



◆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电场所,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°C ~ +40°C
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



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TSD5系列壁挂式伺服交流稳压器是在SVC系列产品的基础上重新完善设计的产品,具有延时、过压、欠压保护,市电、稳压自动转变等优良功能,采用挂壁式安装,能有效拓展和利用空间,外形色调柔和,给人以焕然一新之感。广泛应用于家庭、医院、办公室、工业自动化等需要稳压的场合。

TSD series wall-mounted voltage regulators have delay, over voltage, under voltage, over heat, over load protections. It also has bypass function. It is widely applied in home, hospitals, offices etc.

◆产品性能/Technical Parameter

输入电压 Input Voltage	130V~250V
输出电压 Output Voltage	220V
输出精度 Accuracy	± 3%
频率 Frequency	50Hz~60Hz
效率 Efficiency	> 90%
调整时间 Adjust Time	< 1S
环境温度 Temperature	-10°C ~ +40°C
绝缘电阻 Insulation Resistance	> 5MΩ
波形失真 Waveform Distortion	无附加波形失真 No waveform distortion
保护功能 Protect Function	过压、过流 Over voltage, Over current 欠压保护(Under voltage protection), 过热保护(Over Heat protection)
延迟时间 Delay Time	延时(Long Time Delay) 5 ± 2min

◆外型尺寸/Dimension, Package

型号规格(KVA) Model(KVA)	额定容量(KVA) Rated Power	净重(KG) Net Weight(KG)	产品尺寸(宽×深×高) CM Size(Width × Depth × Height) CM
TSD-3K	3	27	39X26X15
TSD-5K	5	32	41X28X18
TSD-8K	8	40	41X28X18
TSD-10K	10	45	41X28X18
TSD-12K	12	51	32X44X20.5