Midget 10x38mm Fuses
FLQ Series

500 V ac • Time-Delay • 1/10–30 A



Description

The FLQ series 500 V fuses are designed to provide supplemental overcurrent protection of control power transformers, solenoids, and circuits with high in-rush currents. They also provide excellent supplemental protection of small motors. These time-delay fuses can carry an overload several times the normal load for a short period of time without blowing. The FLQ fuses are non-indicating and may be used with an indicating fuse block to identify a blown fuse. Note that UL and CSA 500 V ratings permit use on 480 V circuits.

Features & Benefits

FEATURES	BENEFITS
10x38 mm size	Common dimensions used in a variety of applications
Time-delay	Allows for temporary current surge for a short period of time without blowing
POWR-GARD® technology	Ensures quality backup overcurrent protection

Applications

- Control circuit transformers
- Solenoids
- Circuits with high in-rush currents
- Small motors

©2022 Littelfuse, Inc.
Specifications are subject to change without notice.
Revised: 11/03/2022

Midget 10x38mm Fuses
FLQ Series

Specifications

Voltage Rating	Ac: 500 V ac or less Dc: 300 V
Interrupting Ratings	Ac: 10 kA rms symmetrical Dc: 10 kA self-certified
Ampere Range	1/10–30 A
Applicable Standards	Ac: UL Listed (File: E10480) CSA Certified (File: LR29862) Dc: Littelfuse self-certified
Environmental	RoHS Compliant
Material	Body: Paper: 1/10 A–5 A Melamine: 5 6/10 A–30 A Caps: Copper Alloy (Nickel plated)
Country of Origin	Mexico

Certification & Compliance

UL	UL Listed (File: E10480)
CSA	CSA Certified (File: LR29862)
CE	EU_DOC-FLQ_210701
RoHS	RoHS 2 Directive 2011/65/EU; Directive (EU) 2015/863

Accessories

Littelfuse LPSM dead-front series fuse holder
Littelfuse L60030M open-face series fuse holder

Ordering Information

Ferrule Version

AMP RATING	VOLTAGE (V AC)	INTERRUPTING RATING (KA)		CATALOG NUMBER	PRODUCT MARKING	ORDERING NUMBER	UPC	AGENCY APPROVALS	
		AC	DC					UL	CSA
1/10	500	10	10	FLQ.100	FLQ 1/10 A	0FLQ.100T	07945816011	•	•
1/8	500	10	10	FLQ.125	FLQ 1/8 A	0FLQ.125T	07945816012	•	•
15/100	500	10	10	FLQ.150	FLQ 15/100 A	0FLQ.150T	07945816013	•	•
3/16	500	10	10	FLQ.187	FLQ 3/16 A	0FLQ.187T	07945816017	•	•
2/10	500	10	10	FLQ.200	FLQ 2/10 A	0FLQ.200T	07945816018	•	•
1/4	500	10	10	FLQ.250	FLQ 1/4 A	0FLQ.250T	07945816019	•	•
3/10	500	10	10	FLQ.300	FLQ 3/10 A	0FLQ.300T	07945800089	•	•
4/10	500	10	10	FLQ.400	FLQ 4/10 A	0FLQ.400T	07945816023	•	•
1/2	500	10	10	FLQ.500	FLQ 1/2 A	0FLQ.500T	07945816024	•	•
6/10	500	10	10	FLQ.600	FLQ 6/10 A	0FLQ.600T	07945800090	•	•
8/10	500	10	10	FLQ.800	FLQ 8/10 A	0FLQ.800T	07945800091	•	•
1	500	10	10	FLQ001	FLQ 1A	0FLQ001.T	07945816031	•	•
1 1/8	500	10	10	FLQ1.12	FLQ 1-1/8 A	0FLQ1.12T	07945816032	•	•
1 1/4	500	10	10	FLQ1.25	FLQ 1-1/4 A	0FLQ1.25T	07945816034	•	•

©2022 Littelfuse, Inc.
Specifications are subject to change without notice.
Revised: 11/03/2022

Ordering Information

Ferrule Version

AMP RATING	VOLTAGE (V AC)	INTERRUPTING RATING (KA)		CATALOG NUMBER	PRODUCT MARKING	ORDERING NUMBER	UPC	AGENCY APPROVALS	
		AC	DC					UL	CSA
1½	500	10	10	FLQ01.5	FLQ 1-½A	0FLQ01.5T	07945816037	•	•
1⅘	500	10	10	FLQ01.6	FLQ 1-⅘A	0FLQ01.6T	07945816038	•	•
2	500	10	10	FLQ002	FLQ 2A	0FLQ002.T	07945816041	•	•
2¼	500	10	10	FLQ2.25	FLQ 2-¼A	0FLQ2.25T	07945816042	•	•
2½	500	10	10	FLQ02.5	FLQ 2-½A	0FLQ02.5T	07945816043	•	•
3	500	10	10	FLQ003	FLQ 3A	0FLQ003.T	07945816047	•	•
3⅕	500	10	10	FLQ03.2	FLQ 3-⅕A	0FLQ03.2T	07945816049	•	•
3½	500	10	10	FLQ03.5	FLQ 3-½A	0FLQ03.5T	07945816051	•	•
4	500	10	10	FLQ004	FLQ 4A	0FLQ004.T	07945816053	•	•
4½	500	10	10	FLQ04.5	FLQ 4-½A	0FLQ04.5T	07945816054	•	•
5	500	10	10	FLQ005	FLQ 5A	0FLQ005.T	07945816055	•	•
5⅗	500	10	10	FLQ05.6	FLQ 5-⅗A	0FLQ05.6T	07945816056	•	•
6	500	10	10	FLQ006	FLQ 6A	0FLQ006.T	07945816058	•	•
6¼	500	10	10	FLQ6.25	FLQ 6-¼A	0FLQ6.25T	07945816059	•	•
7	500	10	10	FLQ007	FLQ 7A	0FLQ007.T	07945816061	•	•
8	500	10	10	FLQ008	FLQ 8A	0FLQ008.T	07945816063	•	•
9	500	10	10	FLQ009	FLQ 9A	0FLQ009.T	07945816064	•	•
10	500	10	10	FLQ010	FLQ 10A	0FLQ010.T	07945816065	•	•
12	500	10	10	FLQ012	FLQ 12A	0FLQ012.T	07945816066	•	•
14	500	10	10	FLQ014	FLQ 14A	0FLQ014.T	07945816067	•	•
15	500	10	10	FLQ015	FLQ 15A	0FLQ015.T	07945816068	•	•
20	500	10	10	FLQ020	FLQ 20A	0FLQ020.T	07945816071	•	•
25	500	10	10	FLQ025	FLQ 25A	0FLQ025.T	07945816072	•	•
30	500	10	10	FLQ030	FLQ 30A	0FLQ030.T	07945816073	•	•

Ordering Information

PCB Mount 1-Tab Version

AMP RATING	VOLTAGE (V AC)	INTERRUPTING RATING (KA)		CATALOG NUMBER	PRODUCT MARKING	ORDERING NUMBER	UPC	AGENCY APPROVALS	
		AC	DC					UL	CSA
15⁄100	500	10	10	FLQ.150R	FLQ 15⁄100A-R	0FLQ.150HXR	07945894950	•	•
3⁄16	500	10	10	FLQ.187R	FLQ 3⁄16A-R	0FLQ.187HXR	07945894951	•	•
2⁄10	500	10	10	FLQ.200R	FLQ 2⁄10A-R	0FLQ.200HXR	07945894952	•	•
¼	500	10	10	FLQ.250R	FLQ ¼A-R	0FLQ.250HXR	07945894953	•	•
3⁄10	500	10	10	FLQ.300R	FLQ 3⁄10A-R	0FLQ.300HXR	07945894954	•	•
4⁄10	500	10	10	FLQ.400R	FLQ 4⁄10A-R	0FLQ.400HXR	07945894955	•	•
½	500	10	10	FLQ.500R	FLQ ½A-R	0FLQ.500HXR	07945894956	•	•
6⁄10	500	10	10	FLQ.600R	FLQ 6⁄10A-R	0FLQ.600HXR	07945894957	•	•
8⁄10	500	10	10	FLQ.800R	FLQ 8⁄10A-R	0FLQ.800HXR	07945894958	•	•

©2022 Littelfuse, Inc.
Specifications are subject to change without notice.

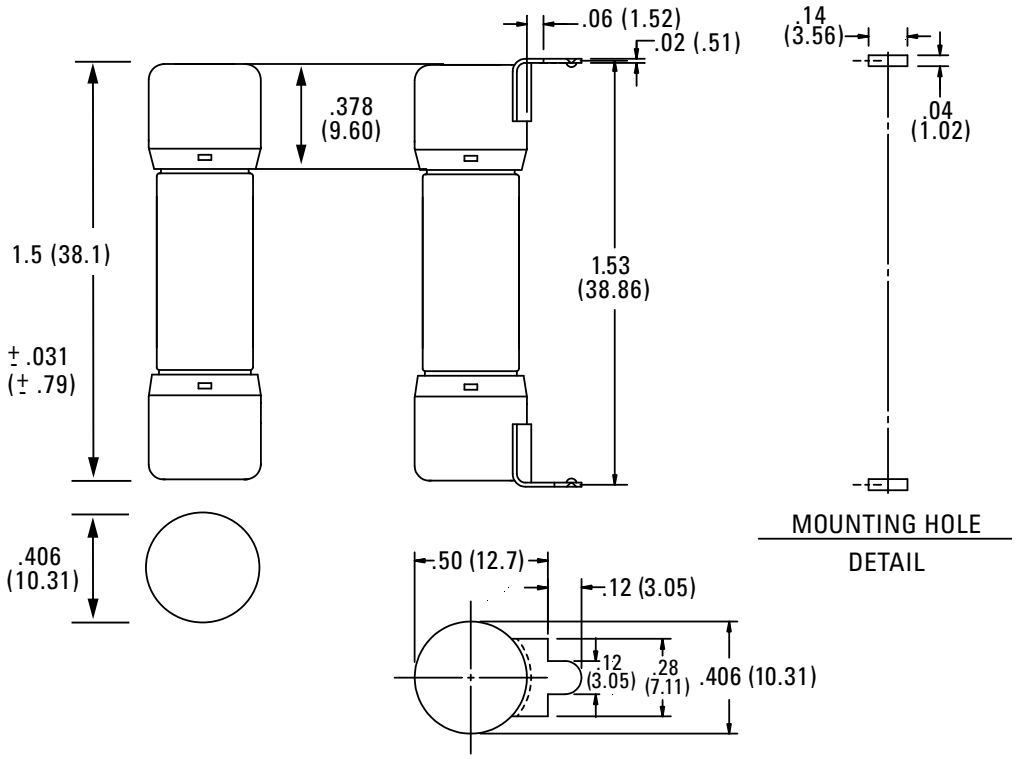
Ordering Information

PCB Mount 1-Tab Version

AMP RATING	VOLTAGE (V AC)	INTERRUPTING RATING (KA)		CATALOG NUMBER	PRODUCT MARKING	ORDERING NUMBER	UPC	AGENCY APPROVALS	
		AC	DC					UL	CSA
1	500	10	10	FLQ001R	FLQ 1A-R	0FLQ001.HXR	07945894959	•	•
1 1/8	500	10	10	FLQ1.12R	FLQ 1 1/8 A-R	0FLQ1.12HXR	07945894981	•	•
1 1/4	500	10	10	FLQ1.25R	FLQ 1 1/4 A-R	0FLQ1.25HXR	07945894982	•	•
1 1/2	500	10	10	FLQ01.5R	FLQ 1 1/2 A-R	0FLQ01.5HXR	07945894967	•	•
1 9/10	500	10	10	FLQ01.6R	FLQ 1 9/10 A-R	0FLQ01.6HXR	07945894968	•	•
2	500	10	10	FLQ002R	FLQ 2A-R	0FLQ002.HXR	07945894960	•	•
2 1/4	500	10	10	FLQ2.25R	FLQ 2-1/4 A-R	0FLQ2.25HXR	07945894983	•	•
2 1/2	500	10	10	FLQ02.5R	FLQ 2 1/2 A-R	0FLQ02.5HXR	07945894973	•	•
3	500	10	10	FLQ003R	FLQ 3A-R	0FLQ003.HXR	07945894961	•	•
3 7/10	500	10	10	FLQ03.2R	FLQ 3 7/10 A-R	0FLQ03.2HXR	07945894976	•	•
3 1/2	500	10	10	FLQ03.5R	FLQ 3 1/2 A-R	0FLQ03.5HXR	07945894977	•	•
4	500	10	10	FLQ004R	FLQ 4A-R	0FLQ004.HXR	07945894962	•	•
4 1/2	500	10	10	FLQ04.5R	FLQ 4 1/2 A-R	0FLQ04.5HXR	07945894979	•	•
5	500	10	10	FLQ005R	FLQ 5A-R	0FLQ005.HXR	07945894963	•	•
5 9/10	500	10	10	FLQ05.6R	FLQ 5 9/10 A-R	0FLQ05.6HXR	07945894980	•	•
6 1/4	500	10	10	FLQ6.25R	FLQ 6 1/4 A-R	0FLQ6.25HXR	07945894984	•	•
7	500	10	10	FLQ007R	FLQ 7A-R	0FLQ007.HXR	07945894964	•	•
8	500	10	10	FLQ008R	FLQ 8A-R	0FLQ008.HXR	07945894965	•	•
9	500	10	10	FLQ009R	FLQ 9A-R	0FLQ009.HXR	07945894966	•	•
10	500	10	10	FLQ010R	FLQ 10A-R	0FLQ010.HXR	07945894969	•	•
12	500	10	10	FLQ012R	FLQ 12A-R	0FLQ012.HXR	07945807768	•	•
14	500	10	10	FLQ014R	FLQ 14A-R	0FLQ014.HXR	07945894971	•	•
15	500	10	10	FLQ015R	FLQ 15A-R	0FLQ015.HXR	07945894972	•	•
20	500	10	10	FLQ020R	FLQ 20A-R	0FLQ020.HXR	07945894974	•	•
25	500	10	10	FLQ025R	FLQ 25A-R	0FLQ025.HXR	07945894975	•	•
30	500	10	10	FLQ030R	FLQ 30A-R	0FLQ030.HXR	07945894978	•	•

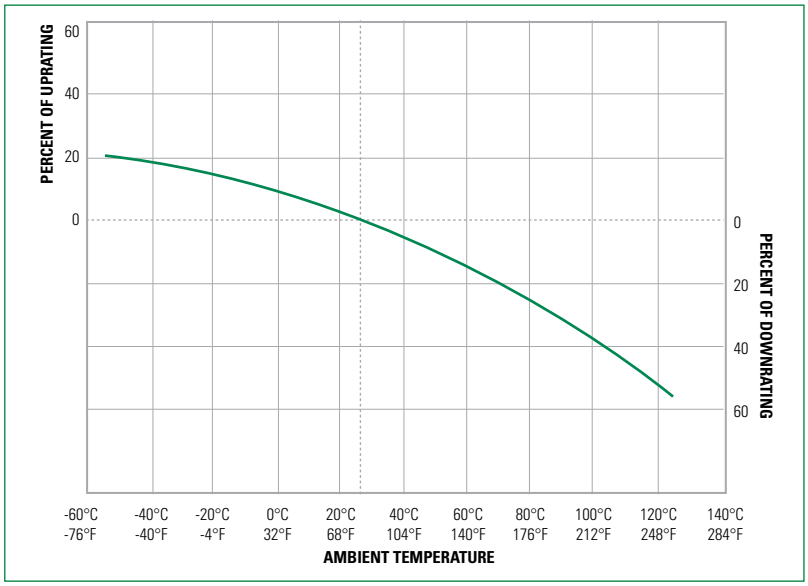
©2022 Littelfuse, Inc.
Specifications are subject to change without notice.

Dimensions Millimeters (inches)



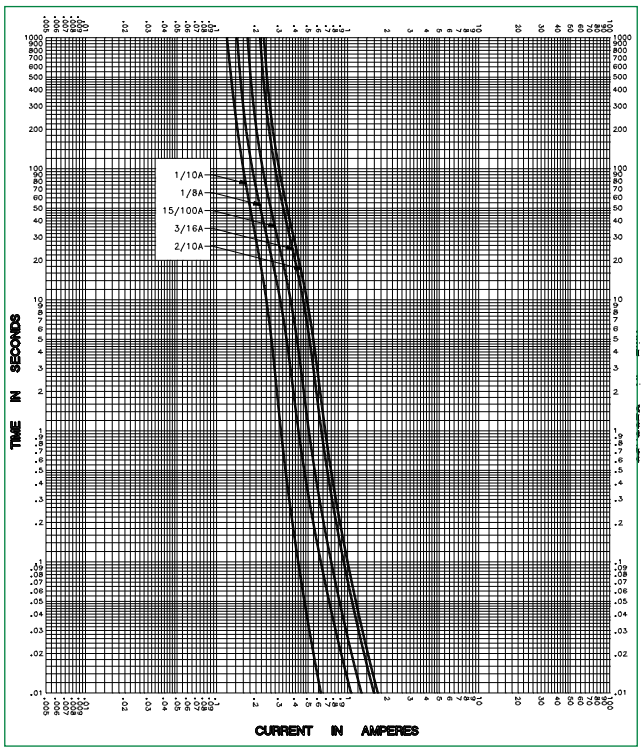
Temperature Rerating Curve

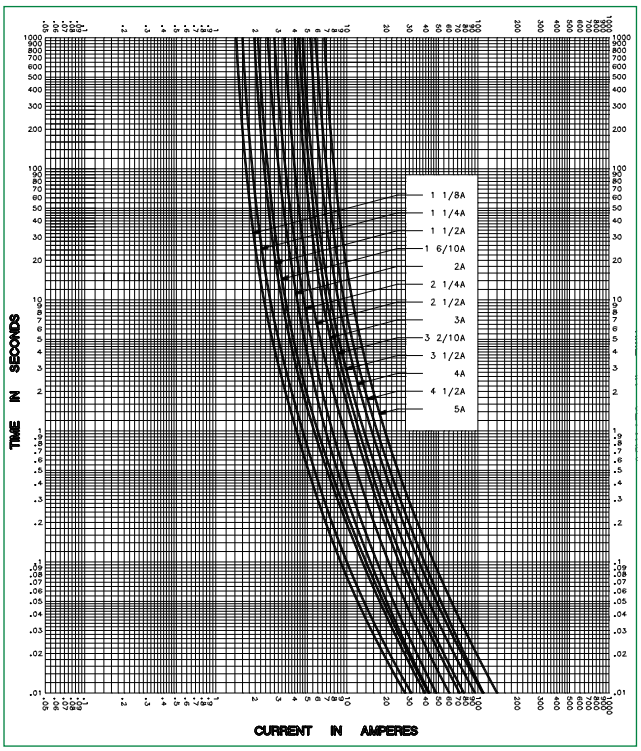
Ambient temperature: temperature of air immediately surrounding fuse

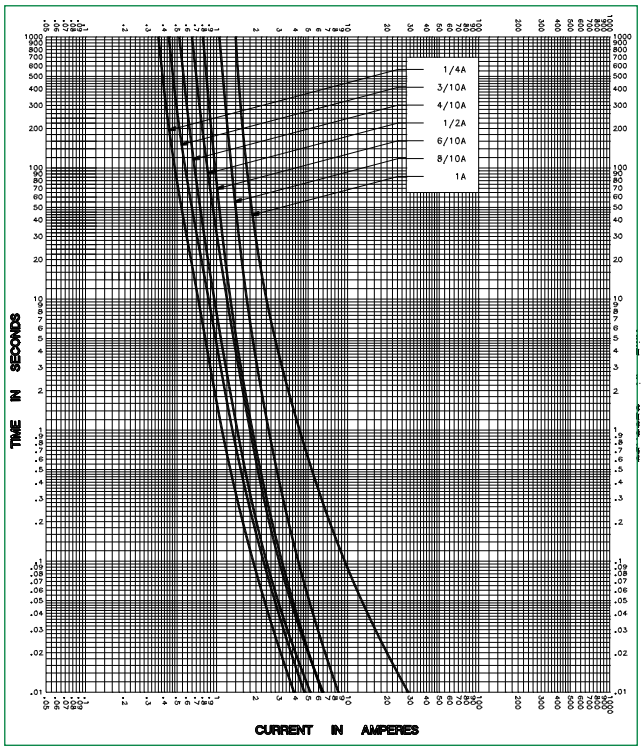


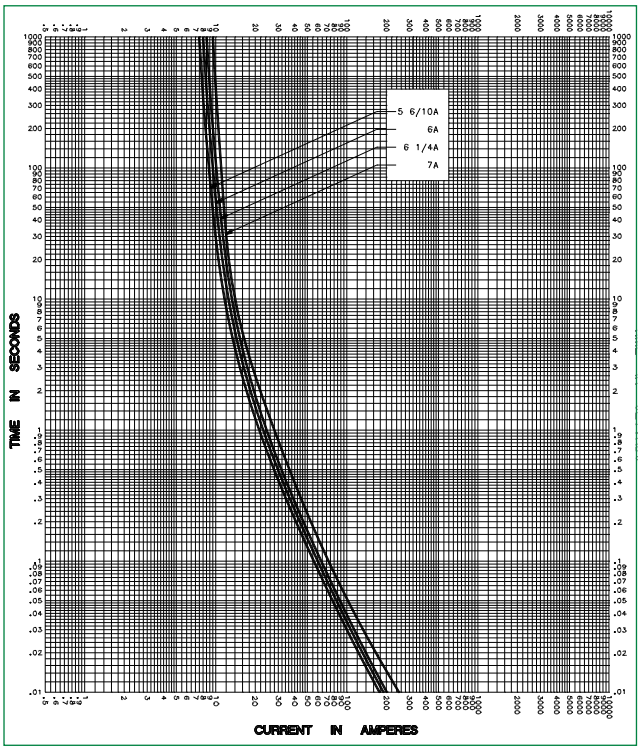
©2022 Littelfuse, Inc.
Specifications are subject to change without notice.
Revised: 11/03/2022

Time Current Curves



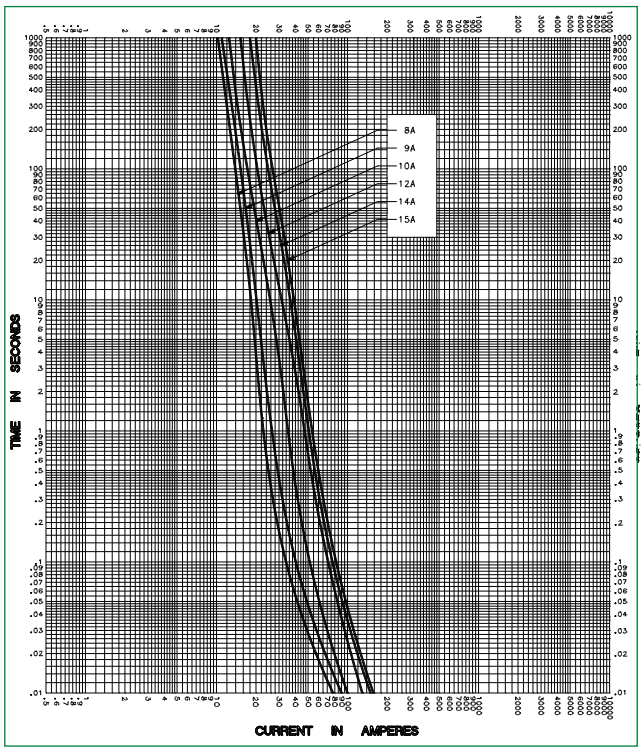


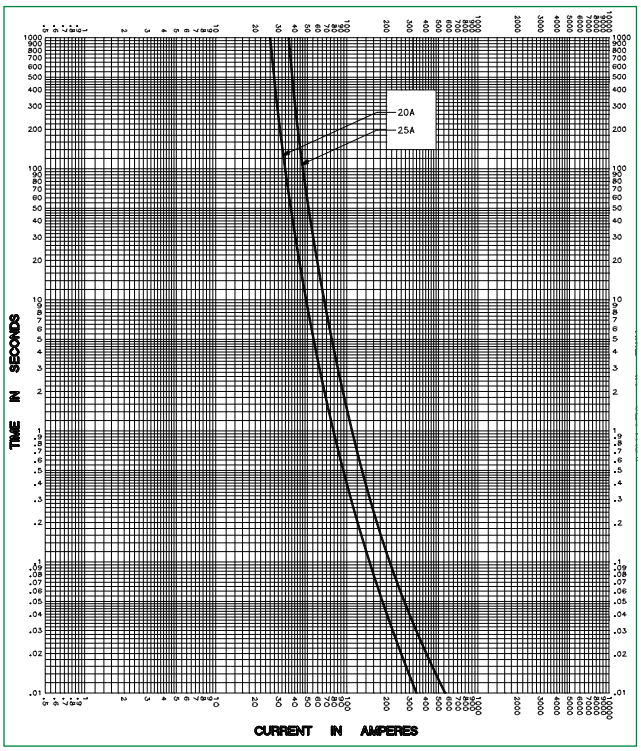


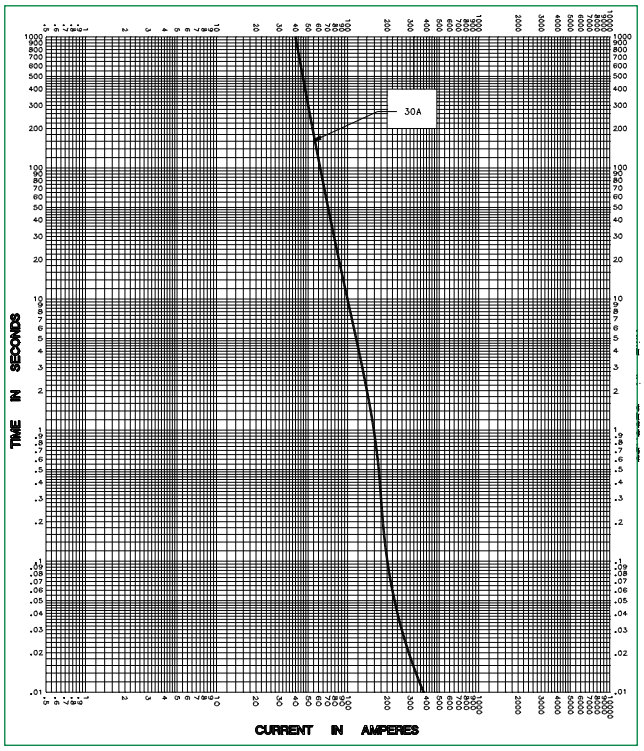


©2022 Littelfuse, Inc.
Specifications are subject to change without notice.

Time Current Curves







Disclaimer Notice – Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability of and test each product selected for their own applications. Littelfuse products are not designed for, and may not be used in, all applications. Read complete Disclaimer Notice at **www.littelfuse.com/product-disclaimer.**

©2022 Littelfuse, Inc.
Specifications are subject to change without notice.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Littelfuse:

0FLQ02.5T 0FLQ003.T 0FLQ025.T 0FLQ.187T 0FLQ.300T 0FLQ005.T 0FLQ6.25T 0FLQ03.5T 0FLQ007.T 0FLQ002.T 0FLQ006.T 0FLQ.400T 0FLQ.600T 0FLQ.100T 0FLQ.150T 0FLQ012.T 0FLQ001.T 0FLQ01.5T 0FLQ015.T FLQ.600 0FLQ.200T 0FLQ020.T 0FLQ008.T FLQ.250 0FLQ01.6T 0FLQ009.T 0FLQ1.25T 0FLQ05.6T 0FLQ04.5T 0FLQ2.25T 0FLQ.125T 0FLQ010.T 0FLQ030.T 0FLQ1.12T 0FLQ.250T 0FLQ03.2T 0FLQ014.T 0FLQ004.T 0FLQ.500T 0FLQ.800T 0FLQ01.6HXR 0FLQ008.HXR 0FLQ.400HXR 0FLQ04.5HXR 0FLQ.187HXR 0FLQ.800HXR 0FLQ03.2HXR 0FLQ1.25HXR 0FLQ003.HXR 0FLQ.150HXR 0FLQ009.HXR 0FLQ.600HXR 0FLQ005.HXR 0FLQ05.6HXR 0FLQ002.HXR 0FLQ020.HXR 0FLQ03.5HXR 0FLQ2.25HXR 0FLQ012.HXR 0FLQ.250HXR 0FLQ.500HXR 0FLQ010.HXR 0FLQ02.5HXR 0FLQ.200HXR 0FLQ015.HXR 0FLQ025.HXR 0FLQ.300HXR 0FLQ01.5HXR 0FLQ014.HXR 0FLQ6.25HXR 0FLQ007.HXR 0FLQ030.HXR 0FLQ1.12HXR 0FLQ001.HXR 0FLQ004.HXR 0FLQ.500H 0FLQ002.H 0FLQ005.H 0FLQ006.H 0FLQ010.H 0FLQ015.H 0FLQ02.5H 0FLQ03.2H