

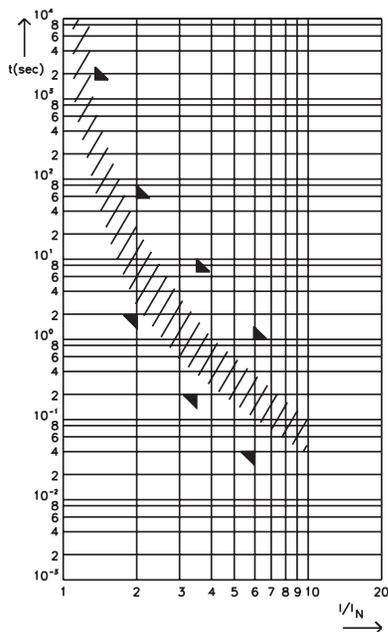
FK3 MAXI[®] STYLE BLADE FUSE RATED 80V



Description

The FK3-80 is a MAXI[®] style fuse rated at 80V, featuring three piece design with copper contacts for excellent reliability in harsh environment conditions and low voltage drop. Current ratings 20A thru 50A. Filled with arc-quenching material.

Pre-Arcing Time-Limits



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

Ratings

Part Number	Current Rating	Housing Color	Typ. Voltage Drop	Cold Resistance	I ² t
166.6885.520_	20 A	Yellow	120 mV	4.50 mΩ	2,160 A ² s
166.6885.530_	30 A	Green	160 mV	3.00 mΩ	4,950 A ² s
166.6885.540_	40 A	Orange	110 mV	1.65 mΩ	12,800 A ² s
166.6885.550_	50 A	Red	100 mV	1.20 mΩ	25,500 A ² s

Corresponding holder see Section "Fuse Holders."

Specifications

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 Edge-protected
Interrupting Rating:	1000 A @80 VDC
Complies with:	UL 248 Special Purpose Fuses
cULus Recognized:	File No. E10480

Ordering Information

Part Number	Package Size
166.6885.5xx2	1000
166.6885.5xx1	10

Time-Current Characteristics

% of Rating	Opening Time Min / Max (s)
100	360,000 s / -
135	- / 1,800 s
200	2 s / 60 s
350	0.20 s / 7 s
600	0.040 s / 1 s

Dimensions

Dimensions in mm

