

# DISTRIBUTION TRANSFORMER

## Technical Specification

Power Transmission & Distribution



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**LS** Industrial Systems

New Name of  **LG Industrial Systems**



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## 1. Distribution Transformer for 1000kVA

#	Item	Unit	Specification
1	POWER	kVA	1000
2	POWER RATIO ( HV/LV )	kV/kV	34.5 / 0.4
3	VOLTAGE ADJUSTMENTI (By HV)	%	+2-2 x 2.5 %
4	FREQUENCY	Hz	50
5	PHASE NUMBER		3
6	CONNECTION GROUP		Dyn11
7	NO LOAD LOSS	W	2670
8	LOAD LOSS 100%	W	11100
9	COOLING TYPE		AN
10	BANDAGE TEMPARATURE INCREASE (HV/LV)	°K	100/100
11	WEIGHT	kg	3065
12	Dimension - W	mm	1890
13	Dimension – D	mm	1050
14	Dimension - H	mm	2040

\*\* Dimension could be adjustable depend on specific engineering.

## 2. Distribution Transformer for 1250kVA

#	Item	Unit	Specification
1	POWER	kVA	1250
2	POWER RATIO ( HV/LV )	kV/kV	34.5 / 0.4
3	VOLTAGE ADJUSTMENTI (By HV)	%	+2-2 x 2.5 %
4	FREQUENCY	Hz	50
5	PHASE NUMBER		3
6	CONNECTION GROUP		Dyn11
7	NO LOAD LOSS	W	3100



#	Item	Unit	Specification
8	LOAD LOSS 100%	W	13260
9	COOLING TYPE		AN
10	BANDAGE TEMPARATURE INCREASE (HV/LV)	°K	100/100
11	WEIGHT	kg	3670
12	Dimension - W	mm	2025
13	Dimension – D	mm	1100
14	Dimension - H	mm	2070

\*\* Dimension could be adjustable depend on specific engineering.

### 3. Distribution Transformer for 1600kVA

#	Item	Unit	Specification
1	POWER	kVA	1600
2	POWER RATIO ( HV/LV )	kV/kV	34.5 / 0.4
3	VOLTAGE ADJUSTMENTI (By HV)	%	+2-2 x 2.5 %
4	FREQUENCY	Hz	50
5	PHASE NUMBER		3
6	CONNECTION GROUP		Dyn11
7	NO LOAD LOSS	W	3450
8	LOAD LOSS 100%	W	15900
9	COOLING TYPE		AN
10	BANDAGE TEMPARATURE INCREASE (HV/LV)	°K	100/100
11	WEIGHT	kg	4127
12	Dimension - W	mm	2070
13	Dimension – D	mm	1150
14	Dimension - H	mm	2100

\*\* Dimension could be adjustable depend on specific engineering.

#### 4. Distribution Transformer for 2000kVA

#	Item	Unit	Specification
1	POWER	kVA	2000
2	POWER RATIO ( HV/LV )	kV/kV	34.5 / 0.4
3	VOLTAGE ADJUSTMENTI (By HV)	%	+2-2 x 2.5 %
4	FREQUENCY	Hz	50
5	PHASE NUMBER		3
6	CONNECTION GROUP		Dyn11
7	NO LOAD LOSS	W	4390
8	LOAD LOSS 100%	W	16680
9	COOLING TYPE		AN
10	BANDAGE TEMPARATURE INCREASE (HV/LV)	°K	100/100
11	WEIGHT	kg	5045
12	Dimension - W	mm	2235
13	Dimension – D	mm	1150
14	Dimension - H	mm	2130

\*\* Dimension could be adjustable depend on specific engineering.

#### 5. Distribution Transformer for 2500kVA

#	Item	Unit	Specification
1	POWER	kVA	2500
2	POWER RATIO ( HV/LV )	kV/kV	34.5 / 0.4
3	VOLTAGE ADJUSTMENTI (By HV)	%	+2-2 x 2.5 %
4	FREQUENCY	Hz	50
5	PHASE NUMBER		3
6	CONNECTION GROUP		Dyn11
7	NO LOAD LOSS	W	4930



#	Item	Unit	Specification
8	LOAD LOSS 100%	W	18300
9	COOLING TYPE		AN
10	BANDAGE TEMPARATURE INCREASE (HV/LV)	°K	100/100
11	WEIGHT	kg	6060
12	Dimension - W	mm	2430
13	Dimension – D	mm	1300
14	Dimension - H	mm	2160

\*\* Dimension could be adjustable depend on specific engineering.