NEWS **M1540**

To:	Owner Sales Manual	Category:	Product news
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FXP

Fuseholder for very high power

- First fuse holder on the market according to the upcoming extension of the IEC standard 60127-6
- Particularly compact for a 6.3x32 fuse holder with this rating
- Easy assembly due to snap-in system
- Safe handling, as it can only be opened with tools

Product

Closed fuse holders are a fine thing: the fuse is well protected and yet easy to replace. According to IEC-60127-6, however, the limit was previously 16 A. Thanks to an extension of this standard initiated by SCHURTER, this is now history. The new FXP fuse holder for 6.3x32 fuse links is designed for rated currents up to 25 A (IEC) or 45 A (UL).

The new SCHURTER FXP fuse holder for 6.3x32 fuses has been explicitly designed for high-power applications. Its nominal data is an impressive proof: according to IEC, the rating is 25A @ 500VAC (8 watts) or UL 45A @ 600VAC/VDC. This makes it the first fuse holder that already fulfils the upcoming extension of the IEC standard 60127-6.

Derating at high ambient temperatures

What makes the FXP particularly interesting is its high current capability in use at elevated temperatures. The IEC and UL ratings are always based on normal conditions. In the case of a fuse holder, this means +23 °C (IEC) or +25 °C (UL). If a fuse holder is used above these temperatures, its capacity decreases with increasing temperature. The FXP fuse holder still achieves a maximum power of 4 watts even at 50°C ambient temperature. Today's fuse holders of similar size only achieve such values at room temperature. This circumstance creates safety reserves at increased operating temperatures.

Efficient mounting

Thanks to snap-in mounting technology, the FXP is ready for use in no time. With its IP40 protection class, it is primarily designed for indoor applications. A solder connection is available on the connection side.

Availability and Samples

An initial stock is available for all articles in the table of variants on the **Data sheet [1]**. More information about available stock of a specific variant may be retrieved by using the Distributor Stock Check in the table of variants on the **Data sheet [1]**.

Additional Information

The **Product Training [2]** provides additional background information about the advantages, USPs and many uses of the product. The **Data Sheet [1]** contains detailed information about the technical specifications, order numbers as well as CAD data and approval information. The PR texts, pictures as well as adverts in English and German are available on the Digital Asset Management server **DAM [2]**.

Please do not hesitate to contact us, should you have any questions.

Best regards,

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Sales Information Links

[1] Data sheet FXP https://www.schurter.com/en/datasheet/FXP
[2] SCHURTER DAM https://dam.schurter.com/Launch FXP

New Part Number

Part no.	Description	Configuration Code
3-141-376	FXP Fuseholder 6.3x32	FXP-111-00-2-1-0