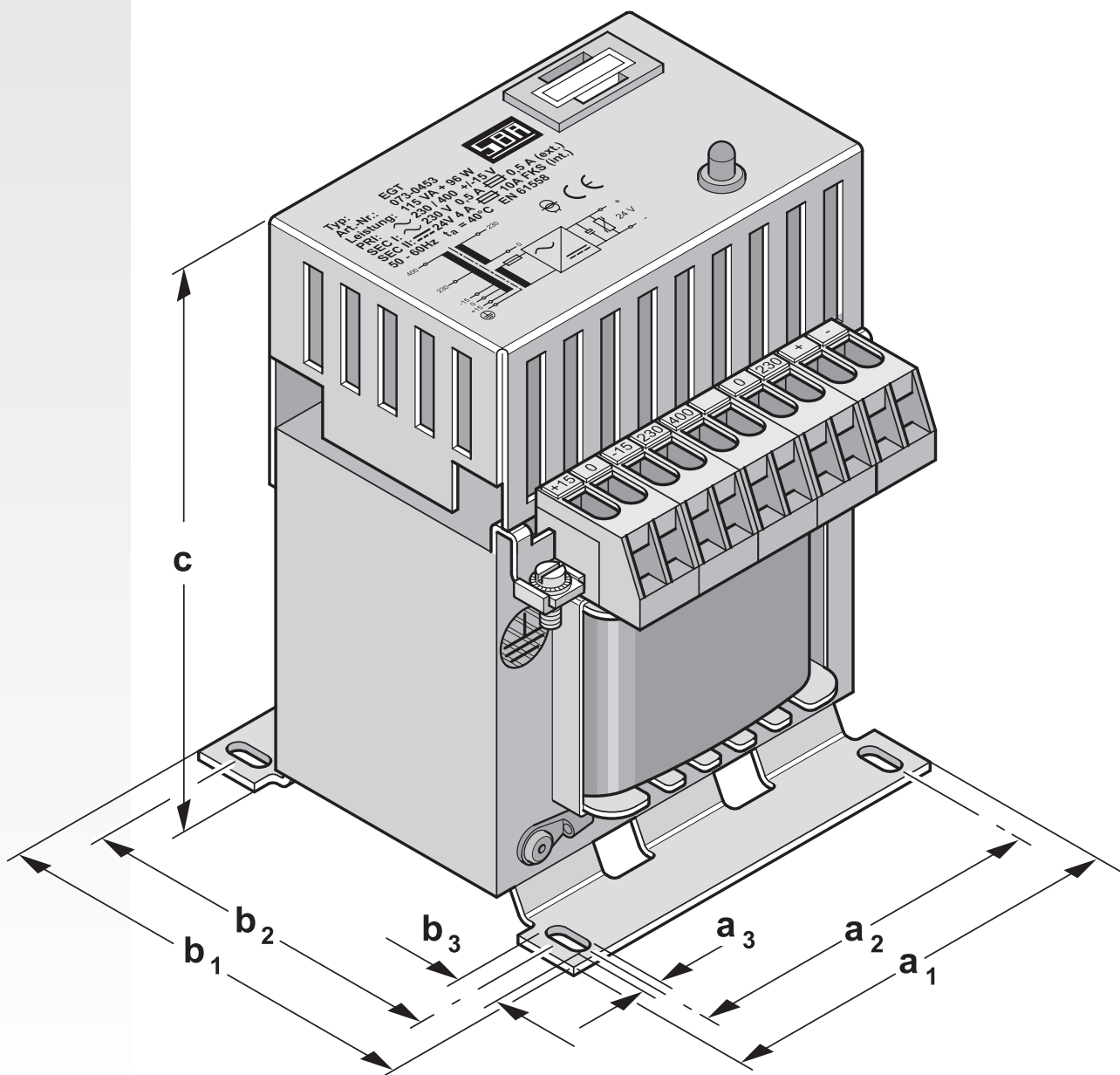


Type EGT

Compact DC power supplies with AC and DC output
Isolating transformers to VDE 0570-2-4/EN 61558-2-4

Application

As **DC power supply** for general applications, e. g., as associated transformer, for supplying control circuits in switchgear systems, distribution boards, machines, etc. to VDE 0113 and at the same time as **isolating transformer** for general applications, e. g. for equipment in accordance with VDE 0700, 0750, 0805.



TYPE EGT

COMPACT DC POWER SUPPLIES



Construction

- ➔ Open construction (IP 00, incorporation up to max. IP 23)
- ➔ Products comply with EN 61558-2-4
- ➔ Separated windings by **double/extra strong** insulation (safe separation)
- ➔ Line-side variable tapping
- ➔ Fastening dimensions to DIN 41308
- ➔ Connection to screw clamping terminals in accordance with VBG 4 with self-releasing clamp
- ➔ Output configuration: varistor, filter capacitor (105 °C) and discharge resistance
- ➔ **Output components covered safe-to-touch acc. to VDE 0106, part 100**
- ➔ DC output is overload and short circuit resistant due to integrated fuse link (FKS)
- ➔ DC voltage indicated by green LED
- ➔ High-grade, tropicalized vacuum impregnations in black polyester impregnating resin
- ➔ Performance data with circuit diagram printed on product

Specifications

Input voltage	230/400 V +/- 15 V
Frequency	50-60 Hz
SEC I:	
Output range	115 VA - 630 VA
Output voltage	230 V (AC)
Output current	0,5 - 2,75 A (AC)
SEC II:	
Output range	96 W - 240 W
Output voltage	SELV DC 24 V
Output current	4 - 10 A (DC)
Ripple factor (typ.)	< 5 %
Vector group	lii0 with shielding winding
Protection class	I
Protection index	IP 00
Ambient temperature	max. 40 ° C
Interference emission	EN 61000-6 -3/-4, (class B)
Interference immunity	EN 61000-6 -1/-2

Overview

Type	Article no.	SEC I			SEC II			Total weight appr. kg	a ₁	b ₁	a ₂	Dimensions approx. mm			
		230 V (AC) VA	A	W	24 V (DC) A	Fuse	b ₂					a ₃	b ₃	c	
EGT 2404	073-0453	115	0.50	96	4.0	10 A (FKS)	3.8	101	113	84	87	5.8	9	139	
EGT 2406	076-0428	200	0.87	144	6.0	15 A (FKS)	6.8	132	121	90	104	5.8	12	153	
EGT 2410	079-0481	630	2.75	240	10.0	25 A (FKS)	13.4	150	155	122	133	7	15	205	

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

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