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Schurter Adds "Snap-in" Power Entry Module

Space saving, compact design speeds assembly

SANTA ROSA, Calif., October 25, 2005 – Schurter announced today the new KFA snap-in power entry module as an adjunct to its popular screw mount counterpart. The elimination of mounting holes on the snap-in unit saves space and speeds assembly. The snapper design universally supports a range of panel thicknesses from 0.8 mm to 3.0 mm.

The KFA snap-in provides up to three functions, including an inlet, 1- or 2-pole shock-safe fusedrawer and EMC filter. The integrated unit provides a high performing, compact system for 1U devices where the load must be protected against overcurrent at the power source.

While the KFA series can be used in a variety of applications, it is especially suited for medical applications according to IEC 60601-2. The fusedrawers are offered as 1-pole, 2-pole, 1-pole with a spare fuse compartment, or 2-pole with a shorting bar in the neutral side. The 2-pole version provides additional safety by protecting both sides of the line – important when a non-polarized cordset is used. The fusedrawer is available in a finger-grip or extra-safe version. The extra-safe feature prohibits users from removing the fusedrawer while the power cord is plugged into the equipment. Standard or medical line filters are offered for rated currents of 1, 2, 4, 6 and 10 A. The medical filters, types M5 or M80, limit leakage current to 5 or 80 µA respectively. The M80 version provides increased attenuation of electro-magnetic interference, yet still meets the leakage requirements for non-patient contact devices.

The KFA is approved for 1-10 A at 125/250 VAC, 50/60 Hz, according to UL/CSA (c UL us) and IEC/EN (). The series is also suited for use in applications as described in IEC 60950, such as measurement, office, security, data communication or similar industrial applications.