

**Product Specifications**

**Electrical Specifications**

600VAC (100mA~30A)  
600VDC (100mA~800mA)  
300VDC (9A~30A)

**Standards**

1A-30A VAC - UL Listed to Standard 248-4. File E523284  
9A-30A VDC - UL Listed to Standard 248-4. File E523284  
1A-30A VAC - Tested to CSA C22.2 No.248.4 Standard. File E523284  
9A-30A VDC - Tested to CSA C22.2 No.248.4 Standard. File E523284  
100mA-800mA VAC - UL Listed to Standard 248-4. File E523284  
100mA-800mA VDC - UL Listed to Standard 248-4. File E523284  
100mA-800mA VAC - Tested to CSA C22,2 No.248.4 Standard. File E523284  
100mA-800mA VDC - Tested to CSA C22,2 No.248.4 Standard. File E523284  
Branch-circuit Fuses



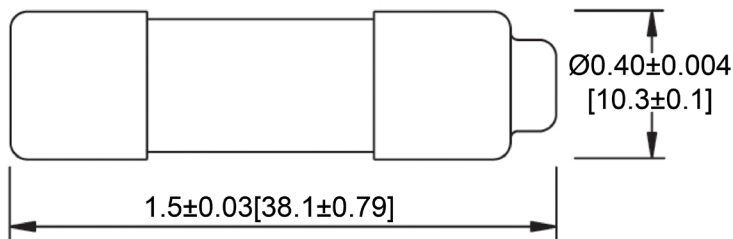
**Interrupting Rating**

200,000 amperes @ 600VAC (100mA~30A)  
50,000 amperes @ 600VDC (100mA~800mA)  
10,000 amperes @ 300VDC (9A~30A)

**Part Numbers Information**

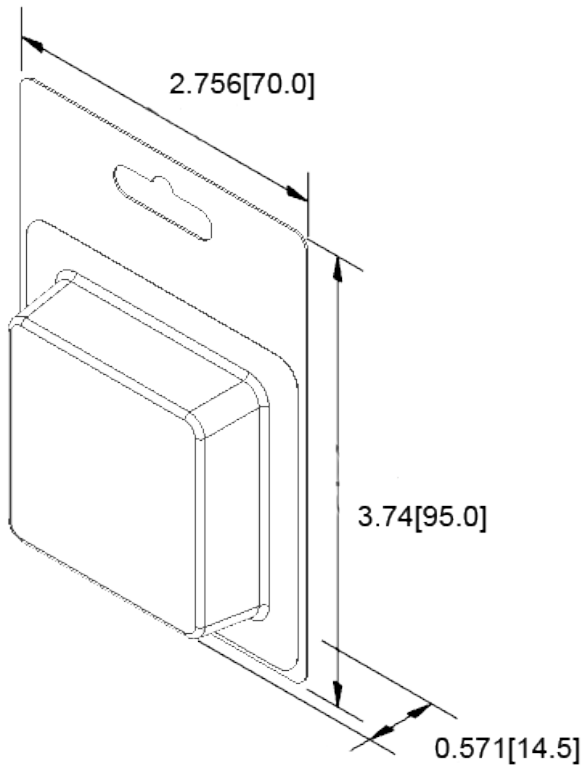
Optifuse P/N	Current Rating
TPK-R-100mA	100mA
TPK-R-200mA	200mA
TPK-R-250mA	250mA
TPK-R-300mA	300mA
TPK-R-400mA	400mA
TPK-R-500mA	500mA
TPK-R-600mA	600mA
TPK-R-700mA	700mA
TPK-R-750mA	750mA
TPK-R-800mA	800mA
TPK-R-1A	1A
TPK-R-1.25A	1.25A
TPK-R-1.5A	1.5A
TPK-R-1.6A	1.6A
TPK-R-2A	2A
TPK-R-2.5A	2.5A
TPK-R-3A	3A
TPK-R-3.15A	3.15A
TPK-R-3.5A	3.5A
TPK-R-4A	4A
TPK-R-5A	5A
TPK-R-6A	6A
TPK-R-6.3A	6.3A
TPK-R-7A	7A
TPK-R-8A	8A
TPK-R-9A	9A
TPK-R-10A	10A
TPK-R-12A	12A
TPK-R-15A	15A
TPK-R-16A	16A
TPK-R-20A	20A
TPK-R-25A	25A
TPK-R-30A	30A

**Mechanical Dimensions: Inches [mm]**



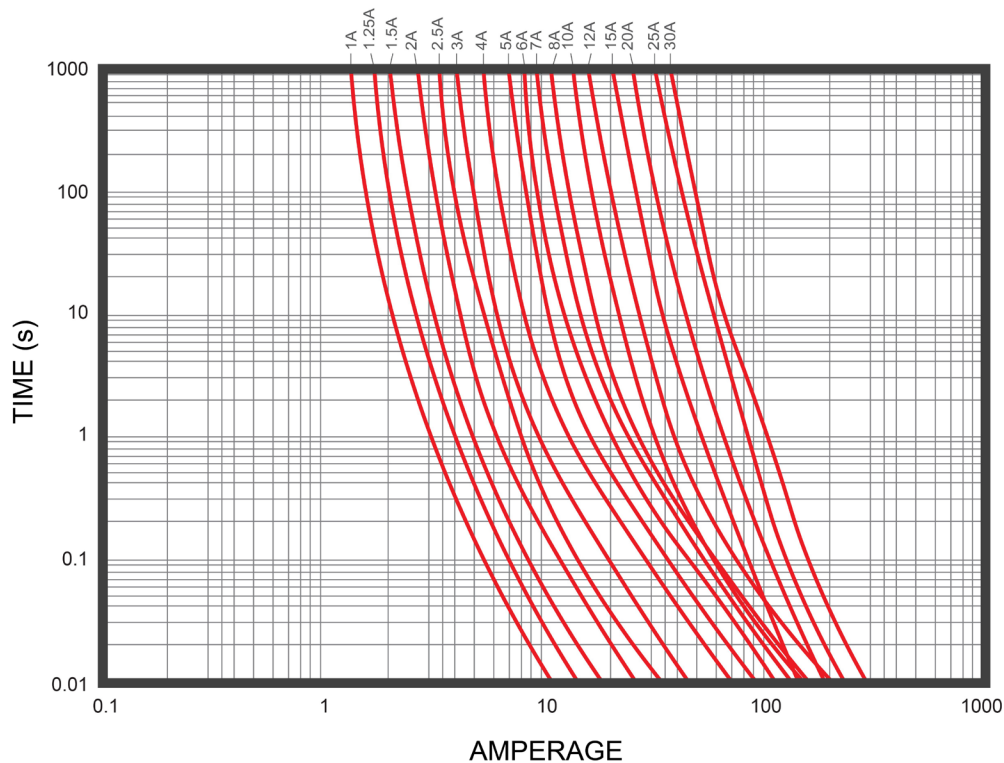
Blister Pack: Inches [mm]

Retail Pack Part Number Information

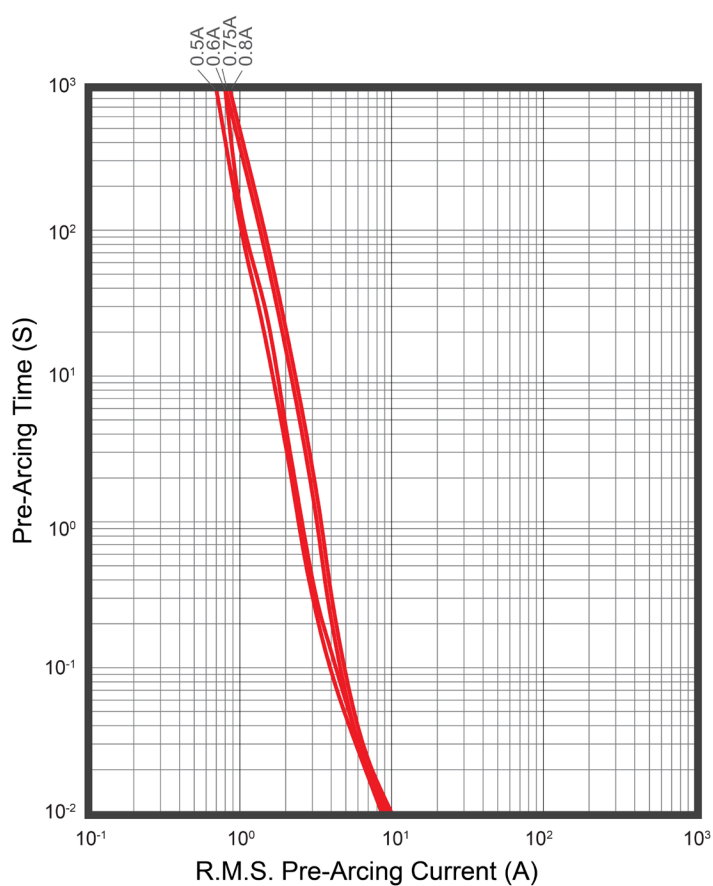
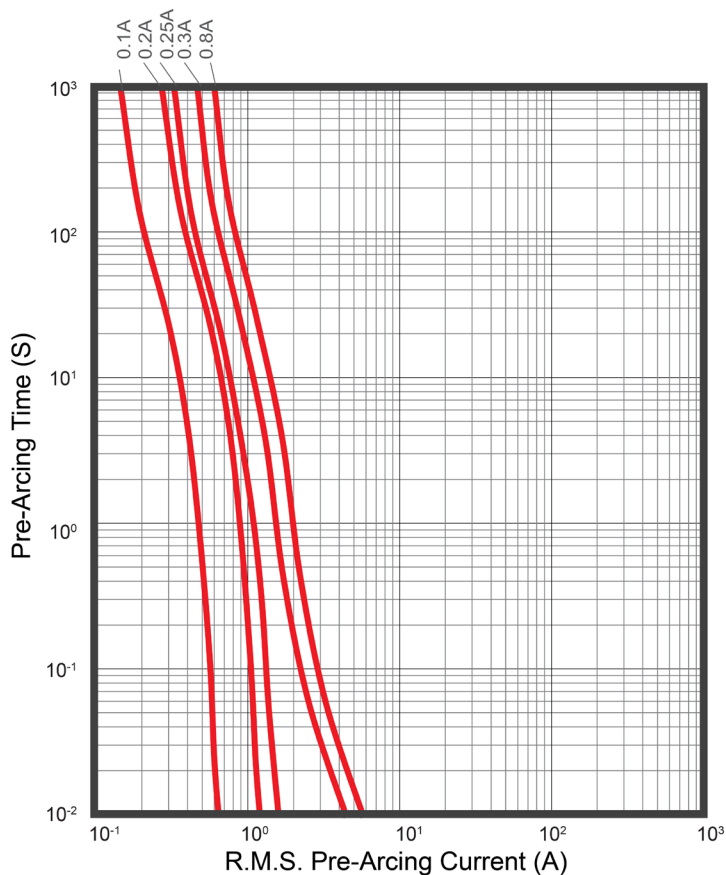


Ampere Rating	Retail Pack # Blister Card (1PCS)
1A	TPK-R-1A-BP
1.25A	TPK-R-1.25A-BP
1.5A	TPK-R-1.5A-BP
1.6A	TPK-R-1.6A-BP
2A	TPK-R-2A-BP
2.5A	TPK-R-2.5A-BP
3A	TPK-R-3A-BP
3.15A	TPK-R-3.15A-BP
3.5A	TPK-R-3.5A-BP
4A	TPK-R-4A-BP
5A	TPK-R-5A-BP
6A	TPK-R-6A-BP
6.3A	TPK-R-6.3A-BP
7A	TPK-R-7A-BP
8A	TPK-R-8A-BP
9A	TPK-R-9A-BP
10A	TPK-R-10A-BP
12A	TPK-R-12A-BP
15A	TPK-R-15A-BP
16A	TPK-R-16A-BP
20A	TPK-R-20A-BP
25A	TPK-R-25A-BP
30A	TPK-R-30A-BP

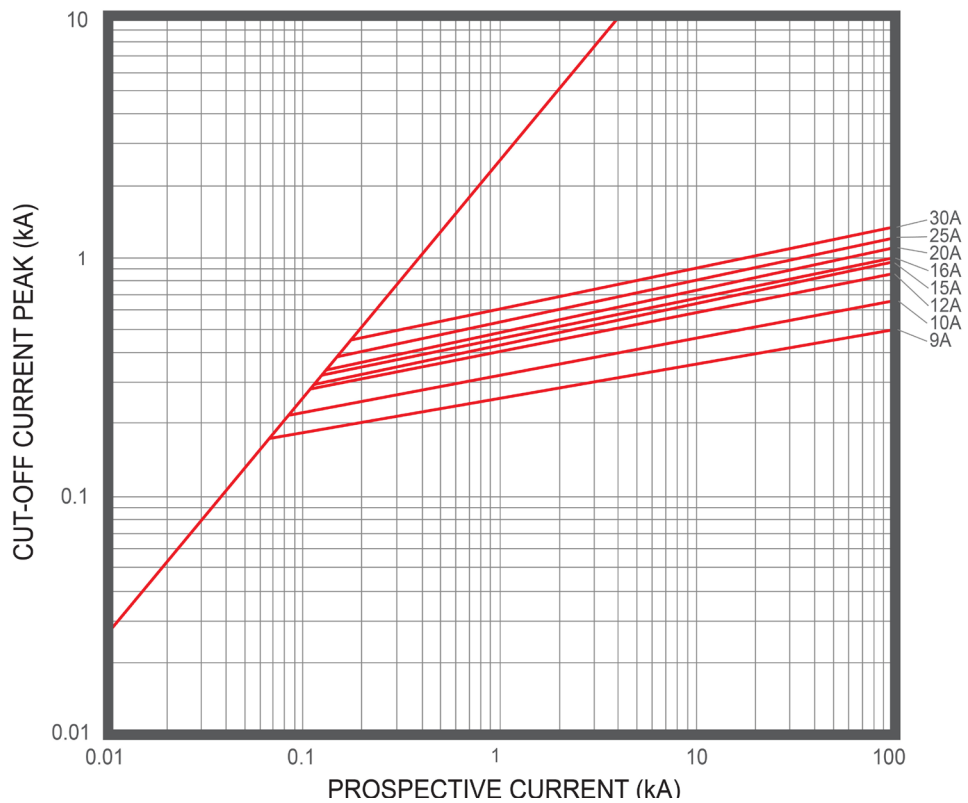
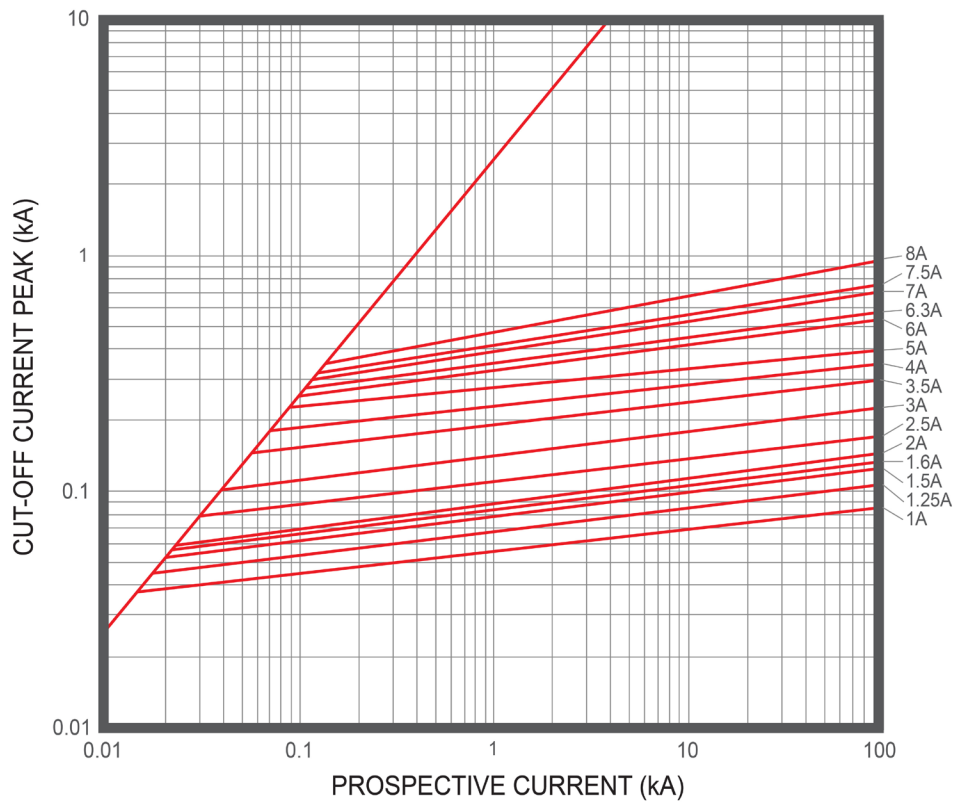
Time vs. Percent of Rated Current



% of Rated Current	Blowing Time
110%	15 minutes Min.
135%	1 hr Max.
200%	12s-240s



Peak Let-Thru Curve



Rev	Date of issue	Revision Notes	Designed	Approved
I	11-06-2025	Updated Retail Pack Number Information	RC	OF