. 135 A
-Studs	max. 450 A
-Flat termination	max. 2000 A
Frequency	50-60 Hz
Vector group	li0
Protection class	I
Protection index	IP 00
Insulation class	B/F
Ambient temperature	max. 40°C

Overview

Size	Rated output	Short-circuit voltage	Total weight	Copper weight	a ₁	b ₁	Dimensions		d	c
	kVA (DB)	appr. %	appr. kg	appr.kg			a ₂	b ₂		
137	32	2.70	140.0	45.0	670	460	495	420	11	285
139	40	2.09	170.0	53.0	670	460	495	420	11	310
148	50	2.05	215.0	70.0	770	560	570	520	11	285
141	63	1.65	275.0	81.0	770	560	570	520	11	310
142	80	1.40	320.0	88.0	770	560	570	520	11	340
146	100	1.32	380.0	141.0	830	680	600	640	11	305
147	125	1.10	480.0	157.0	830	680	600	640	11	335
145	160	1.07	560.0	165.0	830	680	600	640	11	370

The values in the table above are for the thermal steady state at 40°C ambient temperature.

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