



## Desk top Variable Transformers

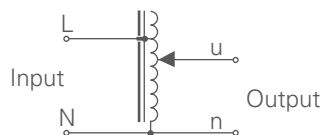
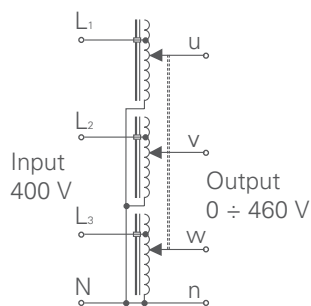
### HSN - single phase, HTN - three phase

The HSN and HTN series voltage transformers are fully housed, thus providing protection from physical accidents, and other hazards. Generally they are used wherever adjustable a.c. voltage is required. Output voltage is precisely controlled.

Output voltage is controlled with a large, slip-protected knob. Output voltage is increased linearly as the knob is turned clockwise. All models are equipped with power cord, illuminated on/off switch and external PE terminal and optional with appropriate plug connector. They are marked with output voltage in volts (corresponding to nominal input voltage).

They can be conveniently moved around laboratory, production or equipment service area to provide adjustable voltage.

All models are suitable for 50 Hz/60 Hz frequency range. Single- and 3-phase models are available with various current ratings.



3/M200, 3/M250

3/M300, 3/M400, 3/M500

M100, M200, M250

M300, M400, M500



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### Technical Specification

#### HSN type

| Type        | Up (V) | Us (V)  | Is (A) | P (VA) | Mass (Kg) | Model | Dimension (x x h x l) |
|-------------|--------|---------|--------|--------|-----------|-------|-----------------------|
| HSN 260/4.5 | 230    | 0 ÷ 260 | 4.5    | 1170   | 5.4       | M100  | 170 x 155 x 220 mm    |
| HSN 260/8   | 230    | 0 ÷ 260 | 8.0    | 2080   | 7.9       | M200  | 203 x 155 x 253 mm    |
| HSN 260/10  | 230    | 0 ÷ 260 | 10.0   | 2600   | 10.1      | M250  | 270 x 155 x 320 mm    |
| HSN 260/15  | 230    | 0 ÷ 260 | 15.0   | 3900   | 18.6      | M300  | 285 x 228 x 315 mm    |
| HSN 260/20  | 230    | 0 ÷ 260 | 20.0   | 5200   | 20.1      | M400  | 318 x 228 x 348 mm    |
| HSN 260/30  | 230    | 0 ÷ 260 | 30.0   | 7800   | 28.2      | M500  | 357 x 228 x 387 mm    |

#### HTN type

| Type       | Up (V) | Us (V)  | Is (A) | P (VA) | Mass (Kg) | Model  | Dimension (x x h x l) |
|------------|--------|---------|--------|--------|-----------|--------|-----------------------|
| HTN 450/8  | 400    | 0 ÷ 450 | 8.0    | 6240   | 28.7      | 3/M200 | 240 x 420 x 285 mm    |
| HTN 450/10 | 400    | 0 ÷ 450 | 10.0   | 7800   | 34.7      | 3/M250 | 240 x 420 x 285 mm    |
| HTN 450/15 | 400    | 0 ÷ 450 | 15.0   | 11700  | 52.5      | 3/M300 | 285 x 520 x 315 mm    |
| HTN 450/20 | 400    | 0 ÷ 450 | 20.0   | 15600  | 56.0      | 3/M400 | 318 x 520 x 348 mm    |
| HTN 450/30 | 400    | 0 ÷ 450 | 30.0   | 23400  | 79.4      | 3/M500 | 357 x 590 x 405 mm    |