

Press Release

Schaffner is raising the bar with new high current AC- and DC EMC/EMI filters

EMC/EMI filters on the AC- and DC side of inverters and converters contribute significantly to the compliance with the EMC directive and do improve the system reliability. Schaffner presents the most compact and most modern products in the market, with the introduction of the new FN 221x and FN 331x series. It is based upon the combination of innovative component technology and design knowhow to enable economic EMC solutions.

Schaffner, the international leader in the fields of electromagnetic compatibility and power quality, introduces the new FN 22xx and FN 33xx standard filters for high current applications on the AC- and/or DC side of PV inverters, converters and motor drives. These

innovative filters are optimized for the requirements of photovoltaic-, power conversion-, energy storage- and motor control systems and take into consideration Schaffner's extensive global application experience with AC- and DC power systems.

Along with appropriately sized FN 331x AC EMC/EMI filters on the line side, the new FN 221x DC filters help to meet the limits of EN 61000 and other binding EMC standards for PV installations in Europe and other regions. Further, the DC filter FN 221x will help to increase the service life of the solar panel, improve its reliability, and reduce potential interference radiations of the panel, by keeping away the inverter-born high-frequency and leakage currents.

The extremely compact AC filters FN 331x help to meet the EMC standards and are optimized to suit the most modern inverter design requirements, incl. motor drives and any other power converter types.

The new filters will require much less installation space compared to traditional solutions, due to the optimized attenuation performance levels. They also offer minimum power loss related to the rating of the inverter and thus help to maximize the system efficiency.

Both bus-bar filter series are available with ratings from 250 A to 2'300 A. Versions without capacitors to ground are also available as standard product for specific AC- and DC power system requirements.

All models are CE, UL, CSA and ENEC (FN 331x) approved and RoHS compliant.

More detailed information is available on www.schaffner.com and from all Schaffner partners.

Luterbach, May 18, 2015



Schaffner EMV AG

Press Release– Schaffner is raising the bar with new high current AC- and DC EMC/EMI filters

May 18, 2015

2/2

For more information:

Charles Vanhouteghem
Product Marketing Manager
P + 41 32 681 67 18 (direct)

charles.vanhouteghem@schaffner.com

Frank Almer
Head of Corporate Communication
P +41 32 681 68 80 (direct)

frank.almer@schaffner.com

Schaffner EMV AG
4542 Luterbach, Switzerland
P +41 32 681 66 26
F +41 32 681 66 41
www.schaffner.com

Photo download: <http://www.schaffner.com/en/media/product-pictures.html>

Schaffner – energy efficiency and reliability.

Schaffner is the worldwide leading consortium in the fields of 'electromagnetic compatibility' and 'power quality'. With its components it supports solutions for an efficient and reliable use of electric energy. With its products and services Schaffner Group significantly contributes to the promotion of technologies for the generation of renewable energies, ensures the reliable functioning of electronic devices and systems in compliance with all important quality and performance standards, and meets the requirements for increasing energy efficiency.