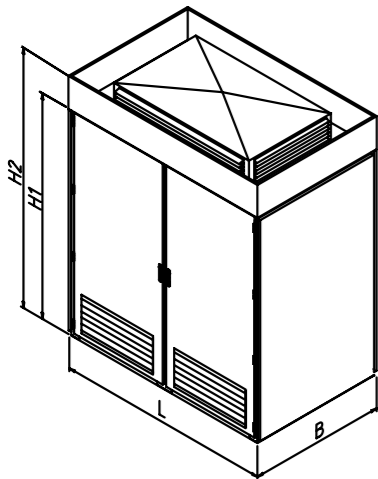


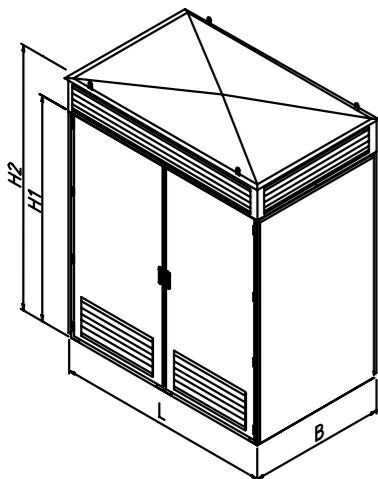
Dimensions and weight

ZT-31,5 indoor housing



type Size	suitable till kVA nominal power		length in mm	width in mm	height in mm		weight in kg
	10 kV	20 kV			H1	H2	
1.000/l Gr.1	1.000	1.000	L	B	2.300	2.590	800
1.600/l Gr.2	1.600	1.600	2.200	1.400	2.300	2.590	850
2.000x/l Gr.3	2.500	2.500	2.400	1.600	2.600	2.890	1.000
2.500x/l Gr.4	≥ 2.500	≥ 2.500	2.800	1.800	2.900	3.210	1.600

ZT-31,5 outdoor housing



type size	suitable till kVA nominal power		length in mm	width in mm	height in mm		weight in kg
	10 kV	20 kV			H1	H2	
1.000/F Gr.1	1.000	1.000	L	B	2.300	2.577	850
1.600/F Gr.2	1.600	1.600	2.200	1.400	2.300	2.577	900
2.000x/F Gr.3	2.500	2.500	2.400	1.600	2.600	2.909	1.050

technical subject to change

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Transformer-safe

Transformer protection enclosure Type ZT-31,5 for Cast Resin Transformers

Certified: According DIN and PEHLA-guidelines



The most important at a glance

- Fault arc tested according PEHLA guidelines No. 4 with 31,5 kA, 0,3 sec/1sec
- Compact construction
- Executed for outdoor or indoor erection
- poke safe ventilation screens
- high protection degree (up to IP43)
- assembly-friendly, complete bolted construction
- makes erection easy, even in difficulty accessible areas.

Reliable and comfortable

The development for the series ZT-31,5 was formed by the aspect of safety for human and machine on the first place. Both types- the outdoor as well as the indoor housing offers a maximum of security and installation comfort.

Proved security

arc tested acc. to DIN EN 60298 (VDE 0670 part of 7): 1998-05 and PEHLA guidelines No. 4: 1995-01 resp. IEC 62271-200

- rated peak value withstand current 80.0 kA
- rated short time withstand current 31.5 kA
- duration 0.3 seconds / Gr.4 1 second

Degree of protection tested acc. IEC529/EN 60529

Heat run tested

Tested busbar system

- Rated short-time withstand current 100 kA/1sec.

Comfort and functionality

Totally enclosed steel sheet housing, galvanised

Spray finished with structure lacquer acc. RAL

Enclosure degree IP 33 (optionally IP 43)

Assembly-friendly, torsion stiff, bolted structure

without need of additional preventive measures

Optimal accessibility, front-doors with 180° hinges.

Maintenance-free ventilation system for AF operation

until 140% rated output

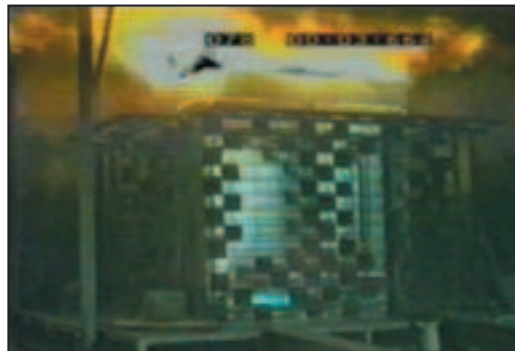
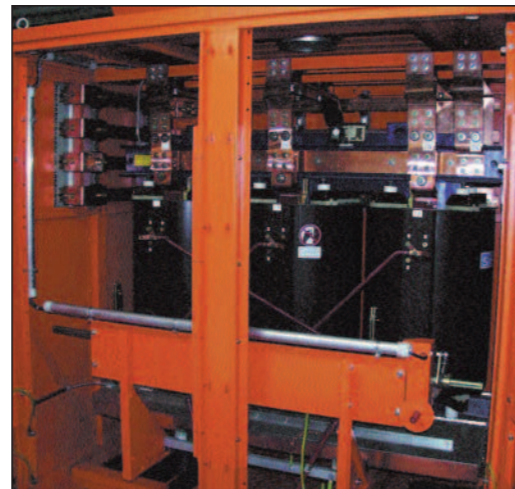
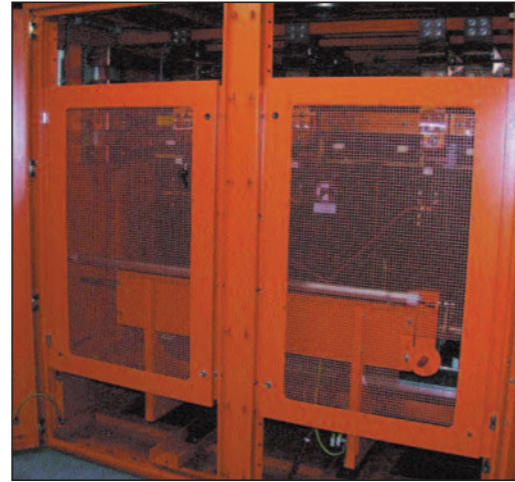
Adjustable transformer rails

Cable entries in floor plate and housing roof

Insertion of transformer from front or side possible

Additional equipment:

- Busbar-system up to 3,600 A
- Temperature monitoring and fan control
- Earthing switch with leading auxiliary switch, operated from outside the housing
- RAL colour of your choice
- vibration-absorbers



Arc test of housing ZT-31,5

