Littelfuse
Expertise Applied | Answers Delivered

FLQ SERIES MIDGET (10x38mm) FUSES

500 Vac • Time-Delay • 1/10-30 A



Description

The FLQ series 500 Vac time-delay fuses provide excellent supplemental protection of control power transformers, solenoids, and circuits with high inrush currents.

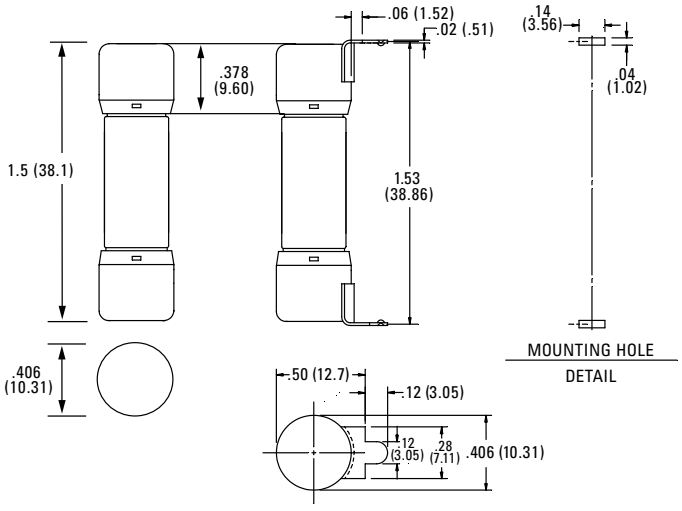
Features/Benefits

- Ideal for 480 Vac systems
- Time-Delay

Applications

- Control power transformers
- Solenoids
- Circuits with high inrush current

Dimensions Inches (mm)



Specifications

Voltage Rating	AC: 500 Vac or less DC: 300 V
Amperage Rating	1/10 – 30 A
Interrupting Rating	AC: 10 kA rms symmetrical DC: 10 kA self-certified
Approvals	AC: UL Listed (File: E10480) CSA Certified (File: LR29862) DC: Littelfuse self-certified
Environmental	RoHS Compliant
Material:	Body: Paper: 1/10A-5A Melamine 5-6/10A-30A Caps: Copper Alloy (Nickel plated)
Country of Origin	Mexico

Ordering Information

AMPERAGE RATINGS						
1/10	3/10	1 1/8	2 1/2	5	9	25
1/8	4/10	1 1/4	3	5 6/10	10	30
15/100	1/2	1 1/2	3 2/10	6	12	—
3/16	6/10	1 6/10	3 1/2	6 1/4	14	—
2/10	8/10	2	4	7	15	—
1/4	1	2 1/4	4 1/2	8	20	—

Part Numbering System

FLQ xxx H XR

Series

Amp Code
Refer to Amp Code in Ordering Information Table: Page 2

Mounting Options
Blank = Ferrule
XR = PCB 1-tab
(100 pack only)

Package Quantity
T = 10
H = 100

SERIES	AMP	PACKAGE QUANTITY	MOUNTING METHOD	CATALOG NUMBER	ORDERING NUMBER
FLQ	1/10	10	FERRULE	FLQ.100	0FLQ.100T
FLQ	2	100	FERRULE	FLQ005	0FLQ002.H
FLQ	15	100	PCB 1-TAB	FLQ015R	0FLQ015.HXR

Note: additional ordering information on page 2

Recommended Fuse Holders

Littelfuse LFPSM Dead-Front Series
Littelfuse L60030M Open-Face Series

Web Resources

Download technical information: **littelfuse.com/flq**

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Ordering Information

Ferrule Version

AMP RATING	AMP CODE	VOLTAGE (VAC)	INTERRUPTING RATING (kA)		CATALOG NUMBER	ORDERING NUMBER	UPC	AGENCY APPROVALS	
			AC	DC				UL	CSA
1/10	.100	500	10	10	FLQ.100	0FLQ.100T	07945816011	•	•
1/8	.125	500	10	10	FLQ.125	0FLQ.125T	07945816012	•	•
15/100	.150	500	10	10	FLQ.150	0FLQ.150T	07945816013	•	•
3/16	.187	500	10	10	FLQ.187	0FLQ.187T	07945816017	•	•
2/10	.200	500	10	10	FLQ.200	0FLQ.200T	07945816018	•	•
1/4	.250	500	10	10	FLQ.250	0FLQ.250T	07945816019	•	•
3/10	.300	500	10	10	FLQ.300	0FLQ.300T	07945800089	•	•
4/10	.400	500	10	10	FLQ.400	0FLQ.400T	07945816023	•	•
1/2	.500	500	10	10	FLQ.500	0FLQ.500T	07945816024	•	•
6/10	.600	500	10	10	FLQ.600	0FLQ.600T	07945800090	•	•
8/10	.800	500	10	10	FLQ.800	0FLQ.800T	07945800091	•	•
1	001.	500	10	10	FLQ001.	0FLQ001.T	07945816031	•	•
1 1/8	1.12	500	10	10	FLQ1.12	0FLQ1.12T	07945816032	•	•
1 1/4	1.25	500	10	10	FLQ1.25	0FLQ1.25T	07945816034	•	•
1 1/2	01.5	500	10	10	FLQ01.5	0FLQ01.5T	07945816037	•	•
1 6/10	01.6	500	10	10	FLQ01.6	0FLQ01.6T	07945816038	•	•
2	002.	500	10	10	FLQ002.	0FLQ002.T	07945816041	•	•
2 1/4	2.25	500	10	10	FLQ2.25	0FLQ2.25T	07945816042	•	•
2 1/2	02.5	500	10	10	FLQ02.5	0FLQ02.5T	07945816043	•	•
3	003.	500	10	10	FLQ003.	0FLQ003.T	07945816047	•	•
3 2/10	03.2	500	10	10	FLQ03.2	0FLQ03.2T	07945816049	•	•
3 1/2	03.5	500	10	10	FLQ03.5	0FLQ03.5T	07945816051	•	•
4	004.	500	10	10	FLQ004.	0FLQ004.T	07945816053	•	•
4 1/2	04.5	500	10	10	FLQ04.5	0FLQ04.5T	07945816054	•	•
5	005.	500	10	10	FLQ005	0FLQ005.T	07945816055	•	•
5 6/10	05.6	500	10	10	FLQ05.6	0FLQ05.6T	07945816056	•	•
6	006.	500	10	10	FLQ006	0FLQ006.T	07945816058	•	•
6 1/4	6.25	500	10	10	FLQ6.25	0FLQ6.25T	07945816059	•	•
7	007.	500	10	10	FLQ007	0FLQ007.T	07945816061	•	•
8	008.	500	10	10	FLQ008	0FLQ008.T	07945816063	•	•
9	009.	500	10	10	FLQ009	0FLQ009.T	07945816064	•	•
10	010.	500	10	10	FLQ010	0FLQ010.T	07945816065	•	•
12	012.	500	10	10	FLQ012	0FLQ012.T	07945816066	•	•
14	014.	500	10	10	FLQ014	0FLQ014.T	07945816067	•	•
15	015.	500	10	10	FLQ015	0FLQ015.T	07945816068	•	•
20	020.	500	10	10	FLQ020	0FLQ020.T	07945816071	•	•
25	025.	500	10	10	FLQ025	0FLQ025.T	07945816072	•	•
30	030.	500	10	10	FLQ030	0FLQ030.T	07945816073	•	•

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Ordering Information

PCB Mount 1-Tab Version

AMP RATING	AMP CODE	VOLTAGE (VAC)	INTERRUPTING RATING (kA)		CATALOG NUMBER	ORDERING NUMBER	UPC	AGENCY APPROVALS	
			AC	DC				UR	CE
15/100	.150	500	10	10	FLQ.150R	0FLQ.150HXR	07945894950	•	•
3/16	.187	500	10	10	FLQ.187R	0FLQ.187HXR	07945894951	•	•
2/10	.200	500	10	10	FLQ.200R	0FLQ.200HXR	07945894952	•	•
1/4	.250	500	10	10	FLQ.250R	0FLQ.250HXR	07945894953	•	•
3/10	.300	500	10	10	FLQ.300R	0FLQ.300HXR	07945894954	•	•
4/10	.400	500	10	10	FLQ.400R	0FLQ.400HXR	07945894955	•	•
1/2	.500	500	10	10	FLQ.500R	0FLQ.500HXR	07945894956	•	•
6/10	.600	500	10	10	FLQ.600R	0FLQ.600HXR	07945894957	•	•
8/10	.800	500	10	10	FLQ.800R	0FLQ.800HXR	07945894958	•	•
1	001.	500	10	10	FLQ001R	0FLQ001.HXR	07945894959	•	•
1 1/8	1.12	500	10	10	FLQ1.12R	0FLQ1.12HXR	07945894981	•	•
1 1/4	1.25	500	10	10	FLQ1.25R	0FLQ1.25HXR	07945894982	•	•
1 1/2	01.5	500	10	10	FLQ01.5R	0FLQ01.5HXR	07945894967	•	•
1 6/10	01.6	500	10	10	FLQ01.6R	0FLQ01.6HXR	07945894968	•	•
2	002.	500	10	10	FLQ002R	0FLQ002.HXR	07945894960	•	•
2 1/4	2.25	500	10	10	FLQ2.25R	0FLQ2.25HXR	07945894983	•	•
2 1/2	02.5	500	10	10	FLQ02.5R	0FLQ02.5HXR	07945894973	•	•
3	003.	500	10	10	FLQ003R	0FLQ003.HXR	07945894961	•	•
3 2/10	03.2	500	10	10	FLQ03.2R	0FLQ03.2HXR	07945894976	•	•
3 1/2	03.5	500	10	10	FLQ03.5R	0FLQ03.5HXR	07945894977	•	•
4	004.	500	10	10	FLQ004R	0FLQ004.HXR	07945894962	•	•
4 1/2	04.5	500	10	10	FLQ04.5R	0FLQ04.5HXR	07945894979	•	•
5	005.	500	10	10	FLQ005R	0FLQ005.HXR	07945894963	•	•
5 6/10	05.6	500	10	10	FLQ05.6R	0FLQ05.6HXR	07945894980	•	•
6 1/4	6.25	500	10	10	FLQ6.25R	0FLQ6.25HXR	07945894984	•	•
7	007.	500	10	10	FLQ007R	0FLQ007.HXR	07945894964	•	•
8	008.	500	10	10	FLQ008R	0FLQ008.HXR	07945894965	•	•
9	009.	500	10	10	FLQ009R	0FLQ009.HXR	07945894966	•	•
10	010.	500	10	10	FLQ010R	0FLQ010.HXR	07945894969	•	•
12	012.	500	10	10	FLQ012R	0FLQ012.HXR	07945807768	•	•
14	014.	500	10	10	FLQ014R	0FLQ014.HXR	07945894971	•	•
15	015.	500	10	10	FLQ015R	0FLQ015.HXR	07945894972	•	•
20	020.	500	10	10	FLQ020R	0FLQ020.HXR	07945894974	•	•
25	025.	500	10	10	FLQ025R	0FLQ025.HXR	07945894975	•	•
30	030.	500	10	10	FLQ030R	0FLQ030.HXR	07945894978	•	•

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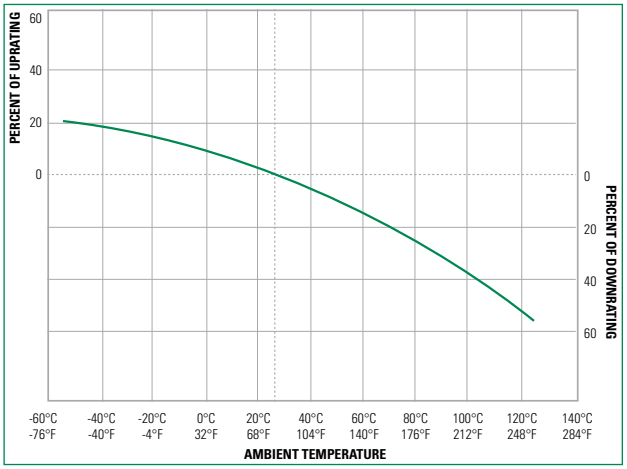
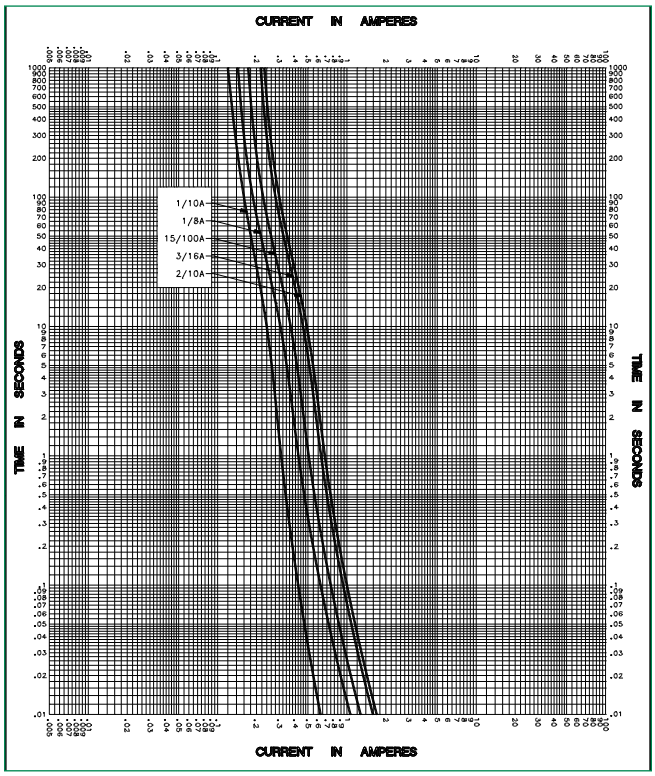
Temperature Rerating Curve
(Temperature of Air Immediately Surrounding Fuse)



Time Current Curves



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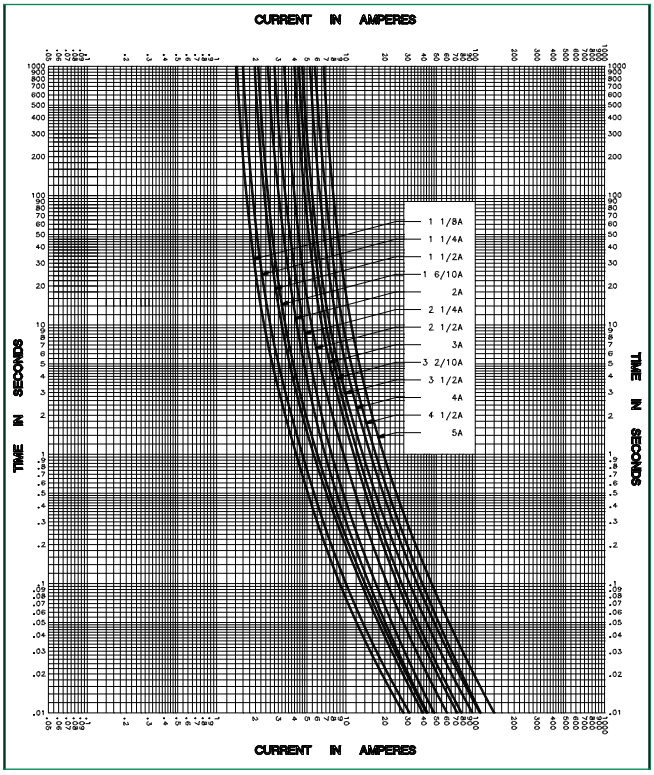

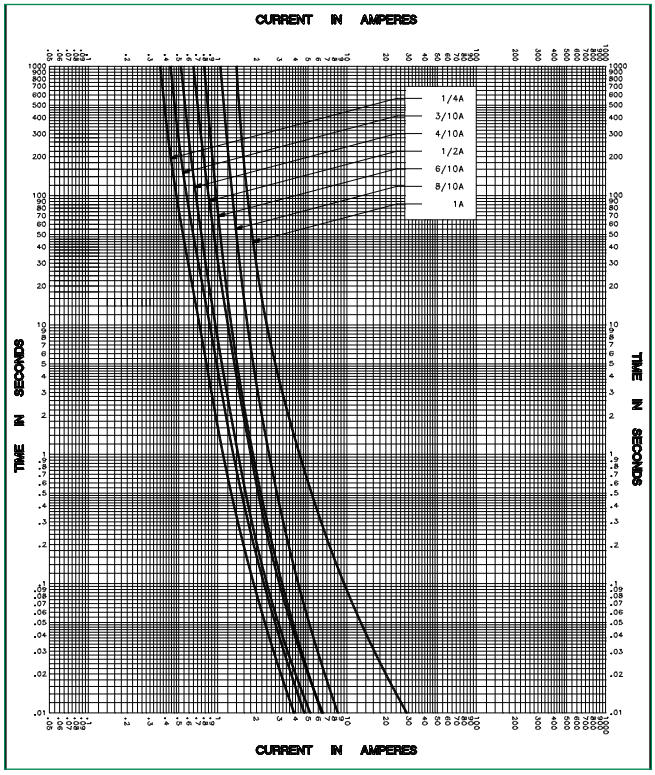

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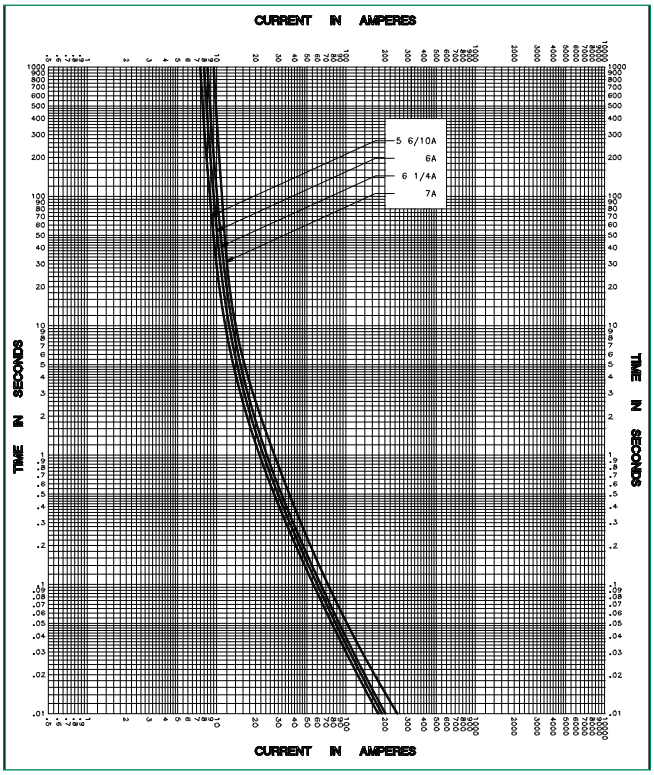
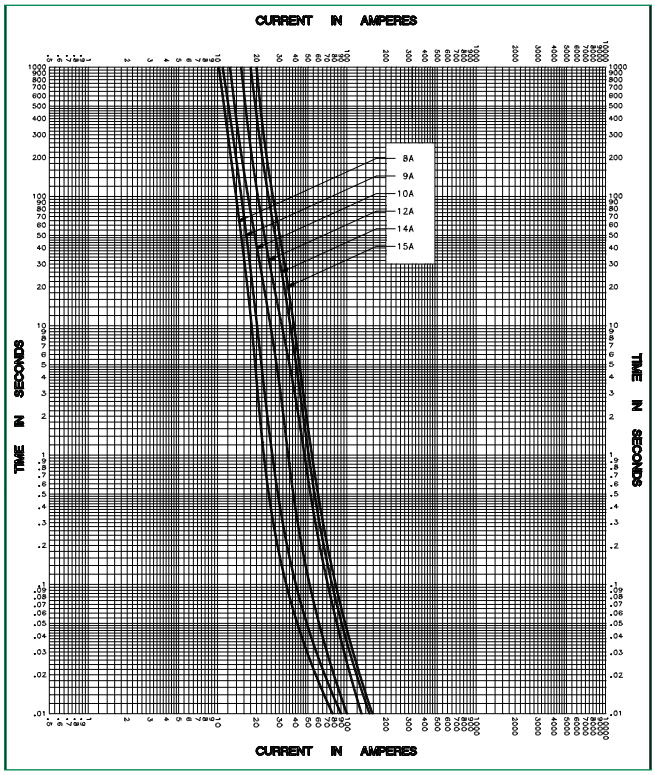
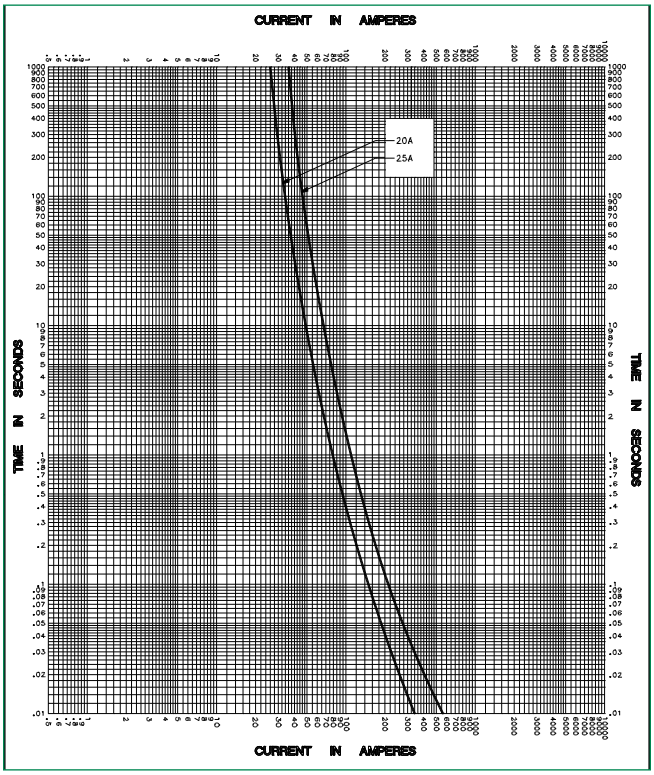
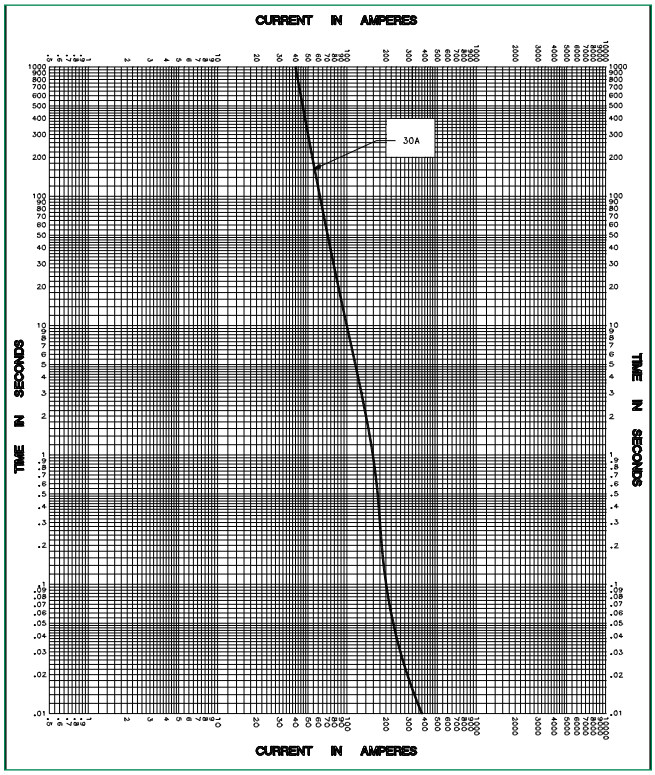
Time Current Curves









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