

◎ 概述 OVERVIEW

ATDGCJ、ATSGCJ系列单、三相大功率柱式电动调压器，是我公司结合市场需求开发设计、生产的大功率柱式调压器新产品，以满足广大用户的需求。柱式电动调压器具有输出电压波形不失真(输出电压波形畸变率增量<1%)，柱式电动调压器采用电动操作机构，减轻操作劳动强度。输出电可从零电压起始调节、瞬时过载能力强、空载电流、空载损耗小，效率高、噪音小、寿命长。适宜各种感性、容性、电阻负载使用等特点。

广泛用于化工、冶金、仪器仪表、机械制造、轻工工业、公用设备、家用电器等。安装场所无严重影响调压器绝缘的气体、蒸气、化学性沉积、粉尘、污垢及其它爆炸性和侵蚀性介质；安装场所应无严重的振动和颠簸；户内使用；不准并联使用。

- 1、新安装或长期不用的调压器，运行前必须用500伏兆欧表测量线圈对地的绝缘电阻，其值不低于5兆欧时才安全使用，否则应进行热烘处理。热烘处理方法一般可用带电烘燥法或送入烘房烘燥，烘燥后应检查各紧固件是否松动，如有松动应加以紧固。
- 2、电源电压应符合调压器上的输入电压。
- 3、调压器必须良好接地，以保证安全。
- 4、使用时应经常注意输出电流不超过额定值，如有短时负荷，不能超过表2的规定，否则易使调压器寿命降低甚至烧毁。
- 5、使用时应缓慢均匀地旋转，以免引起电刷损坏或产生火花。
- 6、应经常检查调压器的使用情况，如发现电刷磨损过多、缺损，应及时调换同种规格的电刷，并用零号砂纸垫在电刷下面转动数次使电刷底面磨平，接触良好，方可使用。调换的铜石墨复合电刷必须严格符合规格要求。
- 7、线圈与电刷接受的面，应经常保持清洁，否则易引起打火花而烧坏线圈表面。如发现线圈表面烧有黑色斑点可用棉纱沾酒精(90%)擦拭，直至表面斑点除去为止。
- 8、从电源接到调压器，调压器到负载的导线和导线端子接头应接触很好，并能通过调压器额定电流。
- 9、搬动调压器时不得用手轮，而应用提手或将整个产品提起移动。
- 10、调压器需要横装在面板上，(仅限于单元调压器结构)或立装在其他底座上时可利用调压器底座的安装孔加以固定。
- 11、调压器应经常保持清洁不允许有水滴，油污等落入调压器内部，调压器应定时停电除去内部积聚的尘埃。

ATDGCJ, ATSGCJ series of single-phase three-phase electric power voltage regulator is a combination of market demand for our company to openHair design, production of high-power pole voltage regulator new products to meet customers needs. Column electric voltage apparatus Are the output voltage waveform without distortion (the output voltage waveform distortion rate increment of "1%), column electric voltage regulator with electric operation machine Structure, and reduce labor intensity operations. Output from the initial zero-voltage regulation, transient overload strong, no-load current, air Contains a small loss, high efficiency, low noise and long life. Suitable for a variety of inductive, capacitive and resistance load to use and so on. Install voltage regulator places no serious impact on insulation gas, steam, chemical deposition, dust, dirt and other explosive and corrosive medium;

Installation sites should be no serious vibration and turbulence; indoor use; are not allowed to use in parallel.

1. a new installation or long-term without a voltage regulator, pre-operations must use 500-volt megger measuring coil to ground insulation resistance, and its value can not be less than 5 megohm when the safe use of, or thermal baking treatment should be carried out. Heat drying treatment in general can be charged into the drying room drying method or drying, drying should be checked after each fastener is loose, tighten any loose should be.
2. power supply should meet the regulator's input voltage.
3. voltage regulator must have good grounding in order to ensure security.
4. using the constant attention should be no more than rated output current, where short-term load, can not exceed the requirements in Table 2, or easy to make life regulator to reduce or even destroyed.
5. using the rotation should be slow and evenly, so as to avoid causing damage or sparks brush.
6. should always check the use of voltage regulators, such as found in brush excessive wear and tear, defects, should be promptly exchange the same kinds of specifications of the brush, and use Zero pad sandpaper several times in the rotating brush to brush the underside below polished contact with well before use. Exchange of copper graphite composite brush must be in strict compliance with specifications.
7. coil and the brush to accept the surface should always be kept clean, otherwise, could easily cause a spark and burn playing surface coil. If the surface coil was found burning in black cotton soiled spots available alcohol (90%) cleaning up the surface until the spots removed.
8. received from the power supply voltage regulator, voltage regulator to the load of wire and wire terminal connectors should be approached very good, and rated current through the voltage regulator.
9. voltage regulator shall not be moved by hand wheel, and the application handle or move to bring the whole product.
10. voltage regulator installed in the panel on the need for horizontal, (voltage regulator module structure only) or Li- loaded on other base voltage regulator can be used when the base of the mounting holes to be fixed.
11. voltage regulator should always be kept clean and does not allow water droplets, oil, etc. into the internal voltage regulator, voltage regulator should be removed from time to time within the accumulation of dust bl-ackout.

