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

# Dimensional Information

Image 1

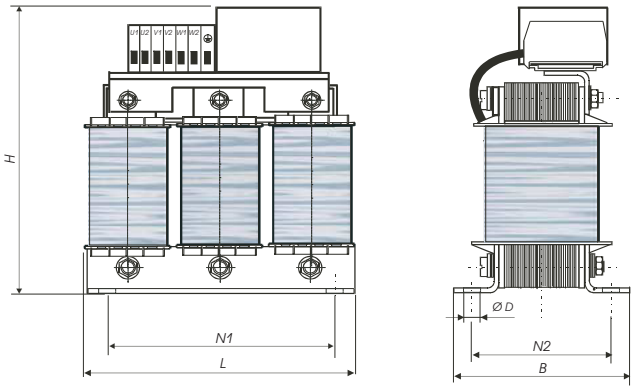



Image 2

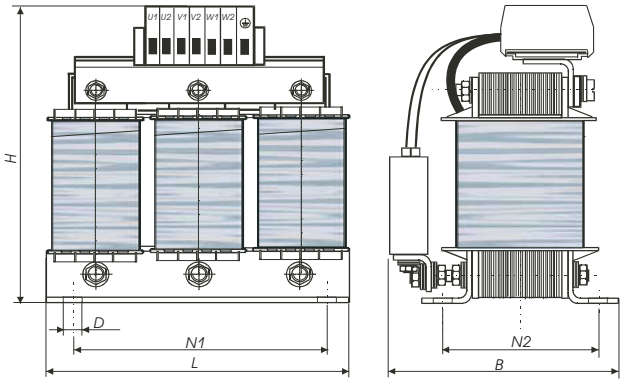
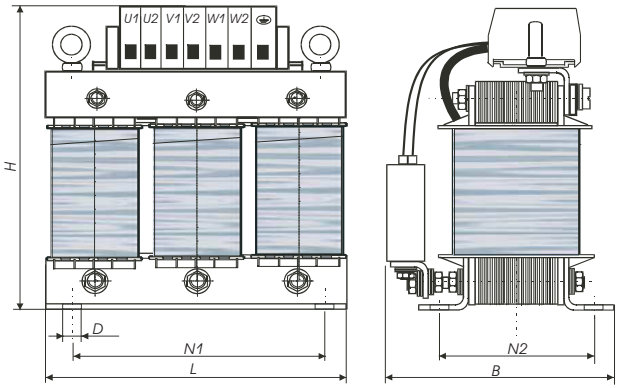
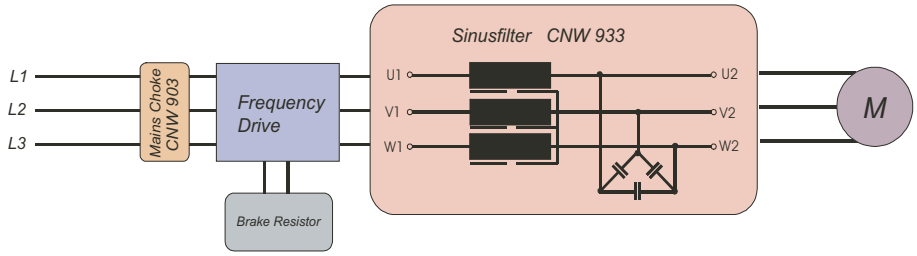



Image 3




# Circuit Diagram




| Type | Build Image | Connection Terminals [mm²] | L [mm] | B [mm] | H [mm] | N1 [mm] | N2 [mm] | ⌀D [mm] | Rated Voltage [V] | Rated Current [A] | Inductance per phase [mH] | Capacitance [∝F] | Power loss ($f_T$ =8kHz and $I_m$=200m) [W] | Copper ca. [kg] | Weight [kg] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CNW 933 / 2 | 1 | 2,5 | 125 | 62 | 167 | 100 | 46 | 5 | 3 x 400V 0 -60Hz | 2 | 29,0 | 0,22 | 35 | 0,9 | 2,2 |
| CNW 933 / 4 | 1 | 2,5 | 125 | 62 | 167 | 100 | 46 | 5 | | 4 | 12,5 | 0,33 | 35 | 0,9 | 2,2 |
| CNW 933 / 6 | 1 | 4 | 125 | 72 | 185 | 100 | 56 | 5 | | 6 | 7,5 | 0,73 | 45 | 1,1 | 3,2 |
| CNW 933 / 8 | 1 | 4 | 125 | 72 | 185 | 100 | 56 | 5 | | 8 | 5,8 | 0,73 | 45 | 1,1 | 3,2 |
| CNW 933 / 10 | 1 | 4 | 155 | 77 | 210 | 130 | 57 | 8 | | 10 | 5,6 | 0,73 | 52 | 1,8 | 4,5 |
| CNW 933 / 12 | 1 | 6 | 155 | 92 | 210 | 130 | 72 | 8 | | 12 | 4,7 | 1,1 | 58 | 2,2 | 6,3 |
| CNW 933 / 16 | 1 | 6 | 190 | 82 | 235 | 170 | 58 | 8 | | 16 | 3,6 | 1,5 | 65 | 3,0 | 8,0 |
| CNW 933 / 20 | 2 | 10 | 190 | 125 | 215 | 170 | 68 | 8 | | 20 | 2,9 | 1,5 | 75 | 3,3 | 10,5 |
| CNW 933 / 24 | 2 | 10 | 190 | 135 | 215 | 170 | 78 | 8 | | 24 | 2,4 | 1,5 | 95 | 3,6 | 12 |
| CNW 933 / 30 | 2 | 10 | 230 | 130 | 255 | 176 | 71 | 8 | | 30 | 2,0 | 2,2 | 138 | 6,0 | 16 |
| CNW 933 / 37 | 2 | 16 | 240 | 160 | 290 | 185 | 85 | 10 | | 37 | 1,9 | 3,3 | 160 | 9,9 | 25 |
| CNW 933 / 48 | 2 | 35 | 240 | 180 | 300 | 185 | 95 | 10 | | 48 | 1,2 | 4,7 | 170 | 10,5 | 28 |
| CNW 933 / 60 | 2 | 35 | 240 | 200 | 300 | 185 | 105 | 10 | | 60 | 0,98 | 6,8 | 185 | 11,4 | 32 |
| CNW 933 / 75 | 3 | 50 | 300 | 160 | 355 | 224 | 94 | 10 | | 75 | 0,79 | 6,8 | 225 | 16,5 | 37 |
| CNW 933 / 90 | 3 | 95 | 300 | 190 | 370 | 224 | 119 | 10 | | 90 | 0,68 | 8,0 | 320 | 19,5 | 48 |
| CNW 933 / 115 | 3 | 95 | 360 | 220 | 410 | 264 | 127 | 10 | | 115 | 0,60 | 12 | 380 | 30 | 60 |

| | |
|---|---|
| Rotary field frequency 0- 60 Hz | Max. voltage ripple: 5% |
| Short circuit voltage $U_k$: 8% (with 400V) | Clock frequency of converter: □ 4kHz |
| Voltage drop: | Max. Cable length to the motor |
| 18,4 V/branch (with $I_N$ and 50Hz) | 600 m (shielded) 1000 m (unshielded) |
| Max. Ambient temperature: 40°C | Protection: IP00 |

| Designed by | Approved by | Approved Date | File Name | Issue Date | Scale |
|---|---|---|---|---|---|
| M Gillam | S Hughes | 11.04.08 | CNW933 2_115.AI | 11.04.2008 | 1:1 |


REO UK LTD
Units 2-4, Callow Hill Road
Craven Arms, Shropshire SY7 8NT
Tel: 01588 673411 Fax: 01588 672718
email: main@reo.co.uk www.reo.co.uk


Title: EMC FILTER TECHNICAL INFORMATION

Drawing Number: CNW 933/XX

Sheet: 1 of 1