

Components with elevated glow-wire ratings from SCHURTER

When it comes to household appliances used in unattended operation, the provisions of standard IEC 60335-1 have placed higher requirements regarding glow-wire ignition temperature (GWIT). These more stringent requirements thus also apply to installed components such as power sockets, fuse holders and connectors. For this reason, all components carrying current must meet the requirements of glow-wire tests as specified in IEC 60695-2-12 and -13.



As a leading producer of fuse holders and power sockets, SCHURTER manufactures a large number of products made of plastic materials with high glow-wire ratings. These are above all shock-safe fuse holders in the successful FPG series, which are available in a wide range of shapes and sizes as well as fuse blocks for assembly on circuit boards. Power connectors rated for 10 A and 16 A, including with a wide range of assembly types and various terminals, also meet these stricter requirements.

SCHURTER thus fulfills and exceeds the strict guidelines concerning fire prevention for electrical devices that are operated in households unattended. Which appliances are considered to fall under the «unattended» category and thus need components of this glow-wire category is defined in standard IEC 60335-2. Examples of such appliance types are dishwashers, coffee machines, washing machines and kitchen stoves.

You can find a list of components with elevated glow-wire ratings on the SCHURTER website [1] where you have also access to datasheets, CAD models and e-shop. Visit also the microsite glow-wire [2].

<http://www.schurter.com/en/Applications/Household-Equipment> [1]
glowwire.schurter.com [2]

Company:

SCHURTER continues to be a progressive innovator and manufacturer of electronic and electrical components worldwide. Our products ensure safe and clean supply of power, while making equipment easy to use. We offer a broad range of standard products including circuit protection, connectors, EMC products, switches and input systems, as well as electronic manufacturing services. Moreover, SCHURTER is ready to work with our customers to meet their application specific requirements, not covered in our standard range. You can rely on SCHURTER's global network of companies and partners to guarantee a high level of local service and product delivery.

Contact:

Should you have any questions regarding this or other SCHURTER products, please contact.

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