

FLUORESCENT LIGHTING SOLUTION FOR YOUR FACILITY (INTRODUCTION OF ENERGY SAVING CHOKE)

We introduce to you customized ENERGY SAVING CHOKE for fluorescent lighting fixtures. The chokes are with robust features such as instant light-up (flicker free), voltage stabilizer, power factor correction and several other advantages (aimed) to eliminate the deficiencies of fluorescent lighting fixtures without compromise to the tube brightness.

Consequently, incessant maintenance of your fluorescent fittings will no longer take place.

Premium models compensate for voltage lagging up to 0.95pf lagging and sine wave correction for lapses in voltage regulation of private {generator or inverter} power supply while economic version is with limited power factor correction of 0.85 pf lagging.

Pricing

The energy saving chokes is affordable with maximum payback period of less than six months when compared to the ferrite coil choke or components energy bulbs. *Please contact us,*

PROMINENT FEATURES OF OUR ENERGY SAVING CHOKES

- ❖ Wide operating voltage: ranges from 100v to 415v. Works excellent against very low and high and heavy spikes. *(N.B option available for 100 to 600Vac and above).*
- ❖ Maximized tube rod up to twice it usual life span *thanks to electrode preserving warm start; starting time < 2 s*
- ❖ Automatic restart after lamp replacement
- ❖ Constant lamp output independent of mains voltage fluctuations
- ❖ In built Surge protection; Safety switch-off in case of abnormal lamp operation, e.g. defective electrode and end of lamp
- ❖ Moisture proof so no problems with monsoon
- ❖ life; tested acc. to EN 61347-2-3 + Test 2

- ❖ Overvoltage protection up to 350 V AC/2 h
- ❖ Certified as thermally protected ballasts, e.g. for application in – luminaries.
- ❖ Power factor correction/enhancement (options are available for electronic ballast from 0.85 lagging up to 0.15 leading voltages).
- ❖ Suitable for direct current operation and emergency
- ❖ lighting installations acc. to DIN VDE 0108
- ❖ Energy efficiency index EEI=A2 (*saves up to 40% on energy consumptions*)
- ❖ Nominal service life: 50,000 h with failure rate $\leq 10\%$ and operation at $t_c = t_{c, \max}$.
- ❖ 90% recycle able after service life.

A detail product specification and test certificate by

ASSURANCE

The product is the outcome of several years of research and product customization to Nigerian power scenarios. The product have been tested and certified to have met all required standard in some of the foremost labs in the world.

....Thinking, working and making good

Our energy saving chokes are modified to meet all anticipated challenges of Nigerian power supplies and were certified using high cad simulation of various power scenario covering frequency drifting, power factor lagging, voltage fluctuations and power surge by one of the leading test lab in Leicester UK.