

**Product Specifications**

**Part Numbers Information**

**Electrical Specifications**

600VAC – 1A - 30A  
 300VDC – 1A - 30A

**Standards**

1A-30A - Tested to UL 248-4 Standard. File E523284  
 1A-30A - Tested to CSA C22.2 No.248.4 Standard. File E523284



Branch-circuit Fuses

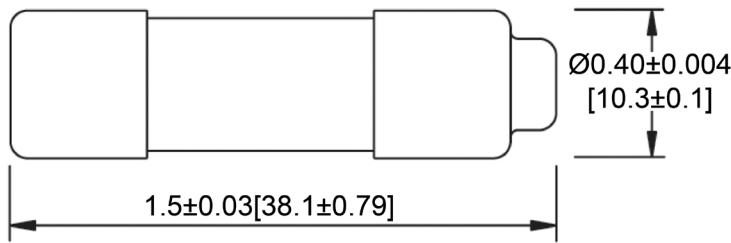
**Interrupting Rating**

200,000 amperes at 600V AC(1A-30A)  
 20,000 amperes at 300V DC(1A-30A)

**Operation Temperature**

-40°C to +90°C

**Mechanical Dimensions: Inches [mm]**

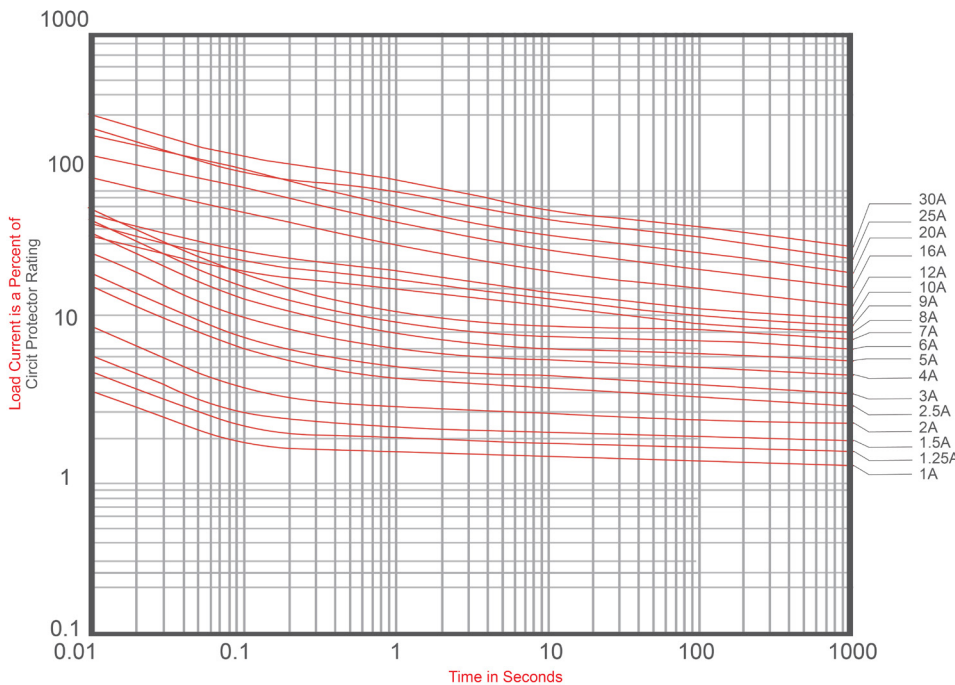


**Optifuse P/N**

**Current Rating**

FPK-R-1A	1A
FPK-R-1.25A	1.25A
FPK-R-1.5A	1.5A
FPK-R-1.6A	1.6A
FPK-R-2A	2A
FPK-R-2.5A	2.5A
FPK-R-3A	3A
FPK-R-3.15A	3.15A
FPK-R-3.5A	3.5A
FPK-R-4A	4A
FPK-R-5A	5A
FPK-R-6A	6A
FPK-R-6.3A	6.3A
FPK-R-7A	7A
FPK-R-8A	8A
FPK-R-9A	9A
FPK-R-10A	10A
FPK-R-12A	12A
FPK-R-15A	15A
FPK-R-16A	16A
FPK-R-20A	20A
FPK-R-25A	25A
FPK-R-30A	30A

**Time vs. Percent of Rated Current**



<b>% of Rated Current</b>	<b>Blowing Time</b>
100%	15 minutes Min.
153%	1 hr Max.
200%	4 minutes Max.

**Clearing I2T**

<b>Optifuse P/N</b>	<b>Current Rating</b>	<b>I2t(pre-arcing) A2s</b>	<b>I2t(fusing) A2s</b>
FPK-R-1A	1A	0.04	0.13
FPK-R-3A	3A	2.5	8.1
FPK-R-5A	5A	13	42
FPK-R-10A	10A	145	440
FPK-R-12A	12A	175	530
FPK-R-20A	20A	205	620

<b>Rev</b>	<b>Date of issue</b>	<b>Revision Notes</b>	<b>Designed</b>	<b>Approved</b>
B	08-30-2023	updated certification information	RC	OF