

Technical data sheet - CAST RESIN transformer

Three phase distribution transformer of our manufacture, core assembled with sheets of grain-oriented steel, air natural cooled, **aluminium windings** with primary windings encapsulated and secondary windings immersed in epoxy resin:

	UM	DATA	ACCESSORIES included
Quantity	Nr.		• H.V. tapping switch • H.V. terminal • L.V. terminal plates • Bidirectional rollers • Lifting lugs • Earthing terminal • Data plate • Nr.3+1 PT100 probes • Nr.1 electronic relay for temperature type T154 (supplied loose)
Rated Power	KVA	1250	
Series	Ecodesign T2 – EN50588-2		
Type	STEP DOWN		
Frequency	Hz	50	
Primary Tension	V	10000	
Tapping on primary	5 pos.	± 2 x 2,5%	
Secondary Tension at no load	V	400	
Primary Connection	Delta		
Secondary Connection	star + n		
Vector group	Dyn11		
Cooling	AN		
Installation	INDOOR		
Degree of Protection	IP00		
Windings' Material	Al/Al		
Class of insulating materials	F / F		
Ambient climatic and fire classes Cert. KEMA n.1339-20	E3 - C2 - F1		
Primary Insulation Class	kV	17,5/38/95	
Secondary Insulation Class	kV	1,1/3	
Partial discharge level	pC	≤ 10	
Altitude (a.s.l.)	mt	1000	
Ambient Temperature (max)	°C	40	
Temperature rise	K	100	
Noise level (LwA)	dB	64	
No Load Losses	W	1620	
Losses on Load at 120 °C	W	11000	
No load current (Io)	%	0,7	
Impendence (Vcc)	%	6	
INDICATIVE DIMENSIONS AND WEIGHT in IP00			
Length	mm	1650	
Width	mm	1000	
Height	mm	1970	
Wheelbase	mm	820 x 820	
Total Weight	kg	3300	



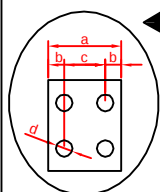


ELETTROMECCANICA
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CAST RESIN TRANSFORMER - ECO T2 SERIES

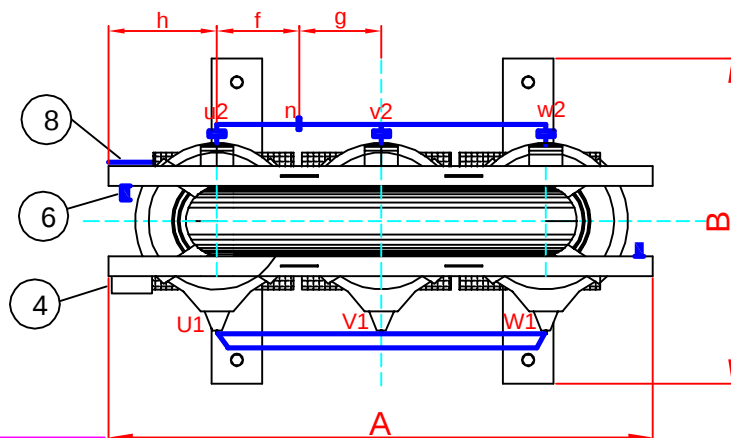
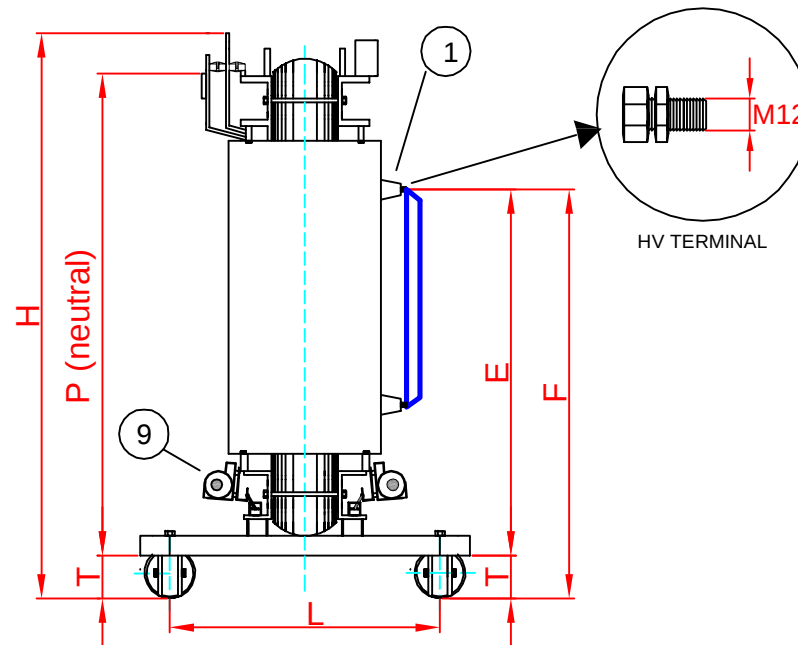
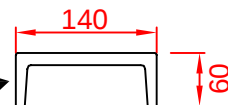
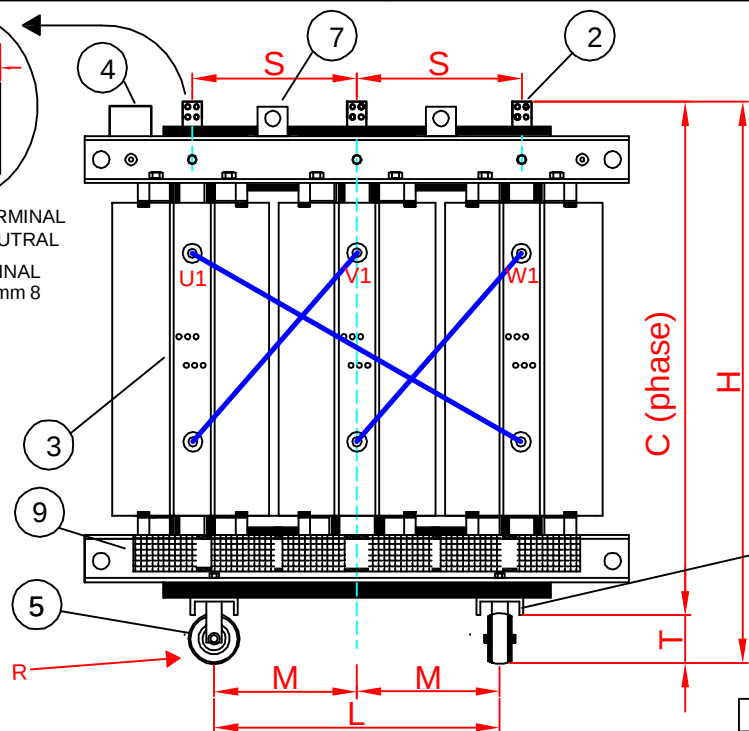
COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV GL
= ISO 9001 =

Mod. DRW RES
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HOLES TERMINAL
LV and NEUTRAL
LV TERMINAL
thickness mm 8

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A	1650
B	1000
H	1970
L	820
M	410
C	1830
E	1315
F	1455
P	1620
R	160 x 50
S	540
T	140
a	100
b	25
f	270
h	285
c	50
d	15
g	270

Pos.	Description
1	HV TERMINAL
2	LV TERMINAL
3	TAP CHANGER
4	TERMINAL BOX PT 100 SENSOR
5	ROLLERS
6	HEARTING TERMINAL
7	LIFTING LUGS
8	VECTOR SPECIAL DATA PLATE
9	FAN - AIR FORCED VENTILATION
Total Weight Kg 3300	

RATED POWER : kVA 1250
TYPE : AN/AF SERIES : ECO-T2
kV primary : 10 +/- 2 x 2,5%
V secondary : 400 + n
Hz 50 Vcc 6% GROUP : Dyn11
CUSTOMER : TVK VECTOR - VS LLC
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DRAWING NOT IN SCALE
TOLLERANCE DIMENSIONS : +/- 2%