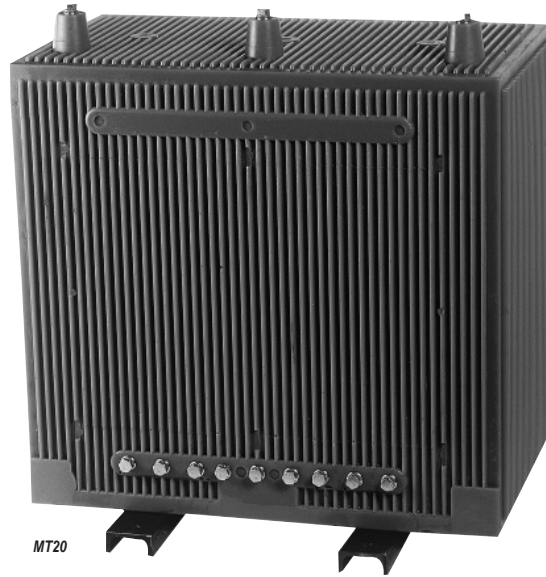


SINGLE PHASE OR THREE PHASE VOLTAGE TRANSFORMERS MA - MT SERIES



MT20

- **Indoor**
- **3.6 - 7.2 - 12 - 17.5 - 24 kV.**
- **Output up to 17 kVA**
- **Compact size**

Voltage transformers vacuum moulded in self extinguishing epoxy resin.

This compact range is suitable for the power supply of auxiliaries in generators.

It allows for a wide variety of performances.

Technical data

| | |
|-----------------------------------|---|
| Rated insulation level | 3.6/16/45 kV to 24/50/125 kV |
| Primary voltage U _{pn} | Up to 22000 V |
| Secondary voltage U _{sn} | 10 to 600 V |
| Frequency | 50 or 60 Hz |
| Output | Up to 17 kVA |
| Voltage factor | 1.2U _{pn} - 1.9U _{pn} -30s 1.9U _{pn} -8h or 1.9U _{pn} continuous |
| Insulation class | E |
| Ambient temperature | - 25°C to + 40°C |
| Standards | IEC - IEEE - CSA - AS - BS |

Other characteristics on request

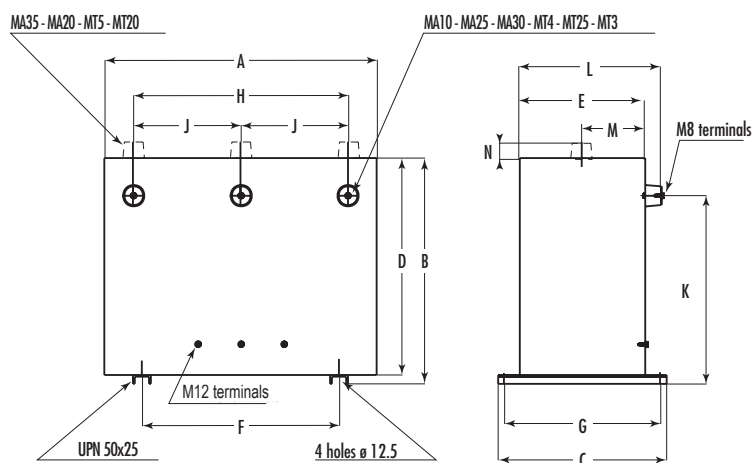
| | |
|---------------------|-------------------------------------|
| Secondary windings | Up to 2 separate secondary windings |
| Internal heat up | Through thermostatic sensor |
| Ambient temperature | - 40°C to + 70°C |

SINGLE PHASE OR THREE PHASE VOLTAGE TRANSFORMERS - MA - MT SERIES

Selection table

| Type | Un kV | Up P kV | Thermal output kVA |
|---------------------|-----------|------------|-----------------------|
| Single phase | | | |
| MA10 | 12/28/75 | up to 11 | up to 10 |
| MA20 | 24/50/125 | up to 22 | up to 13 |
| MA25 | 24/50/125 | up to 22 | up to 16 |
| MA30 | 24/50/125 | up to 22 | up to 17 |
| Three phase | | | |
| MT3 | 7.2/20/60 | up to 6.6 | up to 0.5 |
| MT4 | 7.2/20/60 | up to 6.6 | up to 4 |
| MT5 | 7.2/20/60 | up to 6.6 | up to 6 |
| MT20 | 24/50/125 | up to 22 | up to 15 |

| Type | Weight kg | A mm | B mm | C mm | D mm | E mm | F mm | G mm | H mm | J mm | K mm | L mm | M | N |
|------|--------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----|----|
| MA10 | 175 | 460 | 490 | 420 | 465 | 290 | 240 | 385 | 250 | 125 | 430 | 335 | - | - |
| MA20 | 220 | 500 | 490 | 420 | 465 | 300 | 240 | 385 | 400 | 200 | - | - | 70 | 35 |
| MA25 | 285 | 570 | 570 | 420 | 545 | 315 | 240 | 385 | 400 | - | 493 | 320 | - | - |
| MA30 | 330 | 610 | 630 | 420 | 605 | 320 | 450 | 385 | 400 | - | 525 | 365 | - | - |
| MT3 | 86 | 397 | 300 | 220 | 275 | 177 | 310 | 200 | 220 | 110 | 240 | 188 | - | - |
| MT4 | 100 | 480 | 375 | 300 | 350 | 205 | 240 | 265 | 300 | 150 | 310 | 245 | - | - |
| MT5 | 135 | 490 | 405 | 300 | 380 | 195 | 240 | 265 | 340 | 170 | - | - | 45 | 15 |
| MT20 | 230 | 660 | 480 | 420 | 455 | 300 | 450 | 385 | 540 | 270 | - | - | 150 | 45 |



Installation

- Max tightening torques :
- M12 terminals : 13 N.m
 - M 8 terminals : 10 N.m