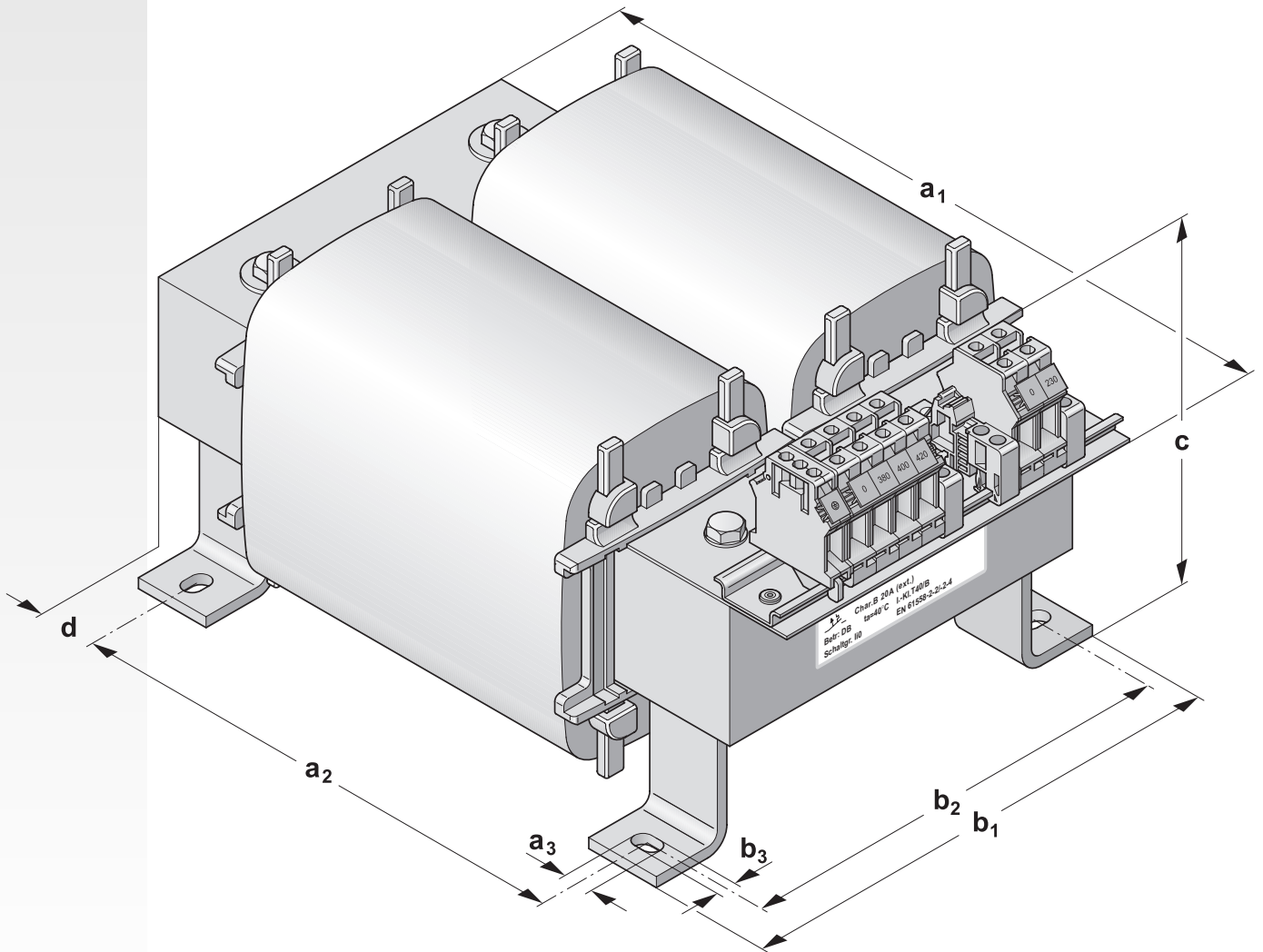


Type UTK

Single-phase control transformers to VDE 0570-2-2 / EN 61558-2-2
Single-phase isolating transformers to VDE 0570-2-4 / EN 61558-2-4

Application

Isolating transformers for general application, e.g., as associated transformers to VDE 0700, 0750, 0805.
 Transformers supplying control circuits in switchgear systems, distribution boards, machines, etc. to VDE 0113.



TYP A UTK SINGLE-PHASE CONTROL TRANSFORMER



Construction

- ➔ Open construction (IP 00, incorporation up to max. IP 23)
- ➔ Separated windings by **double/extra strong** insulation (safe separation)
- ➔ Line-side variable tapping
- ➔ Lying on foot clamps (DIN 41 307)
- ➔ Connection to screw clamping terminals with self-releasing clamp
- ➔ High-grade, tropicalized vacuum impregnations in black polyester impregnating resin
- ➔ Wear-resistant, heat, UV and solvent resistant nameplate

Specifications

Output range	2500 VA - 5000 VA
Input voltage	380/400/420 V
Output voltage	230 V
Frequency	50-60 Hz
Vector group	li0
Protection class	I
Protection index	IP 00
Insulation class	B
Ambient temperature	max. 40° C
Other voltages on request	

Overview

Art. no.	Rated output cos φ = 1 VA (DB)	Short-time rating cos φ = 0,5 VA	u _k %	u _r %	Total weight appr. kg	Copper weight kg	a ₁	b ₁	a ₂	Dimensions b ₂ a ₃ approx. mm	b ₃	c	d
188-0007	2500	8320	3.06	2.92	22.0	8.5	283	196	200	174 14	9	145	25
189-0009	3200	12770	2.55	2.48	29.0	9.3	283	196	200	174 14	9	170	25
190-0001	4000	11140	3.17	2.79	39.0	15.0	331	236	240	204 14	9	186	30
190-0002	5000	14355	3.02	2.66	38.0	14.0	331	236	240	204 14	9	186	30

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

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