

THREE-PHASE MEDIUM VOLTAGE TRANSFORMERS 12 kV CLASS

- Compliant with standard **EN 60076-1 / EN 50541-1 Phase II**
- Standard voltages
Input winding **10 kV**
Output winding **400 V**
- Other voltages available on request
- Isolating level: **12/28/75 kV**
- Electrostatic screen available on request
- Ambient temperature **40 °C**
- Protection rating **IP00**
- Electrical protection rating **I**
- Thermal insulation class **F**
- Ambient class **E2 C2 F1**

kVA	A	B	C	KG	W _{fe}	W _{tot}	V _{cc} %	I ₀
100	1180	650	1200	680	252	2052	6	1,1
160	1200	650	1330	700	360	2960	6	1,1
250	1290	650	1440	1200	468	3868	6	1
400	1450	800	1500	1720	675	5175	6	0,9
630	1460	800	1790	2030	990	8090	6	0,7
800	1540	1000	1800	2450	1170	9170	6	0,7
1000	1620	1000	1900	2900	1395	10395	6	0,6
1250	1690	1000	2000	3750	1620	12620	6	0,6
1600	1750	1200	2100	4200	1980	14980	6	0,5
2000	1860	1400	2270	4780	2340	18340	6	0,5
2500	2000	1400	2350	5700	2790	21790	6	0,4
3150	2100	1400	2420	6500	3420	25420	6	0,4

W_{fe} = no-load losses
 W_{tot} = full-load losses
 V_{cc} % = short-circuit voltage
 I₀ = No load current %

