

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

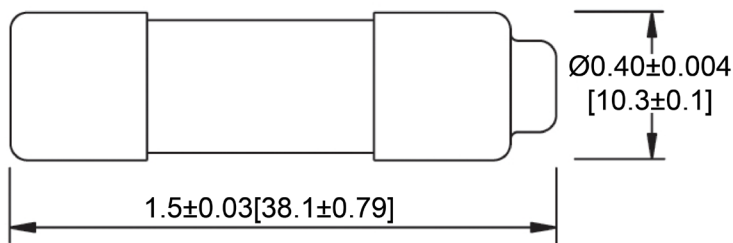
Interrupting Rating

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

Operation Temperature

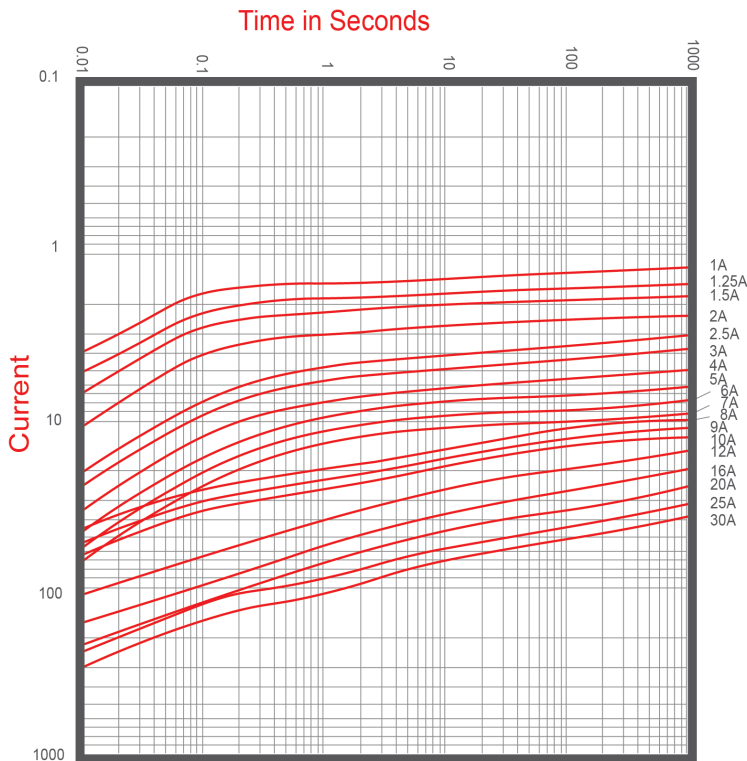
-40°C to +90°C

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



% of Rated Current	Blowing Time
100%	15 minuts Min.
135%	1 hr Max.
200%	4 minuts Max.

Clearing I2T

Optifuse P/N	Current Rating	I2t(pre-arcing) A2s	I2t(fusing) A2s
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

Rev	Date of issue	Revision Notes	Designed	Approved
C	10-12-2023	updated graph	RC	OF