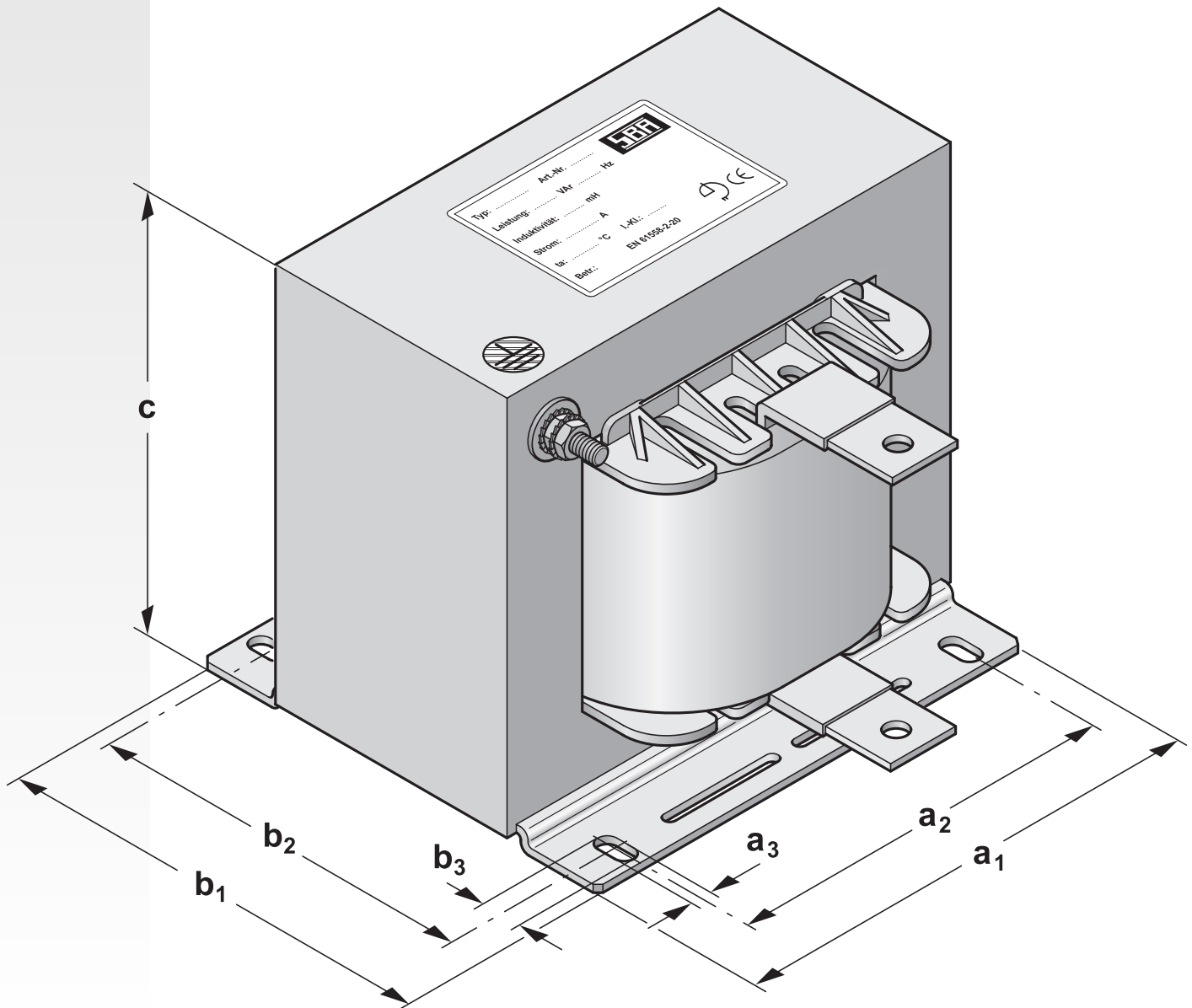


Type DNE

Single-phase line reactor to EN 61558-2-20 / VDE 0570-2-20

Application

Reactor limiting peak current, suppressing reactions on system and commutation notches. Harmonics are substantially dampened. As discharge reactor for capacitors in compensation systems. As neutral grounding reactor to reduce neutral conductor currents in local three-phase systems. As series reactor for current limitation in discharge lamps. Customized specification and dimensions ensure optimal application.



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TYPE DNE

SINGLE-PHASE LINE REACTORS



Construction

- ➔ Open construction (IP 00, incorporation up to max. IP 23)
- ➔ Required space according to DIN 41308
- ➔ Depending on rated current: screw terminals or flat termination with bolt
- ➔ Very low-noise due to special core assembly and high-grade vacuum impregnation in black polyester impregnating resin
- ➔ Wear-resistant, heat, UV and solvent resistant nameplate
- ➔ **Special versions** available on request

Specifications

Supply voltage	max.	1000 V
Output	max.	2500 VAr
Current	max.	1000 A
Frequency	max	400 Hz
Protection class		I
Protection index		IP 00
Insulation class		B
Ambient temperature	max.	40° C

Overview

Size	Design rating	Total weight appr. kg	Copper weight appr. kg	a ₁	b ₁	Dimensions					
	VAr					a ₂	b ₂	a ₃	b ₃	c	c*
037	20	0.5	0.12	55	47	44	36	3.6	7	65	85
038	32	0.6	0.16	66	53	50	40	4.8	8	55	65
039	50	0.9	0.18	66	65	50	52	4.8	8	55	65
040	63	1.2	0.25	78	61	56	49	4.8	8	70	80
041	80	1.5	0.28	78	71	56	58	4.8	8	70	80
042	100	1.6	0.35	84	64	64	50	4.8	8	75	90
043	125	2.0	0.40	84	77	64	64	4.8	8	75	90
071	160	2.3	0.52	96	81	84	64	5.8	9	85	100
072	200	2.8	0.65	96	89	84	73	5.8	9	85	100
073	250	3.6	0.72	96	103	84	87	5.8	9	85	100
074	320	4.2	1.05	120	93	90	74	5.8	12	105	120
075	400	5.2	1.15	120	101	90	85	5.8	12	105	120
076	500	6.6	1.40	120	121	90	104	5.8	12	105	120
077	630	7.7	2.00	150	113	122	90	7	15	130	140
078	800	9.9	2.35	150	130	122	106	7	15	130	140
079	1000	13.1	2.50	150	155	122	133	7	15	130	140
080	1250	13.7	3.80	174	127	135	102	7	15	150	160
081	1600	17.2	4.20	174	147	135	122	7	15	150	160
082	2000	20.5	4.50	1174	167	135	142	7	15	150	160
083	2500	26.0	5.50	192	190	155	154	11	18	165	180

*Dimensions include terminals

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SBA-TrafoTech GmbH
Winkelleite 14
91332 Heiligenstadt, Germany
Telephone +49 (0)9198/8 09-19
Facsimile +49 (0)9198/8 09-30
sales@sba.de

SBA-Trafobau Jena GmbH
Ilmstraße 18
07743 Jena, Germany
Telephone +49 (0)3641/4514-0
Facsimile +49 (0)3641/4514-30
info@sba.de

Internet: www.sba.de