

1.本站收集的数据手册和产品资料都来自互联网,版权归原作者所有。如读者和版权方有任 何异议请及时告之,我们将妥善解决。

本站提供的中文数据手册是英文数据手册的中文翻译,其目的是协助用户阅读,该译文无法自动跟随原稿更新,同时也可能存在翻译上的不当。建议读者以英文原稿为参考以便获得更精准的信息。

3.本站提供的产品资料,来自厂商的技术支持或者使用者的心得体会等,其内容可能存在描 叙上的差异,建议读者做出适当判断。

4.如需与我们联系,请发邮件到marketing@iczoom.com,主题请标有"数据手册"字样。

Read Statement

1. The datasheets and other product information on the site are all from network reference or other public materials, and the copyright belongs to the original author and original published source. If readers and copyright owners have any objections, please contact us and we will deal with it in a timely manner.

2. The Chinese datasheets provided on the website is a Chinese translation of the English datasheets. Its purpose is for reader's learning exchange only and do not involve commercial purposes. The translation cannot be automatically updated with the original manuscript, and there may also be improper translations. Readers are advised to use the English manuscript as a reference for more accurate information.

3. All product information provided on the website refer to solutions from manufacturers' technical support or users the contents may have differences in description, and readers are advised to take the original article as the standard.

4. If you have any questions, please contact us at marketing@iczoom.com and mark the subject with "Datasheets".

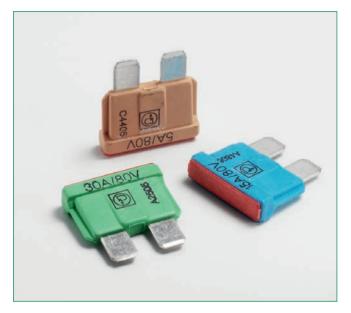
Blade Fuses





ittelfuse

Expertise Applied Answers Delivered



Description

The FKS-80 is an ATO[®] style blade fuse rated at 80V, featuring a three part construction with copper contacts for excellent reliability in harsh environment conditions and low voltage drop. Current ratings 3A thru 30A. Filled with arc-quenching material.

Specifications

1000 A @ 80 VDC
Out of thermoplastic (UL 94-V0, heat-resistant)
Out of thermoplastic (UL 94-V0, heat-resistant)
Red, not transparent
Blade contacts
Copper alloy, gal. Sn plated
Edge-protected
UL 248 Special Purpose Fuses
File No. E10480

Ordering Information

Part Number	Package Size
166.7000.xxx2	500
166.7000.xxx6	100

Time-Current Characteristics

% of Rating	Opening Time Min / Max (s)
110	360,000 s / -
150	0.500 s / 300 s
200	0.150 s / 20 s
350	0.040 s / 0.500 s
600	0.020 s / 0.100 s

Ratings

Part Number	Current Rating	Housing Color	Typ. Voltage Drop	Cold Resistance	l²t
166.7000.430_	3 A		145 mV	39.0 mΩ	8.10 A²s
166.7000.440_	4 A		140 mV	29.0 mΩ	14.4 A²s
166.7000.450_	5 A		140 mV	20.6 mΩ	24.3 A²s
166.7000.475_	7.5 A		120 mV	11.5 mΩ	44.5 A²s
166.7000.510_	10 A		110 mV	7.90 mΩ	86.4 A²s
166.7000.515_	15 A		110 mV	4.60 mΩ	162 A²s
166.7000.520_	20 A		110 mV	3.30 mΩ	475 A²s
166.7000.525_	25 A		105 mV	2.27 mΩ	950 A²s
166.7000.530_	30 A		100 mV	1.79 mΩ	1,500 A²s

Corresponding holder see Section "Fuse Holders."

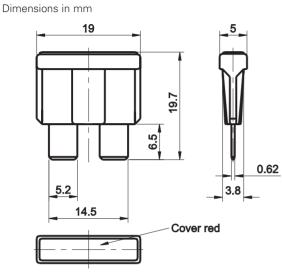


Blade Fuses

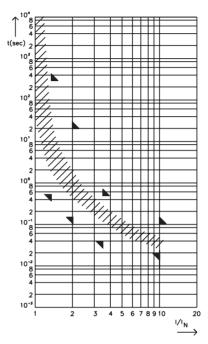
FKS ATO® STYLE BLADE FUSE RATED 80V



Dimensions



Pre-Arcing Time-Limits



FI = 1.43 (max.operating current: 0.7 x I_{rat} at 23°C)