

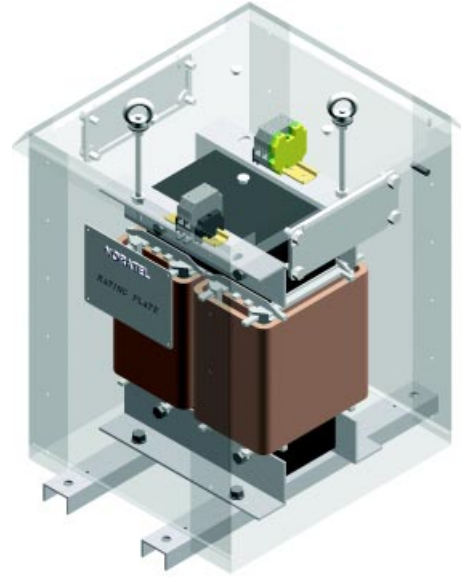
I-phase low-voltage I,25- I 25kVA, IP23

Type 2LT-23

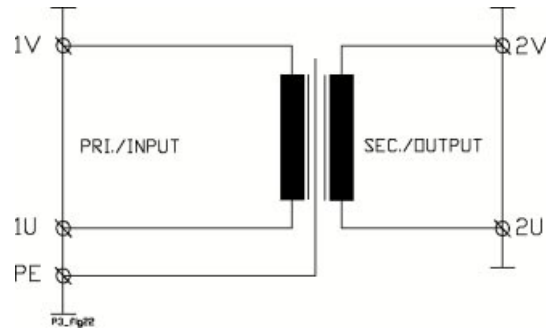
Capsulated single-phase non short circuit proof transformers with power range from 1,25 to 125 kVA. Designed and tested according to norm EN61558-2-4, IEC60076 and IEC60726. Standard types designed as Isolating transformers with separate primary and secondary windings. Degree of protection IP23. Accessories; Temperature control units with alarm or trip [TC], PT100 sensors [PT], RTD sensors [RTD].

Applications:

This is an ideal design for transforming voltage up or down, or for installations which require a galvanic partition between the primary and secondary voltage. E.g. electric motor, compressor, cooling plants, automatic washing machines, etc. Custom designed types with other voltages, frequencies, electrostatic shield between primary and secondary, regulations, tapings, transport wheels or other features are available on request.



Wiring diagram



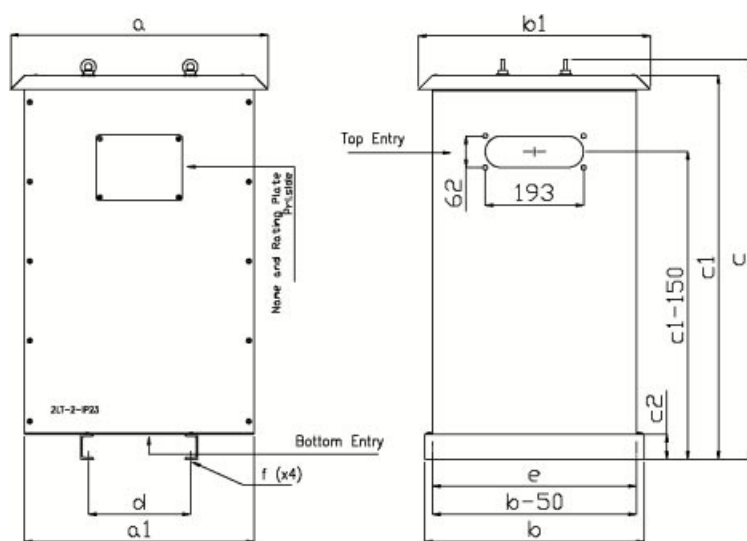
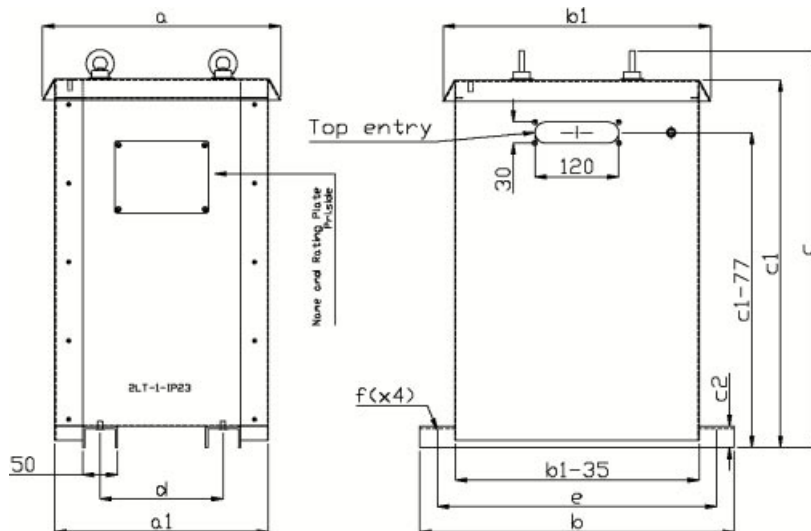
Technical specifications

- Input voltage: 115V to 1000V
- Frequency: 47-63Hz
- Output voltage: 115V to 1000V
- According to: EN61558-2-4, D.N.V, IEC60726 / IEC60076
- Test/insulating voltage: 3kV AC RMS
- Construction class: I (earth terminal)
- Insulation class: F (155°C) - standard
H (180°C) - option
- Ambient temp. (t_a): 45°C (D.N.V)
- Degree of protection: IP00
- Connections: - Terminal block
- Cu-bars

Noratel declare and guarantee that all transformers are designed according to the following standards; IEC60726, IEC60076, D.N.V., EN55014:1993 (EN55014-1:1997), EN61000-3-2:1995, EN61000-3-3:1995 EN55104:1995 (EN55014-2:1997), EN50081-1:1992, EN50082-2:1995 based on the following directives; L.V.D 73/23/EEC, 93/68/EEC, EMC 89/336/EEC, 91/263/EEC.

Dimensions

2LT1.25 - 2LT20



2LT25 - 2LT125

Standard types 2LT-23

Power (kVA)		Type	Length a	Width b	Height c	Dimensions (mm)							Weight (kg)
<i>d. F</i>	<i>d. H</i>					<i>a1</i>	<i>b1</i>	<i>c1</i>	<i>c2</i>	<i>d</i>	<i>e</i>	<i>f^(e)</i>	
1.25	1.4	2LT1.25	233	290	401	200	223	362	30	100	240	12.0	18
2.0	2.2	2LT2.0	255	320	431	222	253	392	30	112	270	12.0	25
3.0	3.3	2LT3.0	277	350	461	244	283	422	30	124	300	12.0	33
4.0	4.5	2LT4.0	307	400	515	274	333	467	30	144	350	15.0	42
5.0	5.6	2LT5.0	307	400	515	274	333	467	30	144	350	15.0	49
6.3	7.0	2LT6.3	307	400	515	274	333	467	30	144	350	15.0	55
8.0	8.9	2LT8.0	375	450	590	340	383	542	30	176	400	15.0	64
10.0	11	2LT10.0	375	450	590	340	383	542	30	176	400	15.0	81
12.5	14	2LT12.5	375	450	590	340	383	542	30	176	400	15.0	99
16	18	2LT16.0	439	550	630	406	483	582	30	196	500	15.0	113
20	22	2LT20.0	439	550	630	406	483	582	30	196	500	15.0	141
30	33	2LT30.0	500	520	827	430	540	770	50	210	470	14.0	162
40	45	2LT40.0	550	520	877	470	540	820	50	210	470	14.0	180
50	56	2LT50.0	550	520	877	470	540	820	50	210	470	14.0	215
63	70	2LT63.0	700	630	1057	610	670	1000	100	250	580	18.0	271
80	89	2LT80.0	700	630	1057	610	670	1000	100	250	580	18.0	311
100	110	2LT100	780	700	1137	690	740	1080	100	290	650	18.0	403
125	138	2LT125	780	700	1137	690	740	1080	100	290	650	18.0	465