ORIENT POWER

Technical data sheet

ITEM	PROVIDED	
General		
Type	**S-500/20/0.4 kV**	**SL-500/20/0.4 kV**
	1. **45**℃	2. **45**℃
Standard	IEC 60076	IEC 60076
Equipment tag No.		
Location	Outdoor	Outdoor
Design Ambient Air Temp.	Min:-25°C, Max: 45°C	Min:-25°C, Max: 45°C
Performance		
Type	**S-500/20/0.4 kV**	**SL-500/20/0.4 kV**
Rated Voltage (kV)	20 ± 2x2.5% / 0.4 KV	20 ± 2x2.5% / 0.4 KV
Rated Power (HV/LV) (KVA)	500	500
Rated current (HV/LV) (A)	14.4 / 721.7 A	14.4 / 721.7 A
Tapping	Off-load	Off-load
Tapping range	±2x2.5%	±2x2.5%
Taping positions	5	5
Tapping location	HV WINDING.	HV WINDING.
Rated Frequency	50Hz	50Hz
Cooling Method	ONAN	ONAN
No load losses	Tier 2	Tier 2
Load losses	Tier 2	Tier 2
Vector group	Dyn11	Dyn11
Winding material	Cu	AL
Sound level	70 dB(A) Sound pressure level	70 dB(A) Sound pressure level
Impedance		
HV- LV	4.5%	4.5%
Insulation level		

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HV winding	Basic Lightning impulse	125kV	125kV
	Power frequency withstand voltage	50kV	50kV
LV windin	Basic Lightning impulse	-	-
	Power frequency withstand voltage	3kV	3kV
Temperature rise			
Winding Average K		60 K	60 K
Top oil K		55 K	55 K

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