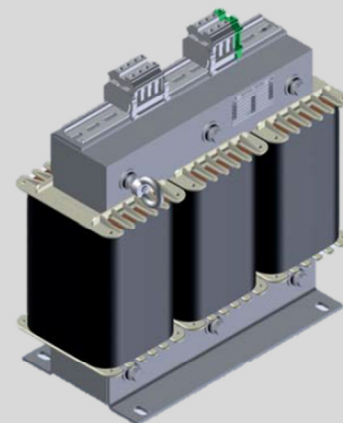


UL approved Three Phase Transformer series WST3UL

The transformers in the WST3UL series are specially approved for the North American market. The series also meets the requirements of EN 61558. Designed according to the following specifications:

- Input voltage 3 x 200-600V freely selectable;
- Primary nominal voltage range 200V-600V incl. any number of taps possible (e.g. +/-10% over voltage taps)
- Maximum nominal output voltage: 3 x 600V.
- Maximum 4 separate secondary windings in each phase incl. any number of taps possible (sum 660V maximum when using over voltage taps)
- Copper shield / magnetic shield between the windings (optional).
- Temperature-bimetal switches for temperature monitoring (optional).
- For over 50A, terminals blocks are mounted on top brackets (note: dimensions B and C are enlarged by this).
- Upon request by the customer for secondary voltage to 50VAC (U no-load) non-isolated cable lug connection (optional).
- **Autotransformers** * adapted in terms of installed capacity

*) Suffix -A = Autotransformer

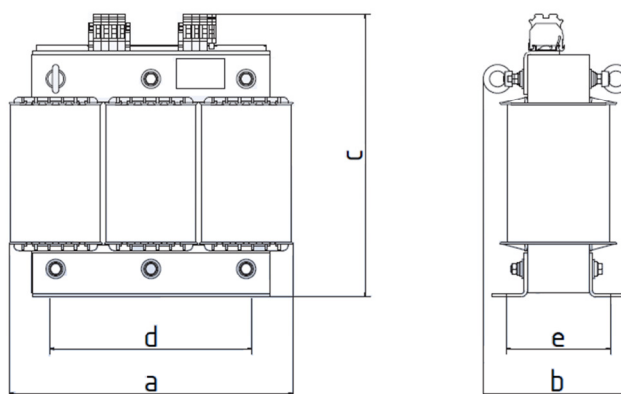


Specifications

| | |
|---------------|---|
| Power: | 110VA -50kVA |
| Frequency: | 50 – 60 Hz |
| Primary: | 3 x 200 – 600 V |
| Secondary: | 10-600V (110 – 6000VA), 20-600V (7.5 – 10kVA), 40-600V (12 – 25kVA) or 80-600V (30kVA-50kVA) |
| Temp. class: | ta40°C/F |
| Protection: | IP00 |
| According to: | EN 61558 |
| Approval: | UL 5085/CSA 22.2 |



Dimensions and fittings:



| Power VA | Copper Kg | Total Kg | Dimensions approx. In mm | | | | | Mounting |
|-------------|--------------|-------------|--------------------------|-----|-----|-----|-----|----------|
| | | | A | B | C | D | E | |
| 110 | 0.8 | 1.7 | 120 | 81 | 110 | 90 | 39 | M4 |
| 150 | 0.9 | 2.4 | 120 | 91 | 110 | 90 | 49 | M4 |
| 260 | 1.2 | 3.9 | 150 | 86 | 135 | 113 | 49 | M5 |
| 410 | 1.7 | 5.7 | 150 | 101 | 135 | 113 | 64 | M5 |
| 500 | 2.4 | 6.6 | 180 | 91 | 155 | 136 | 57 | M6 |
| 630 | 2.8 | 8.4 | 180 | 101 | 155 | 136 | 67 | M6 |
| 800 | 3.1 | 10.2 | 180 | 111 | 155 | 136 | 77 | M6 |
| 1000 | 3.5 | 11.3 | 210 | 108 | 175 | 150 | 80 | M8 |
| 1100 | 4.6 | 13.1 | 228 | 110 | 195 | 176 | 71 | M6 |
| 1200 | 4.0 | 13.4 | 210 | 119 | 175 | 150 | 91 | M8 |
| 1500 | 5.1 | 17.0 | 240 | 121 | 205 | 185 | 81 | M8 |
| 1750 | 5.7 | 18.9 | 228 | 134 | 195 | 176 | 95 | M6 |
| 2000 | 6.9 | 21.0 | 240 | 131 | 205 | 185 | 91 | M8 |
| 2200 | 7.5 | 22.6 | 240 | 136 | 205 | 185 | 96 | M8 |
| 2400 | 8.8 | 25.0 | 240 | 141 | 205 | 185 | 101 | M8 |
| 2700 | 9.8 | 26.8 | 240 | 145 | 205 | 185 | 105 | M8 |
| 3000 | 9.2 | 29.2 | 265 | 152 | 230 | 200 | 102 | M8 |
| 3400 | 12.4 | 31.2 | 300 | 140 | 260 | 224 | 94 | M8 |
| 4400 | 13.4 | 36.6 | 300 | 153 | 260 | 224 | 108 | M8 |
| 5000 | 15.0 | 41.1 | 300 | 153 | 260 | 224 | 108 | M8 |
| 6000 | 13.9 | 41.1 | 300 | 165 | 260 | 224 | 120 | M8 |
| 7500 | 17.2 | 49.6 | 300 | 180 | 260 | 224 | 134 | M8 |
| 8000 | 18.0 | 51.3 | 336 | 150 | 290 | 248 | 127 | M8 |
| 9600 | 22.2 | 62.5 | 336 | 170 | 290 | 248 | 144 | M8 |
| 10000 | 22.6 | 62.0 | 360 | 180 | 310 | 264 | 140 | M8 |
| 12000 | 29.3 | 76.0 | 360 | 195 | 310 | 264 | 155 | M8 |
| 16000 | 41.5 | 90.0 | 420 | 180 | 360 | 316 | 143 | M10 |
| 19000 | 51.5 | 110.0 | 420 | 195 | 360 | 316 | 158 | M10 |
| 21500 | 53.5 | 122.0 | 420 | 210 | 360 | 316 | 173 | M10 |
| 25000 | 60.3 | 150.0 | 420 | 240 | 360 | 316 | 203 | M10 |
| 30000 | 60.3 | 146.0 | 420 | 240 | 360 | 316 | 203 | M10 |
| 36000 | 87.3 | 181.0 | 480 | 240 | 415 | 356 | 184 | M14 |
| 40000 | 97.8 | 218.0 | 480 | 270 | 415 | 356 | 214 | M14 |
| 50000 | 99.0 | 220.0 | 480 | 270 | 415 | 356 | 214 | M14 |