

KKM POWER d.o.o.	Three-phase hermetically sealed oil-immersed earthing transformer with Petersen coil 20.5kV, 25-50A, ZN	SUBcomp 25-50
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TECHNICAL DATA

1.	Manufacturer		KKMPower d.o.o, Serbia
2.	Transformer type		Oil-immersed, hermetically sealed
3.	Product kind		Earthing transformer(Neutral coupler), with Petersen coil
4.	Standard		IEC 60076 (Group of standards)
5.	Product name		SUBcomp 20,5kV 25-50A
EARTHING TRANSFORMER DATA			
6.	Number of phases		3
7.	Rated frequency	[Hz]	50
8.	Highest voltage of equipement	[kV]	24
9.	Insulation level	[kV]	LI 125 AC 50/LI 0 AC 10
10.	Rated primary voltage	[kV]	20.5
11.	Regulation on primary side	Yes/No	No
12.	Connection group		ZN
13.	No-load losses	[W]	320
PETERSEN COIL DATA			
14.	Highest voltage of equipement	[kV]	24
15.	Insulation level	[kV]	LI 125 AC 50
16.	Rated voltage	[kV]	20.5/$\sqrt{3}$
17.	Tap position	Rated Current [A]	Rated Impedance [Ω]
	1	25	473.4
	2	31.25	378.7
	3	37.50	315.6
	4	43.75	270.5
	5	50	236.7
18.	Fault duration	[min]	5
COMBINATION OF EARTHING TRANSFORMER AND PETERSEN COIL DATA			
19.	R/X	[%]	Maximum 2.5
20.	Linearity up to 1.1*Un	[%]	Maximum 2.0
21.	Type of cooling		ONAN
22.	Instalation altitude	[m]	<1000

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23.	Winding material	Cu/Al	Copper	
24.	Maximum temperature of ambient	[°C]	40	
25.	Maximum temperature rise of winding	[K]	65	
26.	Maximum temperature rise of oil	[K]	60	
27.	Thermal class of insulation		A	
28.	Instalation conditions		Outdoor	
29.	Type of terminal connections		A,B,C,N-Plug-in	
30.	Approximate length of product	[mm]	970	
31.	Approximate width of product	[mm]	960	
32.	Approximate height of product	[mm]	1150	
33.	Mass of oil in product	[kg]	380	
34.	Total mass of product	[kg]	1550	

Date: **19.01.2017**

Done by: **D.Kovinić**