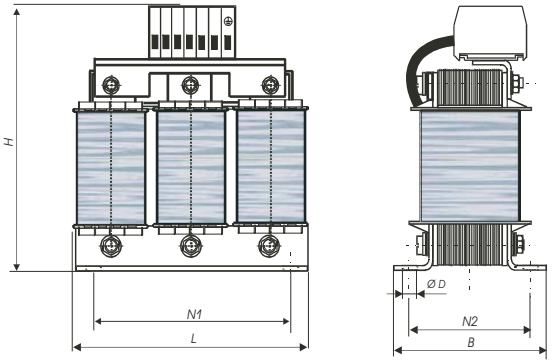
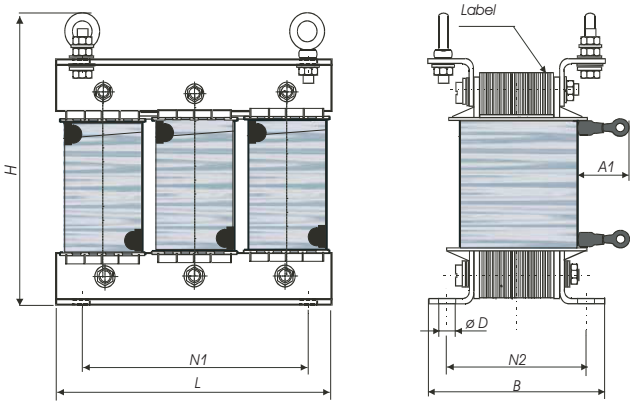
| RevNo | Revision note | Date | Signature | Checked |
|---|---|---|---|---|

# Dimensional Information

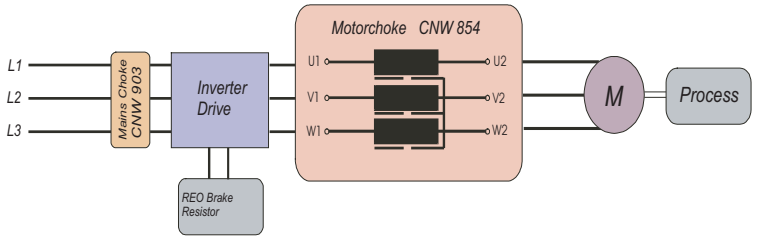
## Image 1




## Image 2



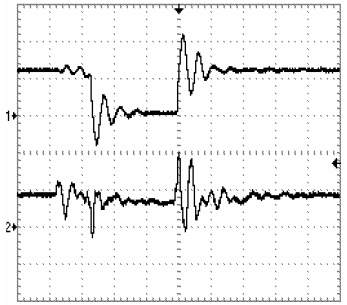

## Circuit Diagram




## Technical Data

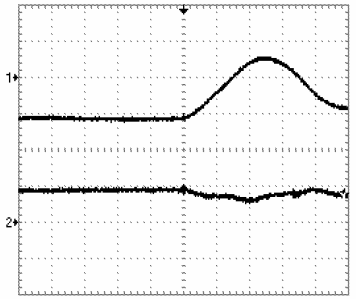
| Type | Image | Connection [mm²] | L [mm] | H [mm] | B [mm] | N1 [mm] | N2 [mm] | ØD [mm] | A1 [mm] | Rated Voltage [V] | Rated Current [A] | Inductance per phase [mH] | Copper [kg] | Weight [kg] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CNW 854/8 | 1 | 2,5 | 95 | 107 | 61 | 56 | 43 | 4 | - | 3 x 500 50 Hz | 8 | 2,0 | 0,6 | 1,5 |
| CNW 854/10 | 1 | 4 | 125 | 158 | 61 | 100 | 45 | 5 | - | | 10 | 1,7 | 0,9 | 2,2 |
| CNW 854/12 | 1 | 4 | 125 | 158 | 76 | 100 | 55 | 5 | - | | 12 | 1,2 | 1,1 | 2,8 |
| CNW 854/16 | 1 | 6 | 125 | 158 | 76 | 100 | 55 | 5 | - | | 16 | 0,9 | 1,1 | 2,8 |
| CNW 854/24 | 1 | 10 | 155 | 185 | 66 | 130 | 57 | 8 | - | | 24 | 0,7 | 1,9 | 4,2 |
| CNW 854/30 | 1 | 10 | 155 | 185 | 66 | 130 | 57 | 8 | - | | 30 | 0,5 | 1,9 | 4,2 |
| CNW 854/37 | 1 | 16 | 155 | 185 | 81 | 130 | 72 | 8 | - | | 37 | 0,42 | 2,6 | 5,9 |
| CNW 854/48 | 1 | 16 | 190 | 210 | 82 | 170 | 58 | 8 | - | | 48 | 0,38 | 3,7 | 7,3 |
| CNW 854/60 | 1 | 35 | 190 | 223 | 82 | 170 | 58 | 8 | - | | 60 | 0,28 | 4,0 | 7,3 |
| CNW 854/75 | 1 | 35 | 190 | 223 | 92 | 170 | 68 | 8 | - | | 75 | 0,22 | 4,2 | 8,6 |
| CNW 854/90 | 1 | 35 | 190 | 223 | 102 | 170 | 78 | 8 | - | | 90 | 0,19 | 4,5 | 11 |
| CNW 854/115 | 2 | M12 95 | 240 | 256 | 107 | 185 | 85 | 11 | 75 | | 115 | 0,17 | 9,6 | 23 |
| CNW 854/150 | 2 | M12 95 | 240 | 256 | 107 | 185 | 85 | 11 | 75 | | 150 | 0,12 | 9,6 | 23 |

### Without motor choke




CH 1: **Voltage** ( 500 V/div; 5 µs/div)
CH 2: **Current** (12,5 A/di v; 5 µs/div)

### With motor choke




CH 1: **Voltage** ( 500 V/div ; 5 µs/div )
CH 2: **Current** ( 12,5 A/div ; 5 µs/div)

| | Test voltage<br>L-N 2100 V,DC 1s L/N-PE 2700 V,DC 1s |
|---|---|
| Overload<br>1,5 x $I_{nom}$ 1 min / h | Climatic category<br>DIN IEC 68 Teil 1 25/085/21 |

| Designed by | Approved by | Approved Date | File Name | Issue Date | Scale |
|---|---|---|---|---|---|
| M Gillam | S Hughes | 07.07.09 | CNW854 8_150.AI | 07.02.08 | 1:1 |


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Title: EMC FILTER TECHNICAL INFORMATION

Drawing Number: CNW 854/XX

Sheet: 1 of 1