

Scott-T Toroidal Transformers TScT (3ph/2ph):

Scott-T transformer, based on toroidal cores, made in class I insulation and protection class IP-00, in accordance with EN 61558. Ambient temperature 40°C, insulation class B (130°C).

Scott-T transformers allows to supply two-phase receivers or two groups of single-phase receivers with classic three-phase network. Maintaining the symmetry of the secondary side load ensures a symmetrical load on the supply network.

Transformers can be made according to the recipient's specification (any PRI and SEC voltages) and equipped with the following elements:

- magnetic and static shielding
- thermal protection
- inrush current limiter

Connection:

- screw terminals 2,5 – 50mm²
- plug / socket
- ... others

Technical detail:

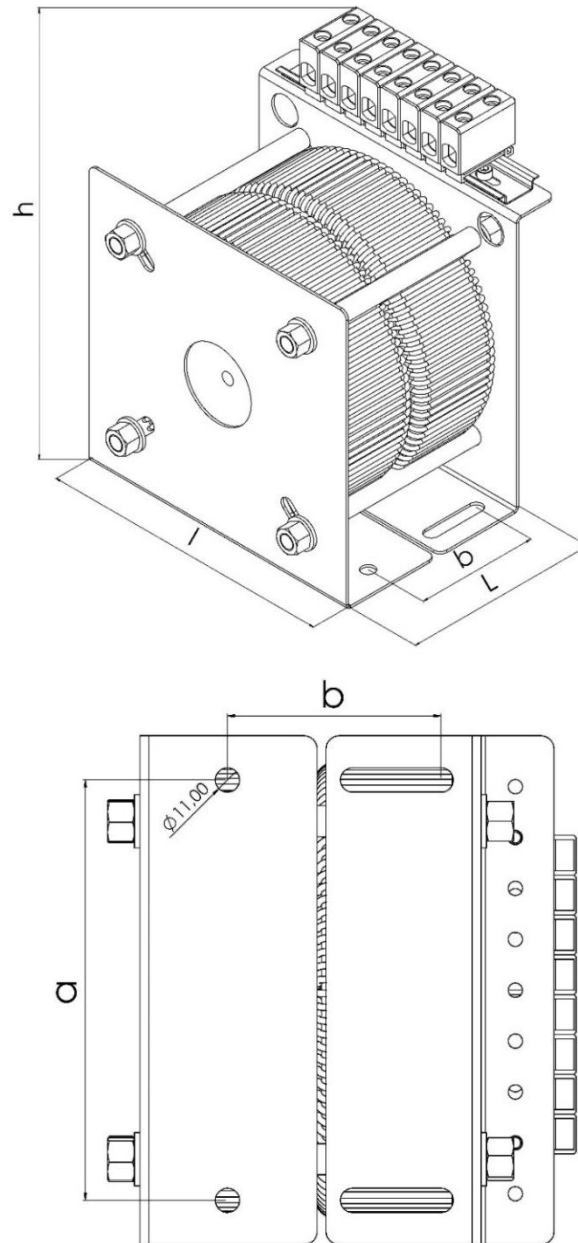
Nominal power:	1 – 25kVA
Primary voltage PRI:	100 – 500V
Nominal frequency:	50 – 60Hz
Secondary voltage SEC:	24 – 1000V

Protection / insulation class:	I / B (130°C)
Ambient temperature	40°C
Protection degree	IP-00
PRI/SEC Insulation	4kVAC (RMS)

Typical efficiency (depends on nominal power)	95% - 99%
Connection type:	Scott-T



Drawings / Dimensions / Weights:



Nominal Power [VA]	l [mm]	L [+/-10 mm]*	h [mm]	a [mm]	b [+/-10 mm]*	weight [kg]*
1 300	235	156	275	190	78	16,50
2 000	235	160	275	190	82	18,00
2 500	235	161	275	190	83	21,40
3 500	235	162	275	190	84	22,50
4 000	235	164	275	190	86	23,50
5 000	270	174	315	230	86	36,00
6 500	270	178	315	230	88	40,00
8 000	270	193	315	230	103	43,00
10 000	270	208	315	230	118	45,00
12 000	310	288	355	270	118	55,00
16 000	310	298	355	270	128	60,00
25 000	310	338	355	270	168	72,00

* exact dimensions and weights depends on the rated currents and voltages