

TECHNICAL SPECIFICATION

(THREE PHASE DISTRIBUTION TRANSFORMER)

STANDARD : SPLN 50/97

Rated Primary Voltage :
20000 Volt

Secondary Voltage :
400 Volt

HERMETICALLY SEALED

OFF LOAD TAP CHANGER

* Special Requirement
Shall Be Advised

Capacity (kVA)	Exciting Current %	Impedance %	No Load Losses WATT	Load Losses WATT	Total Losses WATT	Efficiency at 75 C Pf:1.0				Voltage Regulation		Noise Level at 1 M
						100%	75%	50%	25%	Cos ϕ =1.0	Cos ϕ =0.8	
25	2.40	4.00	75	425	500	98.40	98.35	98.57	98.40	1.76	3.55	50
50	2.30	4.00	150	800	950	98.13	98.42	98.62	98.42	1.66	3.50	50
100	2.30	4.00	300	1600	1900	98.13	98.42	98.62	98.42	1.66	3.50	51
160	2.30	4.00	400	2000	2400	98.52	98.74	98.89	98.70	1.32	3.30	55
200	2.20	4.00	480	2500	2980	98.53	98.76	98.91	98.74	1.32	3.30	55
250	2.10	4.00	600	3000	3600	98.58	98.79	98.93	98.75	1.27	3.27	55
315	2.00	4.00	770	3900	4670	98.54	98.76	98.90	98.73	1.31	3.30	56
400	1.90	4.00	930	4600	5530	98.64	98.84	98.97	98.79	1.22	3.25	56
500	1.90	4.00	1100	5500	6600	98.70	98.89	99.02	98.86	1.17	3.22	56
630	1.80	4.00	1300	6500	7800	98.78	98.96	99.08	98.93	1.11	3.17	56
800	2.00	4.50	1750	9100	10850	98.66	98.87	99.00	98.85	1.23	3.56	57
1000	2.00	5.00	2300	12100	14400	98.58	98.80	98.95	98.80	1.33	3.93	58
1250	2.00	5.50	2500	15000	17500	98.62	98.85	99.00	98.91	1.34	4.24	59
1600	2.00	6.00	3000	18100	21100	98.70	98.91	99.07	98.97	1.30	4.52	60
2000	2.00	7.00	3600	21000	24600	98.78	98.98	99.12	99.03	1.29	5.11	61
2500	2.00	7.00	4000	25000	29000	98.85	99.05	99.19	99.12	1.24	5.08	62

2500 up to 20,000 On Request

