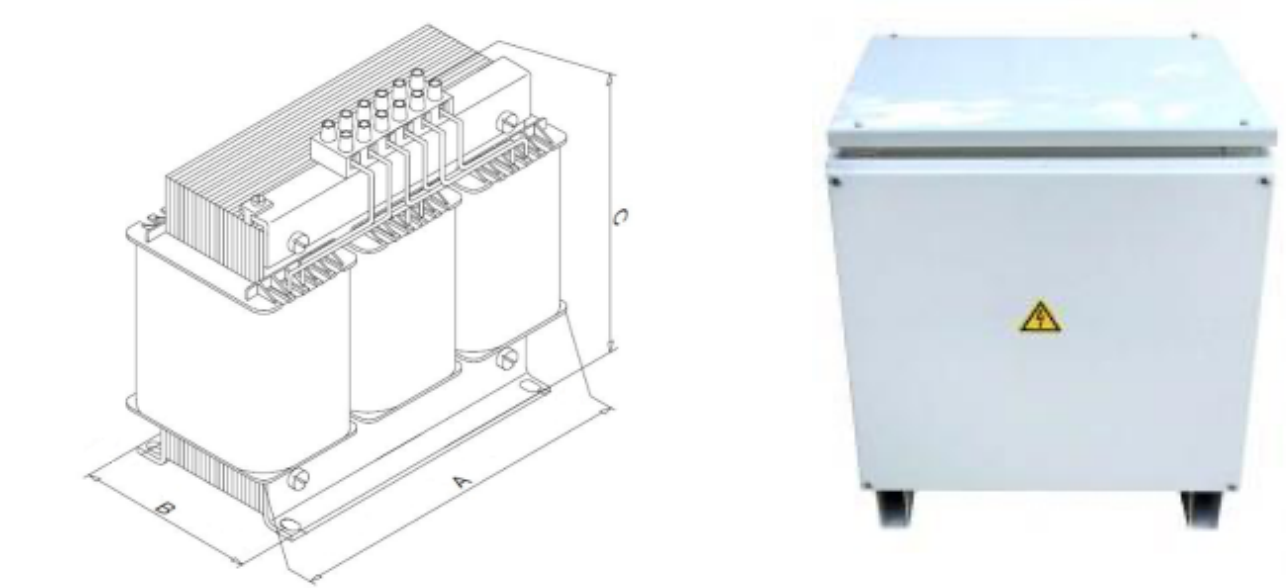


Three-phase transformer



3EI core, pursuant to	STN EN 61558-1
	STN EN 61558-2-4
	STN EN 61558-2-6
Standard type	3x400//3x230V
	3x400//3x400V
Vector group	YNyn0, Dd0, Dyn1, Yyn0

Three-phase transformers are passive devices that transfer electrical energy between circuits. In the secondary circuit, the magnetic flux induces an electromagnetic force, increasing or decreasing the voltage without changing the frequency.

The three-phase transformer has a triple iron core on which the coils of the primary and secondary sides are placed in triple. The coils of the individual phases of the primary and secondary windings can be connected in different ways, allowing a large number of phase combinations, e.g.: YNyn0, Dd0, Dyn1, Yyn0, Yz0, Yy, Dy.

TYPE RANGE	TYPE	POWER [VA]	DIMENSIONS [mm]			WEIGHT [kg]		NO-LOAD LOSSES [W]		TOTAL LOSSES [W]	EFFICIENCY η [%]
			A	B	C	IP00	IP23	ΔP CU	ΔP FE		
Three-phase transformer	T3N-3	1,000	230	107	270	12	16	41	11	52	95
Three-phase transformer	T3N-3	1,500	230	117	270	18	22	65	18	83	96
Three-phase transformer	T3N-3	2,000	300	122	310	22	27	82	25	107	96
Three-phase transformer	T3N-3	3,150	300	135	310	33	38	108	26	134	96
Three-phase transformer	T3N-3	4,000	300	147	320	43	52	104	38	142	97
Three-phase transformer	T3N-3	5,000	360	220	380	49	57	118	46	164	97
Three-phase transformer	T3N-8	6,300	360	220	380	66	73	160	47	207	97
Three-phase transformer	T3N-8	8,000	425	205	410	71	80	172	59	231	97
Three-phase transformer	T3N-8	10,000	425	235	410	89	100	195	67	262	98
Three-phase transformer	T3N-12,5	15,000	425	246	410	104	120	248	88	336	98
Three-phase transformer	T3N-12,5	17,000	475	225	450	112	125	265	92	357	98
Three-phase transformer	T3N-12,5	20,000	475	255	450	125	140	304	105	409	98
Three-phase transformer	T3N-12,5	25,000	480	210	450	145	160	282	148	430	98
Three-phase transformer	T3N-12,5	30,000	480	220	450	170	193	335	180	515	98
Three-phase transformer	T3N-12,5	40,000	600	390	600	240	265	446	188	634	98
Three-phase transformer	T3N-12,5	50,000	600	420	600	290	315	558	238	796	98
Three-phase transformer	T3N-12,5	63,000	600	420	600	365	390	595	325	920	98

Fuse three-phase transformers		
3x400//3x400V		
3 phase circuit breaker with input "D" output "C" characteristic		
or fuse "gLgG"		
VA	input charakt. "D"	output charakt. "C"
1000	2	2
2000	4	3
3000	10	6
4000	10	6
5000	13	10
6300	16	10
8000	20	13
10000	25	16
12500	32	20
15000	40	25
20000	50	32
25000	63	40
30000	63	50
40000	80	63
50000	125	80
63000	160	100

THERMAL CLASS	F /155°C/
VOLTAGE WITHSTAND	PRI / SEC 4,75kV 50Hz
SHORT-CIRCUIT RESISTANCE	NOT SHORT-CIRCUIT RESISTANT
PROTECTION	Circuit breaker according to the label with characteristic "D"
PROTECTION	IP00 - IP23
AMBIENT TEMPERATURE	T40