



品质创造未来，细节决定完美！
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Our Company SOLID ELECTRIC



TND(SVC)>>

系列单相高精度全自动交流稳压器

Series Single Phase Automatic Voltage Regulator/Stabilizer



◆概述/Introduction

TND(SVC)系列单相高精度全自动交流稳压器，由接触式自动调压器、伺服式电动机、自动控制电路等组成。当电网电压不稳定或负载变化时，自动采样控制电路发出信号驱动伺服电机，调整自动调压器碳刷的位置，使输出电压调整到额定值并达到稳定状态。本产品具有波形不失真、性能可靠、可长期运行等特点，设有延时、过压、欠压等保护功能。可广泛用于任何需要稳定电压的用场所，是一种理想的稳压电源。确保您的用电设备正常运行。

TND(SVC) series single phase automatic voltage regulator is combined with autotransformers, servo motors and PCB etc. When the grid voltage is not stable, the sampling circuit will send a signal to drive the motor to adjust the position of carbon brush, to adjust the output voltage to reach the rated data and stay stable. It has delay, over voltage, under voltage protections. It is an ideal stabilizer power supply.

◆产品性能/Technical Parameter

输入电压 Input Voltage	130V~250V
输出电压 Output Voltage	220V ± 3%
频率 Frequency	50Hz~60Hz
调整时间 Adjust Time	≤1秒/S (输入电压变化10%时When change less than 10%)
效率 Efficiency	≥90%
环境温度 Temperature	-10℃ ~ +40℃
相对湿度 Relative Humidity	<90%
波形失真 Waveform Distortion	无附加波形失真No waveform distortion
负载功率因数 Load Factor	0.8
绝缘电阻 Insulation resistance	>5 MΩ

◆外型尺寸/Dimension, Package

型号规格(KVA) Model(KVA)	净重(KG) Net Weight(KG)	产品尺寸(宽×深×高) CM Size(Width × Depth × Height) CM	数量 Quantity
TND-0.5KVA	4	19 × 16 × 14	4
TND-1KVA	5.5	21 × 21.5 × 17	4
TND-1.5KVA	5.8	21 × 21.5 × 17	4
TND-2KVA	10	29 × 24 × 20	2
TND-3KVA	12	32 × 23.5 × 24	2
TND-5KVA	15	36.5 × 22 × 29	2
TND-7KVA	16.5	36.5 × 22 × 29	2
TND-10KVA	27	43.5 × 24 × 37	1
TND-5KVA (Vertical)	17	32 × 28 × 46	1
TND-10KVA (Vertical)	36	38 × 34.5 × 62	1
TND-15KVA	64	45 × 38 × 75	1
TND-20KVA	70	45 × 38 × 75	1
TND-30KVA	95	49 × 42.5 × 88	1
TND-40KVA	118	49 × 42.5 × 123	1
TND-50KVA	169	66 × 54 × 96	1