

Press release 24.11.14: In fight against harmonics

Finnish Clean Tech -company MSc brings out an efficient and compact active harmonic filter MSc AHF 100. International launching takes place at SPS IPC Drives -exhibition 25.-27.11. in Nuremberg, Germany.

To function properly, modern electrical devices require high quality, reliable, sinusoidal power supply. The more the use of electricity has increased, the more sources for interferences can be found in the network. The harmful harmonics are a result of non-linear electric loads. Examples of such non-linear loads are battery chargers, electronic ballasts and variable frequency drives, which are applications equipped with power electronic devices. Harmonics cause overloading to transformers, switchgear and cables not forgetting the possibility of malfunctioning of protective devices.

The basic idea of the new active harmonic filter is simple: to generate opposite harmonics towards the existing interfering harmonics in the network and tackle them. Quick action, compact size and modularity describe extremely well the new active harmonic filter made by MSc.

For the end user, investment for an active harmonic filter means enhanced energy efficiency and bringing reliability and continuity of service to a higher level, thus shortening the payback time.



Just plug and play

The new MSc AF 100 active filter offers true advantages through its modularity and compactness. Choosing the device is simple and doesn't require any harmonics or active filter specialist. Each unit is factory tested and fulfill the most important industrial standards for immunity, emissions and safety. This means trouble free, fast installation and commissioning on the site. If needed, the final installation can be extended in the future easily just by connecting more 100 A units in parallel.

Meet us at SPS IPC Drives 2014 in Nürnberg

MSc attends the exhibition on 25.-27.11.14, booth number is 666 and it is located in hall 3. You are most welcome to meet us there!

More information:

Pekka Hytti, Sales Director

e-mail: pekka.hytti@msc.eu, mobile phone: +358 40 773 3490

Background information:

MSc Traction and MSc Electronics present Finnish, high-end knowledge of demanding applications among power electronics and electrical drives. The main focus is on bringing added value to the customers by innovative, tailor made solutions. The head office and manufacturing plant of MSc Traction and MSc Electronics are located in Tampere, Finland.

MSc Traction is a European expert in rolling stock

The company specializes in rolling stock: auxiliary power converters and battery chargers for trams, locomotives and different train cars. The endurance of MSc solutions has been tested in the demanding climatological conditions of Northern Europe, as well as in the heat of the Middle East, and the busy tracks of Central Europe. Numerous train and tramcar manufacturers in Finland and Europe benefit from MSc's know-how.

MSc Electronics specializes in high quality power converter solutions

For more than 30 years, industrial custom designed converters, uninterruptible motor drives and different energy storage systems have been MSc's main areas of operation. MSc is a notable Clean-Tech pioneer.