

Quail Electronics, Inc.
2171 Research Drive
Livermore, CA 94550

TEL: 800-669-8090
FAX: 925-373-7099
www.quailelectronics.com

 **SCHURTER**
ELECTRONIC COMPONENTS

NEW



PC BOARD MOUNT POWER ENTRY MODULE OFFERS LOW PROFILE

Series pre-wires switch and inlet for 3-pin (L, N & E) installation

Schurter's new power entry module, series DC21, is designed to save space and minimize time and cost during the assembly of electronic devices. The AC inlet (IEC/EN 60320-1/C14) and on/off switch functions are internally wired and connect to a printed circuit board with 3-pins (L, N & E). The low profile design eliminates the handling of wires that may risk damage or electro-static exposure to sensitive, integrated circuits. A rear cover further insulates the module from other components. Connecting to a PC board also minimizes emissions that invariably result from the use of wire connections.

The rocker style switch is recessed to avoid accidental actuation. It is available in 1- or 2-poles with a lighted option to provide status indication. The in-rush rating is 100 Amps for 3-4 milliseconds, 5 Amps continuous. Lifetime is rated for 50 thousand cycles at 10 Amps, 250 Volts. The higher in-rush rating is particularly suited for applications that experience transient spikes, such as switching power supplies.

The DC21 is also available with an EMC filter, series DC22, which offers versions for both standard and medical applications. The filter is optimized to attenuate noise in both common and differential modes. For instance, the 1 Amp unit provides up to 60 dB attenuation above 1MHz. The metal case provides an excellent ground by making contact direct to the

chassis. Current ratings range from 1-10 Amps, 250 Volts and are approved to UL, CSA and ENEC.

Typical applications include industry sectors that manufacture computers and peripherals, telecommunications and medical equipment, as well as test and measurement devices. Delivery is 4-6 weeks.

For more Information Contact: Jason VanDusen

Phone: 1-800-669-8090 Fax: 1-925-373-7099

E-mail: sales@quail.com Web site: www.quailelectronics.com