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FKS ATO® STYLE BLADE FUSE RATED 80V





Description

The FKS-80 is an ATO $^{\rm @}$ 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

Interrupting Rating: 1000 A @ 80 VDC

Insulating Body: Out of thermoplastic (UL 94-V0, heat-resistant) Cover:

Out of thermoplastic (UL 94-V0, heat-resistant)

Red, not transparent

Terminals: Blade contacts

Copper alloy, gal. Sn plated

Edge-protected

Complies with: UL 248 Special Purpose Fuses

cULus Recognized: 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 / - 0.500 s / 300 s		
150			
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 A ² s
166.7000.440_	4 A		140 mV	29.0 mΩ	14.4 A ² s
166.7000.450_	5 A		140 mV	20.6 mΩ	24.3 A ² s
166.7000.475_	7.5 A		120 mV	11.5 mΩ	44.5 A ² s
166.7000.510_	10 A		110 mV	7.90 mΩ	86.4 A ² s
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 A ² s

Corresponding holder see Section "Fuse Holders."

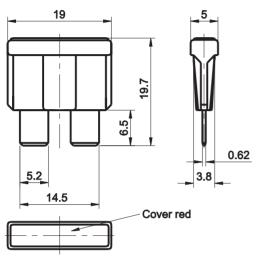


FKS ATO® STYLE BLADE FUSE RATED 80V

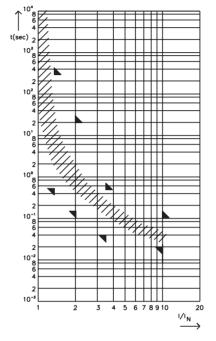


Dimensions

Dimensions in mm



Pre-Arcing Time-Limits



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