

schurter.com/newsroom

Circuit Protection
Connectors
EMC Products
Switches
Input Systems
Electronic Manufacturing Services
Solutions

 **SCHURTER**
ELECTRONIC COMPONENTS

Product news





Reflowable Thermal Switch

SCHURTER introduces its new RTS. The RTS is a particularly compact overtemperature protection device using advanced SMD technology. It is suited for the highest demands of protection in power semiconductors.

schurter.com/thermal-protection



Comprehensive BONDING expertise

In addition to the sensor bonding process (Liquid Bonding or Optical Clear Adhesive lamination), SCHURTER also offers the optical bonding process for displays using dry bonding and liquid bonding. This greatly improves the performance of the PCAP touchpanels and displays.

schurter.com/optical-bonding



No tin whiskers, no tin dendrites

SCHURTER extends its successful MGA / MGA-S line of 1206 dimension SMD ceramic fuses with an aviation version that is tin whisker free and completely dispenses with leaded coating. The approval according to the quality requirements of ESA is in progress.

schurter.com/space



Light Pipe portfolio expanded

SCHURTER improves upon a classic product: the new 4797-5 series IEC outlets are available with integrated Light Pipes. An intelligent, space and cost-saving solution for PDUs used in data centers and other multi-distributed power applications.

lightpipe.schurter.com



Configurable Display Switch

SCHURTER is launching a new generation of intelligent input systems with capacitive touch technology. The intuitive operation with the touch of a finger stroke, wipe or rotation on the touchscreen conveniently resembles that of a smartphone. It delightfully responds to the visual taste and selection wishes of the customer.

schurter.com/cds1



Shock-safe fuseholder

With the new FUS fuseholder, SCHURTER is building on its successful FUL series for high-performance applications and presents the first dust and water-proof fuseholder (IP67) especially for rough applications. The snap-in fuseholder series guarantees fast and tool-free assembly. The carrier is available in both versions with slot and fingerrip and can accommodate fuse sizes 5 x 20 / 6.3 x 32.

fus.schurter.com



Certification according to IATF 16949 sets new standard

SCHURTER AG in Lucerne successfully passed the certification audits according to the new IATF 16949:2016 automotive standard. This new standard of the IATF (International Automotive Task Force) demands the highest system and process quality standards of a company.

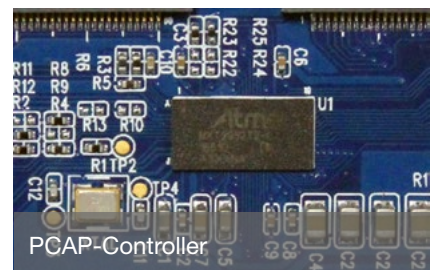
schurter.com/automotive



IEC appliance plug with circuit breaker

The DG11 was launched to meet the increasing requirements of high-performance medical equipment. The variably mountable IEC device plug C14/C18 with integrated device circuit breaker TA35 was developed for a variety of applications requiring, among other things, increased IP protection.

schurter.com/datasheet/DG11



PCAP controller for industry and medical market

All PenMount PCAP controller systems, whether as chip-on-flex or separate board, are certified according to the industrial standard IEC 61000-4-X and to the new medical standard IEC 60601-1-2 (EMC, 28 V/m). In addition, the controller portfolio was extended by in-house developments with maXTouch chip as well as EETI and ILITEK solutions.

schurter.com/PCAP-technology



FMAB NEO

Overvoltage protection

SCHURTER expands the successful range of built-in filters for single-stage systems FMAB NEO with optionally available overvoltage protection (varistors). The single-stage filter series has a compact design with high performance at the same time.

fmab-neo.schurter.com



MSM

New Metal Line switches with ring illumination

SCHURTER has revised and fine-tuned its MSM Metal Line series with ring lighting, which has been successful for years.

schurter.com/pg70



Solutions

Customer specific manufacturing service

The department Solutions coordinates and links all SCHURTER competences for the development of most demanding customer requirements in the context of system solutions. Solutions is in close cooperation with the Electronic Manufacturing Services and supports projects during the entire product lifecycle. The customer is the focus of our actions.

schurter.com/solutions



USN 1206

Temperature and overcurrent protection

SCHURTER's USN 1206 offers a temperature-sensitive SMD fuse suitable for both overcurrent protection and protection against excessive ambient temperatures. The USN 1206 from SCHURTER is not a pure thermal fuse. It needs a current flow to trigger. The temperature-sensitive SMD fuse is therefore reflowable at 245 °C.

schurter.com/thermal-protection



4761 / 4762

Waterproof push/pull appliance coupler

SCHURTER presents the waterproof IEC appliance inlet type 4761 and rewirable cord connector type 4762. The set is rated IP67 when connected or IP69K unconnected, when used with the accessory covers. This appliance coupler is perfect for supplying power to medical equipment used in offices or hospitals and is ideally suited for portable devices with exposure to ingress of particles or liquids.

ip67.schurter.com



FPBB RAIL

Compact DIN-Rail filter

The FPBB RAIL filter from SCHURTER is an extraordinarily slim double-stage, single-phase filter. The attractive space-saving design integrates an optional fuseholder or circuit breaker.

schurter.com/din-rail



400 VDC

400 VDC for Data Centers

The supply of a data center using direct current has enormous potential for savings. Converting, transforming, converting, transforming vast amounts of unused electricity simply disappear in data centers. The idea of switching the power supply to direct current and bypassing a large proportion of these losses results in a paradigm shift.

schurter.com/data-center



HCF

SMD solid-state fuse

The new HCF has a similar structure as the two ESA-certified types SCHURTER MGA-S and HCSF. In contrast to conventional fuses with a melting wire, the HCF has a metallic thin film layer. Due to its robust design, the HCF fuse is particularly suited for applications which offer high reliability under particularly difficult conditions (thermal and mechanical shock, cycle endurance, etc.).

schurter.com/datasheet/HCF



DD14

Power entry module with double-stage filter

Today's electronic equipment is designed to deliver high performance in a compact size. Often this causes problems affecting the equipment itself or other nearby devices due to the inherent electro-magnetic interferences. To meet these EMC challenges, high performance power entry modules must also keep pace, and such is the case with the new DD14 series from SCHURTER.

schurter.com/datasheet/DD14

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