Compact 2 Stage EMC Filters for 3 Phase Systems up to 520 VAC

Schurter is pleased to announce the latest in its family of three-phase power line filters. The compact, high-end filters, FMBC NEO and FMBD NEO, offer cost savings and broader choices in form, fit, and function. The filters protect against interference voltage from the mains, providing very high attenuation performance.

The FMBC NEO two-stage, three-phase filter has an operating voltage of 3 x 277/480 VAC and 3 x 300/520 VAC with a current range from 7 – 180 A. Its lengthwise design allows for installation in tight control panel spaces. The filter housing is designed for screw mounting. Connections for three phases and ground are made using screw clamp terminals.

The FMBD NEO with neutral conductor is intended for use in four wire systems or three phases, neutral conductor and ground. The operating voltage is set up for 3 x 300/520 VAC installations and is available in currents ranging from 8 – 200 A. It combines exceptional attenuation with a low leakage rating of <1 mA.
The NEO series is designed for frequency converter based applications, such as drive systems, stepper motor drives, inverters, and UPS systems. The relatively low leakage current of the FMBD NEO may even be used for some medical devices. The filter series is cURus approved with ENEC approval pending.

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