

**FOR IMMEDIATE RELEASE**

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## Super Compact EMC Filter FMAD NEO 3-Phase plus Neutral

Santa Rosa, California, August 8, 2019 – FMAD NEO is SCHURTER's latest single-stage EMC filter series for 3-phase systems with a neutral line. Especially compact with high performance, the new filter series is ideally suited for use in today's more portable industrial machines. A wide temperature range further extends its capabilities for use in demanding climatic applications.



Like trends in electronic equipment design, three-phase cabinets are increasingly downsized with the machinery they control, ultimately to occupy less floor space on plant floors. Accordingly, smaller components are required to optimize available space in the cabinet. The FMAD NEO is a completely new filter design tailored for such applications. Almost cubed, it is much more compact than older rectangular generations, using the latest materials and components to achieve a remarkably high filter attenuation relative to its compact dimensions. The FMAD NEO is especially suited for applications with high electro-magnetic loads, such as converters for photovoltaic systems, battery storage units or charging stations for electric vehicles. It is a first choice for the latest developments in fast switching frequency inverters.

The FMAD NEO filters are designed for currents from 16 A to 230 A at an ambient temperature of 50 °C. The standard versions can be used over a wide temperature range from -40 °C to 100 °C. They are ENEC and cURus approved and recommended for applications up to 520 VAC. The standard versions are designed for industrial applications with leakage currents <13 mA. Special versions for leakage-critical applications of <3 mA are also available. The filter is chassis mounted with screw terminals for safe and reliable wire terminations. A full metal flange guarantees a good earth-ground connection. Six fixing holes are provided, which allow for symmetrical mounting, or asymmetrical mounting to ensure proper wiring orientation.

Pricing for the FMAD NEO starts at \$78.00 per each in 50 piece quantities. Link to datasheet

[http://www.schurter.com/datasheet/FMAD\\_NEO](http://www.schurter.com/datasheet/FMAD_NEO) and additional info regarding EMC

<https://www.schurter.com/en/Landing-Page/Products-and-Technologies/EMC-Services>. For sales and product information, contact Cora Umlauf at (800) 848 -2600 or by email at [info@schurter.com](mailto:info@schurter.com).

### About SCHURTER Inc.

The SCHURTER Group is the world's leading Swiss technology company providing components and complex solutions that ensure safe power supply and simplified equipment operation. The company's professional competence, financial independence, innovative strength and distinctive corporate culture, propel the SCHURTER Group, together with its customers and partners, into the digital future. The safe&easy brand claim not only refers to the products, but also the company's business philosophy, which strives for sustainable success through innovation, high-quality products and service, flexibility and proximity to customers.

SCHURTER is known globally as an innovator, manufacturer and distributor of fuses, connectors, circuit breakers, switches, EMC products, and input systems. Touch screens and touch panels, capacitive sensor keypads, membrane keypads and housing systems are developed in close cooperation with its customers. Within its business unit Solutions, SCHURTER combines all competencies and puts them at the customer's disposal. SCHURTER products and solutions are developed especially for specific industry segments – medical, data and communication, automotive, avionics & space, energy and the broader industrial market. SCHURTER considers the quality of its products and services as the key factor to the company's lasting success. Its management and improvement processes are designed and certified according to ISO 9001, ISO 13485, ISO 14001, ISO 45001 and IATF 16949, using the EFQM and Baldrige Excellence Models, as well as the application of Lean Management principles such as Value Stream Planning, Power Innovation, SSO, and Six Sigma.

SCHURTER Inc., Santa Rosa, California is the exclusive North America sales and distribution office for the SCHURTER Group.