Primary DATA

CRDTCT315-50-4-Dyn11-MyTrafo-STE/1

Project / Job	MyTrafo	Designed	STETRA STUDIO
Date	07/07/2015	Verified	STETRA STUDIO
		Approved	STETRA STUDIO

Data

Name	Prim./Sec.	Group	Power [kVA]	Class [kV]	Uline[kV] – In [A]	Uph [kV] – Iph [A]	Turns	+Taps/-Taps	Sections
Primary	Primary	D	105	12	11/16.53	11/9.55	1101	+2x28/ -2x28	1

Material	S [mm^2]	D[A/mm^2]	Rref [ohm]	Losses [W]	DTmean	Short Circuit Stress
Aluminum	6	1.59	7.92445/ 75 [°C]	722.08 [W]	87.6 [K]	1.6[daN/mm^2]

Conductor	Type	Rad.N°/Dim.	Ax.N°/Dim.	Geom. Rad./Ax.	Weight [kg]
1	Foil	1/0.2	1/30	0.246/36	22.31
2	-/-	-/-	-/-	-/-	-/-
3	-/-	-/-	-/-	-/-	-/-
4	-/-	-/-	-/-	-/-	-/-
5	-/-	-/-	-/-	-/-	-/-

Canal Before Tube Front/Rear	Can.Bef. Tube Right/Left	Tube Thickness/Height/Weight	Canal After Tube Front/Rear	Canal After Tube Right/Left
0/0	0/0	0/0/0	30/30	30/30

Canal btw Sections Front/Rear	Canal btw Sections Right/Left	Inner Net (Diel.) T/H/W	Turns x Section	Layers	Outer Net (Diel.) T/H/W	Net/Total Height	Thickness	Interlayer Diel / Weight	DT [K}
0/0	0/0	3.5/530/3.65	1157	96	3.5/530/4.3	510/540	24.98	Mylar (class B)-2x0.023/36 / 3.2	87.6
T/H/W=Thickness/Height/Weight			-/-	-/-	-/-	-/-	-/-		-/-
			-/-	-/-	-/-	-/-	-/-		-/-
			-/-	-/-	-/-	-/-	-/-		-/-
			-/-	-/-	-/-	-/-	-/-		-/-

Tube Wide(in)-Deep(in)	Tube Wide(out)-Deep(out)	Net(in) W.(in)-D.(in)	Net(in) W.(out)-D.(out)	Winding W.(in)-D.(in)	Winding W.(out)-D.(out)	Net(out) W.(in)-D.(in)	Net(out) W.(out)-D.(out)
-/-	-/-	341/341	348/348	348/348	398/398	398/398	405/405

DRAFT - NOT TO MANUFACTURE

Gap between Half Windings	0 [mm]	Cast Resin Inner Thickness	3.5 [mm]
Top Cast Resin	15 [mm]	Cast Resin Outer Thickness	6 [mm]
Bottom Cast Resin	15 [mm]	Total height with resin	540 [mm]

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Shield wound on the external

Material	Type	Rad.N°/Dim.	Ax.N°/Dim.	Geom. Rad./Ax.	Weight [kg]
Aluminum	Foil	-/-	-/-	-/-	-/-

Discs & Moulds

Internal Mould diameter [mm]	341	External Mould diameter [mm]	410
Number of Discs	12		
Tapping Gaps	1x30 [mm]	Normal Gaps	10x12 [mm]

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