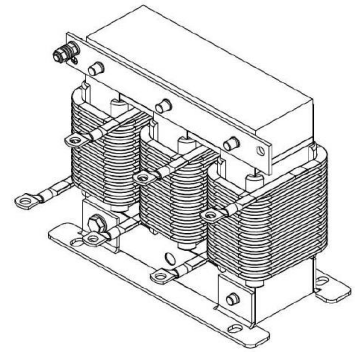
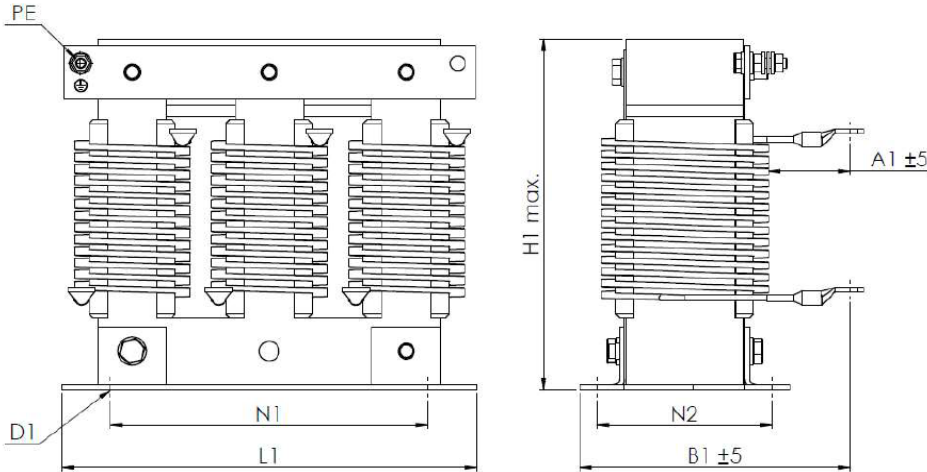


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Dimension drawing:



all materials according to REO insulation system REO Class 155 (F) REO 155-1 E 251513!

Errors and changes reserved.

Mechanical Data:

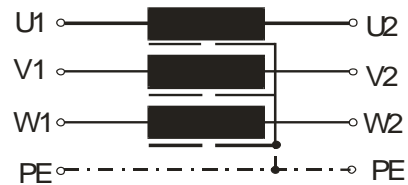
Length L1	190,0 mm	Fixing space N1	170,0 mm	total weight	8,5 kg
Width B1	135,0 mm	Fixing space N2	77,0 mm	Weight Cu	1,90 kg
Height H1	160 mm max.	Diameter D1	8 x 12 mm	connection cable lug	M8
		Length A1	40,0 mm	PE	M8

Tolerance according to ISO2768-1 Tolerance class c

Electrical Data:

Rated current:	I eff.	90 A	
Voltage:	U	3x 500 V	(50 / 60 Hz)
Inductance:	L	0,170 mH	± 10 %
DC resistance:	R	3,01 mΩ	± 10 %
	uk	2%	
Power losses:		80,0 W	
cooling system		AN	
Thermal class:	F		@ 40° C Environment
Climate class:	25/085/21		DIN IEC 68 Part 1
Max. Winding temp:	140° C		Environment +Δ9
Degree of protection:	IP 00		

Schematic:



Tests

Inductance (mH)	Lo (± 10%)	bei 100Hz , 1V
High voltage	2,5 kV /50 Hz/ 60s	Winding - Winding
	2,5 kV /50 Hz/ 60s	Winding - PE
mechan. dimensions	yes	
Visual inspection	yes	

Label:

Designation: REO 3ph-motor choke
 Text 1: N CNW 854 /90/0,17/500/50
 Text 2: 90
 Text 3: 500
 L[mH]: 0,17
 Text 2: AN
 Text 3: T40/F
 Terminal designation: U1 U2 V1 V2 W1 W2

Bezeichnung	Text 1	REO AG Class 155 (F) REO 155-1 E 251513
I (A)	U (VDC)	L (mH)
Text 2	Text 3	
Klemmenbezeichnung		CE



REO AG Class 155 (F)
REO 155-1 E 251513

Designation:
REO 3ph-motor choke
N CNW 854 /90/0,17/500/50

Cond.	Date	Name	Amendment	
signed			Page	
revised by	22.7.21	Freude	No. off	No.
checked				



Drawing-Nr.: **BV 969411.24-00**