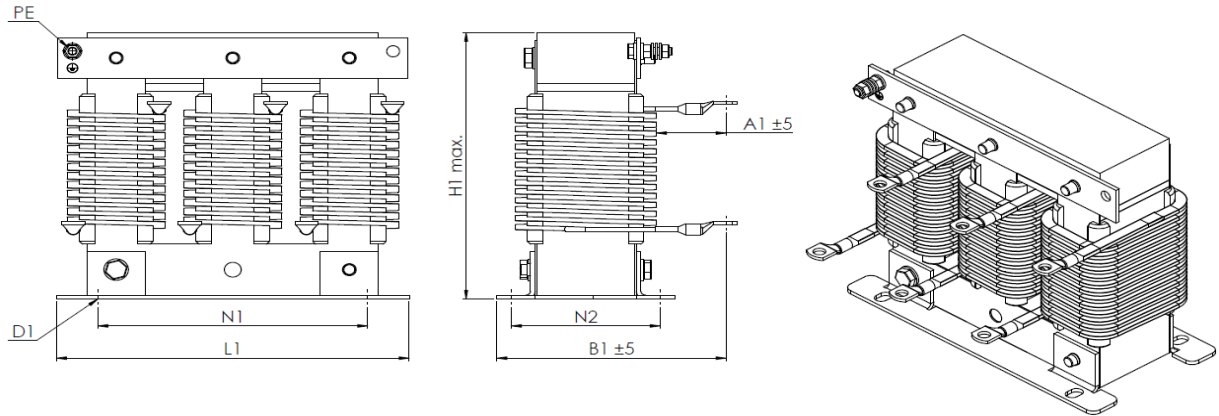


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**Dimension drawing:**



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

Subject to technical and dimensional modifications!

**Mechanical Data:**

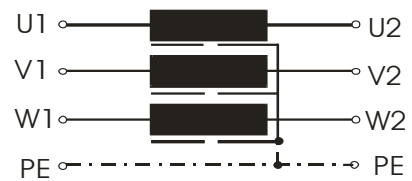
|           |               |                 |                |                   |        |
|-----------|---------------|-----------------|----------------|-------------------|--------|
| Length L1 | 155,0 mm      | Fixing space N1 | 130,0 mm       | total weight      | 3,6 kg |
| Width B1  | 110,0 mm      | Fixing space N2 | 54,0 mm        | weight Cu         | 1,0 kg |
| Height H1 | 130,0 mm max. | Diameter D1     | 8,0mm x 12,0mm | <b>connection</b> |        |
|           |               | A1              | 40,0 mm        | cable lug         | M6     |
|           |               |                 |                | PE                | M6     |

**Tolerance according to ISO2768-1 Tolerance class c**

**Electrical Data:**

|                       |        |           |                     |
|-----------------------|--------|-----------|---------------------|
| Rated current:        | I eff. | 30 A      |                     |
| linear up:            |        | 36 A      |                     |
|                       | uk     | 2,0 %     |                     |
| Voltage:              | U      | 500 V     | (50 / 60 Hz)        |
| Inductance:           | L      | 0,500 mH  | ± 10 %              |
| DC resistance:        | R      | 9,97 mΩ   | ± 10 %              |
| Power losses:         |        | 40,0 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: N CNW 854 / 30A / 0,5mH  
 Text 1: REO 3ph-motor-choke  
 I[A] : 30  
 U[V] : 500  
 L[mH] : 0,5  
 Text 2: T40/F  
 Text 3: U1 U2 V1 V2 W1 W2  
 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             |        |  |
| Klappenbezeichnung   |                    |        |  |



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

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Designation:

**REO 3ph-motor-choke**  
**N CNW 854 / 30A / 0,5mH**

Drawing-Nr.:

**BV 969406.24 - 00**

|            |        |      |             |
|------------|--------|------|-------------|
| Cond.      | Date   | Name | Amendment   |
|            | Date   | Name |             |
| signed     |        |      | Page        |
| revised by | 2.6.21 | Fr   | No. off No. |
| checked    |        |      |             |

