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Next gen power entry module with IEC inlet and circuit breaker is IP 67

Santa Rosa, California, July 3, 2018 – SCHURTER announces its new extremely compact DG11 series power entry module, combining an IEC appliance inlet with an integrated rocker style circuit breaker. The series features a first-of-its-kind IP67 sealed version according to IEC 60529 in addition to IP40 versions.



The DG11 features three mounting variations: front panel snap-in, 1 to 3 mm; front or rear panel screw-mount, with top or side affixed frame. The sealed version is front panel mounted. It has a sealing gasket between the flange and panel, which is tightly mounted with sealed screws. The circuit breaker has a factory mounted protective cover. The inlet is sealed around the frame, as well as around the pins. The inlet is not sealed when plugged, although an IP54 version of the inlet is planned

The DG11 incorporates SCHURTER's TA35 circuit breaker for equipment, available with current ratings from 0.5 A to 15 A. The CBE provides the function of a 2-pole ON/OFF switch with 1- or 2-pole overcurrent protection. The rocker switch is recessed to prevent against inadvertent actuation. It is available illuminated or non-illuminated in a variety of colors and markings.

The DG11 aptly provides an alternative to power entry modules with integrated fuseholders, which can be limited by maximum rated current and allowable power dissipation or where resettable instead of replaceable overcurrent protection is required. It is well suited for use in various industrial appliances, especially motor drive appliances for protection against high inrush currents and high transient loads. The sealed version is ideal for use in appliances exposed to water or dust, for instance sterile medical and laboratory appliances such as shaking water baths ultrasonic cleaners, and overhead stirrers; commercial cooking appliances; power tools. Additionally, the DG11 is V-Lock cordset compatible, designed to protect against unintended disconnection.

The DG11 is rated 10 A at 250 VAC according to IEC and 15 A at 125/250 VAC according to UL/CSA. It is ENEC and cURus approved. CCC approval is pending. A version with EMC filter, series DG12, is planned for release in Q4 2018. Pricing for the DG11 is under \$15.00 each per 100 pieces for the IP40 version and \$22.00 for the IP67 version. Packaging is 10 pieces per box. Data sheet link for the DG11 is <https://us.schurter.com/en/datasheet/DG11>. For sales and product information, contact Cora Umlauf at (800) 848-2600 or by email at info@schurterinc.com.

About SCHURTER Inc.

SCHURTER is a progressive innovator and manufacturer of electronic and electrical components to industries worldwide. The Components Division is comprised of units: [Circuit Protection](#), [Connectors](#), [Switches](#), and [EMC Products](#), including measurement services as well as the Solutions unit, which offers customers a total interdisciplinary package. Division Input Systems offers complete touchscreen solutions including displays, housings and electronics. The two divisions focus on providing clean and safe supply of power and making equipment easier to use. These core competencies bring a high degree of innovation to SCHURTER's main markets Medical, Automotive, Energy, Data Communications, Avionics and Space, as well as the broader Industrial market.

SCHURTER meets its customers' highest demands through certified quality, environmental and safety management systems, ISO 9001, ISO 14001, OHSAS 18001, using highly developed Six Sigma processes. Processes certified according to the Automotive Standard IATF 16949: 2016 assure AEC-Q200 qualified protection devices, while processes certified to the most demanding of standards by the European Space Agency, ESA, are also in place to assure ESCC QPL listed for use in space flight applications. Additionally, SCHURTER components are suited for use in equipment according to IEC / UL 60601-1 and IEC / UL 60601-1-11, which outlines additional safety measures specific to medical equipment intended for use in the home. Components are also suitable for use in Data Communications equipment according to IEC / UL 60950.

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