



TECHNICAL SPECIFICATIONS

| POWER | 1200 kVA | 1600 kVA | 2000 kVA | 2400 kVA |
|--------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| TYPE | 3 PH-Distribution | 3 PH-Distribution | 3 PH-Distribution | 3 PH-Distribution |
| INSTALLATION (ASSEMBLY) | Interior | Interior | Interior | Interior |
| CONNECTION GROUP | Dyn11 | Dyn11 | Dyn11 | Dyn11 |
| INSULATION | F-F | F-F | F-F | F-F |
| PROTECTION | IP.23 | IP.23 | IP.23 | IP.23 |
| PRIMARY VOLTAGE | 11000 V 62,97 A | 11000 V 83,96 A | 11000 V 104,9 A | 11000 V 125,9 A |
| PRIMARY REGULATION | ±2 x 2,5% | ±2 x 2,5% | ±2 x 2,5% | ±2 x 2,5% |
| SECONDARY VOLTAGE | 400 V | 400 V | 400 V | 400 V |
| SECONDARY INTENSITY | 1539 A | 2052 A | 2566 A | 3080 A |
| INSULATION LEVEL IN PRIMARY | 12/28/75 kV | 12/28/75 kV | 12/28/75 kV | 12/28/75 kV |
| INSULATION LEVEL IN SECONDARY | 1,1/3 kV | 1,1/3 kV | 1,1/3 kV | 1,1/3 kV |
| PERCENTAGE IMPEDANCE VOLTAGE AT 75°C | 6% | 6% | 6% | 6% |
| MAX. AVERAGE TEMPERATURE (HV/LV) | 100-100 K-K | 100-100 K-K | 100-100 K-K | 100-100 K-K |
| WORKING HEIGHT | <1000 mt | <1000 mt | <1000 mt | <1000 mt |
| ENVIRONMENTAL CLASS / FIRE BEHAVIOUR | E2-C2-F1 | E2-C2-F1 | E2-C2-F1 | E2-C2-F1 |
| FREQUENCY | 50 Hz | 50 Hz | 50 Hz | 50 Hz |
| AMBIENT TEMPERATURE | -25 +40 °C | -25 +40 °C | -25 +40 °C | -25 +40 °C |
| PRIMARY WINDING HV | Resin encapsulated | Resin encapsulated | Resin encapsulated | Resin encapsulated |
| SECONDARY WINDING LV | BISTAGE technology impregnation | BISTAGE technology impregnation | BISTAGE technology impregnation | BISTAGE technology impregnation |
| COOLING | AN | AN | AN | AN |
| SERVICE | CONTINUOUS | CONTINUOUS | CONTINUOUS | CONTINUOUS |
| WINDING | AL/AL | AL/AL | AL/AL | AL/AL |
| NOISE LEVEL | 50/62 dBA | 50/62 dBA | 50/62 dBA | 50/62 dBA |
| CORE LOSSES | 1620 W | 2300 W | 2340 W | 2790 W |
| COIL LOSSES AT 120°C | 11000 W | 13000 W | 16000 W | 18500 W |
| PARTIAL DISCHARGES | <10 (pC) | <10 (pC) | <10 (pC) | <10 (pC) |
| ELECTROSTATIC SHIELD | OPTIONAL | OPTIONAL | OPTIONAL | OPTIONAL |
| REGULATIONS | IEC 60076-11 ECO 2 | IEC 60076-11 ECO 2 | IEC 60076-11 ECO 2 | IEC 60076-11 ECO 2 |
| DIMENSIONS IP.23 (Wx Dx H) | 1960x1300x2100xmm | 2110x1610x2300 mm | 2110x1610x2400 mm | 2220x1610x2600 mm |
| APPROX. TOTAL WEIGHT IP.23 | 3.400 Kg | 4.370 Kg | 4.500 Kg | 5.300 Kg |

Please consult us for higher and lower power ratings and voltages.

- Operating frequency 50-60 Hz (to be confirmed when ordering)
- We manufacture up to 6 MVA
- We can manufacture with copper or aluminium windings on request
- Standard protection IP.23 (other protection ratings, IP.44, etc., on request)
- We work with all global classification societies
 - o Bureau Veritas
 - o DNV
 - o Lloyd's Register
 - o Rina
 - o ABS