

ZBW系列

智能型无触点交流稳压器



ZBW series intelligent contactless AC voltage stabilizer

概述

General

在现代化工业生产中，有很多设备对电压的要求不是很高（5%以内），接纳广大用户的建议以后，研制生产了ZBW系列经济型稳压器。体积小、响应速度快、无碳刷、无触点、无机械、三相分调、经济实惠。

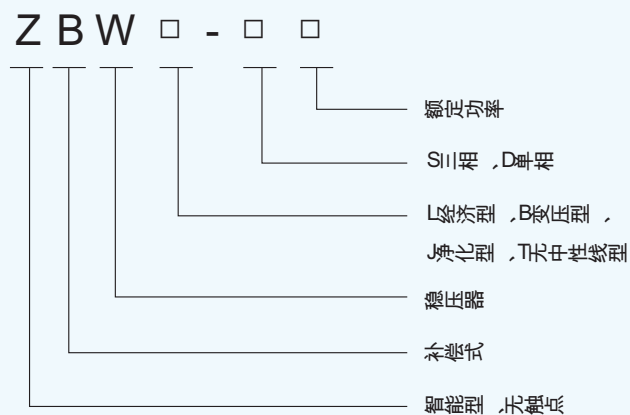
ZBWL系列智能型无触点交流稳压器（经济型）其稳压精度为5%，外形尺寸、技术指标和性能特点与ZBW系列相同。

Some equipment has low requirements to the voltage (within 5%), based on the users' suggestion, we developed the ZBW series economic type voltage stabilizer that is featured with compact volume, quick response, brushless, contactless, machinery free, three-phase separated regulation, it is economical and practical.

Voltage stabilization accuracy of ZBWL series intelligent contactless AC voltage stabilizer (economic type) is 5%, its outline dimensions, technical indexes and performance features are same as ZBW series.

型号及其含义

Model and the meaning



应用范围

Applications

各种数控加工中心、医疗设备、印刷机械设备、环境试验设备、通讯设备等，尤其适用于电网波动幅度大、电压瞬间突变等恶劣供电环境。设备电压与电网电压不同的场所。各种不同电压制式数控加工中心、医疗设备、印刷机械设备、环境试验设备、电子检测设备、通讯设备等。

Various CNC machining centers, medical equipments, printing machineries, environmental test facilities, communication equipments, etc, especially suitable for severe power supply environment such as large grid voltage fluctuation range, abrupt change of voltage, etc; it is applicable for situations that the equipment voltage is different from the power grid voltage; CNC machining centers, medical equipments, printing machineries, environmental test facilities, electronic test equipments, communication equipments and so on with different voltage systems.

技术参数

Technical index

输入 Input	稳压范围 Voltage stabilization range	三相 304V-456V 单相 176V-264V Three-phase 304V-456V, single-phase 176V-264V
	频率 Frequency	50HZ/60HZ
输出 Output	额定电压 Rated voltage	相电压 220V 线电压 380V Phase voltage 220V, line voltage 380V
	中心电压 Center voltage	+7%
	稳压精度 Accuracy of voltage stabilization	+5%
	响应时间 Response time	\leq 50ms
	波形失真 Waveform distortion	无附加波形畸变(静态) No additional waveform distortion (static)
	效率 Efficiency	\geq 98%
	三相不平衡度 Three-phase unbalanced degree	三相输出电压自动平衡 Three-phase voltage balance automatically
	延时输出 Time delay output	先稳压后输出(保护设备免受冲击) Voltage stabilization output first (protect equipment from impact)
	过压 Over-voltage	当三相电压超过 10%~245V 时, 切断输出或转旁路不间断 When output phase voltage is beyond 10% (245V), it cuts off the output, or turns to bypass uninterruptedly
	欠压 Under-voltage	当三相电压低于 10%~198V 时, 切断输出或转旁路不间断 When output phase voltage is lower than 10% (198V), it cuts off the output, or turns to bypass uninterruptedly
保护 Protection	缺相 Open-phase	报警(自动分断) With automatic cut off function
	过载 Overload	电子检测, 过载 3 分钟后自动分断 Electronic detector, cut off the output in 3min in case of overload
	过流 Over-current	电子检测和断路器双重保护 Dual protections of electronic detector and circuit breaker
	短路 Short-circuit	电子检测和断路器双重保护 Dual protections of electronic detector and circuit breaker
	旁路 Bypass	人工或不间断自动旁路 By manual, or automatic bypass uninterruptedly
指示 Indicator	电压 Voltage	A、B、C、 Σ ABC 三相电压有效值数字显示 A, B, C and Σ ABC three phases have TRMS digital display respectively
	电流 Current	A、B、C、 Σ ABC 三相电流有效值数字显示 A, B, C and Σ ABC three phases have TRMS digital display respectively
	工作状态 Working status	稳压状态 / 市电状态 Voltage stabilization status and utility power status
	报警 Abnormal	过压、欠压、过载、保险丝熔断 Over-voltage, under-voltage, overload, fuse blowout
工作方式 Working mode	稳压输出和在市电时正常工作 Two modes: voltage stabilization and utility power	
过载能力 Overload capacity	5 倍额定电流 1 秒 5 times the rated current for 1s	