

CLASS CC KLKR SERIES FUSES

600 VAC • 300 VDC • Fast-Acting • 1/10-30 A



Description

KLKR Series Class CC fuses are fast-acting fuses intended for general purpose branch circuit protection. Their compact size, fast-acting overload response, and highly current-limiting design make them ideal for use in OEM equipment and control panels.

Features/Benefits

- Meets UL and CSA standards
- Class CC fuses are the smallest 600 V, 200,000 A.I.R. fuses approved for branch circuit protection
- Rejection feature prevents use of fuses with lower interrupting ratings or voltage ratings when used with corresponding fuse holders
- Extremely current limiting reduces damage caused by heating and magnetic effects of short-circuit currents

Applications

- General purpose protections for equipment requiring fast overload protection

Specifications

Voltage Rating	AC: 600 V DC: 300 V
Amperage Rating	1/10 – 30 A
Interrupting Rating	AC: 200 kA rms symmetrical DC: 20 kA
Material	Body: Melamine Caps: Nickel-plated Bronze
Fuse Weight	1/10 – 1 A: .030 lb (13.61g) 1 1/2 – 30 A: .034 lb (15.42g)
Approvals	AC: Standard 248-4, Class CC UL Listed 1/10-30 A (File: E81895) CSA Certified 1/10-30 A (File: LR29862) DC: Littelfuse self-certified
Environmental	RoHS Compliant
Country of Origin	Mexico

Ordering Information

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

AMPERAGE	PART NUMBER	ORDERING NUMBER
12	KLKR 12	KLKR012.T

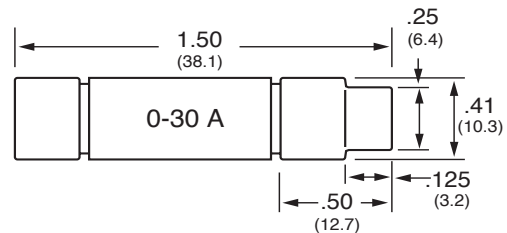
Web Resources

For additional informations, visit:
www.littelfuse.com/klkr

Recommended Fuse Holders

L60030C Series
LPSC Touch-Safe Series

Dimensions Inches (mm)

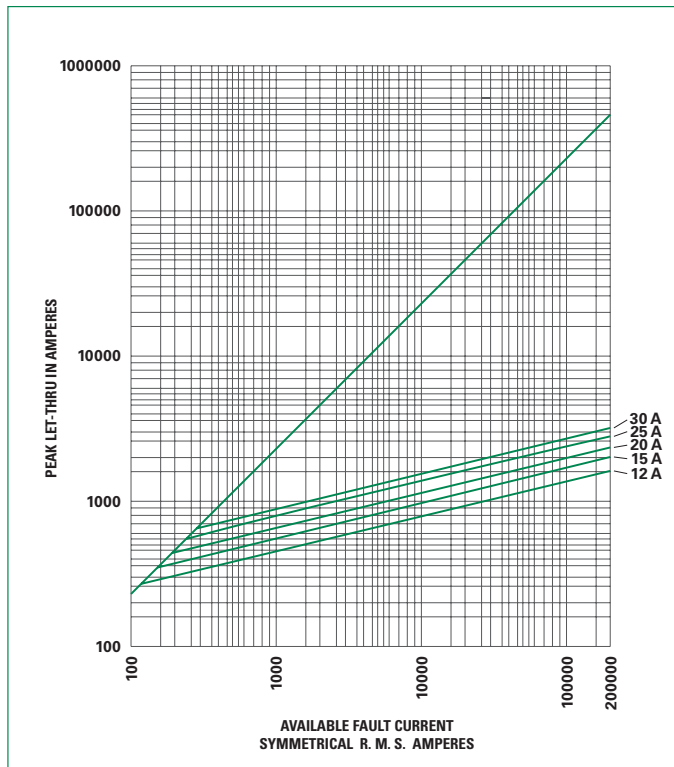


CLASS CC KLKR SERIES FUSES

Electrical Specifications

ORDERING NUMBER	AMPERAGE RATING	VOLTAGE RATING		INTERRUPTING RATING		WATTS LOSS AT 100% RATED CURRENT (W)	WATTS LOSS AT 80% RATED CURRENT (W)	TOTAL CLEARING I ² T (A ² SEC) 200 kA	AGENCY APPROVALS		RoHS
		AC	DC	AC	DC				UL	CSA	
KLKR001.T	1	600	300	200 kA	20 kA	0.38	0.20	80	•	•	•
KLKR006.T	6	600	300	200 kA	20 kA	1.36	0.77	210	•	•	•
KLKR012.T	12	600	300	200 kA	20 kA	1.58	0.83	350	•	•	•
KLKR015.T	15	600	300	200 kA	20 kA	2.3	1.37	314	•	•	•
KLKR020.T	20	600	300	200 kA	20 kA	2.3	1.39	900	•	•	•
KLKR030.T	30	600	300	200 kA	20 kA	3.75	2.10	1720	•	•	•

Peak Let-Thru Curve



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.

CLASS CC KLKR SERIES FUSES

600 VAC • 300 VDC • Fast-Acting • 1/10-30 A



Description

KLKR Series Class CC fuses are fast-acting fuses intended for general purpose branch circuit protection. Their compact size, fast-acting overload response, and highly current-limiting design make them ideal for use in OEM equipment and control panels.

Features/Benefits

- Meets UL and CSA standards
- Class CC fuses are the smallest 600 V, 200,000 A.I.R. fuses approved for branch circuit protection
- Rejection feature prevents use of fuses with lower interrupting ratings or voltage ratings when used with corresponding fuse holders
- Extremely current limiting reduces damage caused by heating and magnetic effects of short-circuit currents

Applications

- General purpose protections for equipment requiring fast overload protection

Specifications

Voltage Rating	AC: 600 V DC: 300 V
Amperage Rating	1/10 – 30 A
Interrupting Rating	AC: 200 kA rms symmetrical DC: 20 kA
Material	Body: Melamine Caps: Nickel-plated Bronze
Fuse Weight	1/10 – 1 A: .030 lb (13.61g) 1 1/2 – 30 A: .034 lb (15.42g)
Approvals	AC: Standard 248-4, Class CC UL Listed 1/10-30 A (File: E81895) CSA Certified 1/10-30 A (File: LR29862) DC: Littelfuse self-certified
Environmental	RoHS Compliant
Country of Origin	Mexico

Ordering Information

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

AMPERAGE	PART NUMBER	ORDERING NUMBER
12	KLKR 12	KLKR012.T

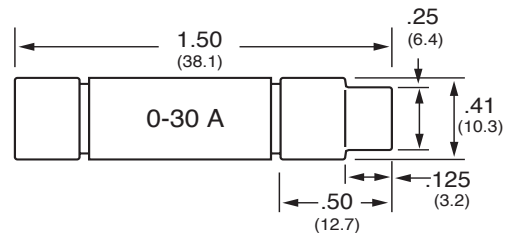
Web Resources

For additional informations, visit:
www.littelfuse.com/klkr

Recommended Fuse Holders

L60030C Series
LPSC Touch-Safe Series

Dimensions Inches (mm)

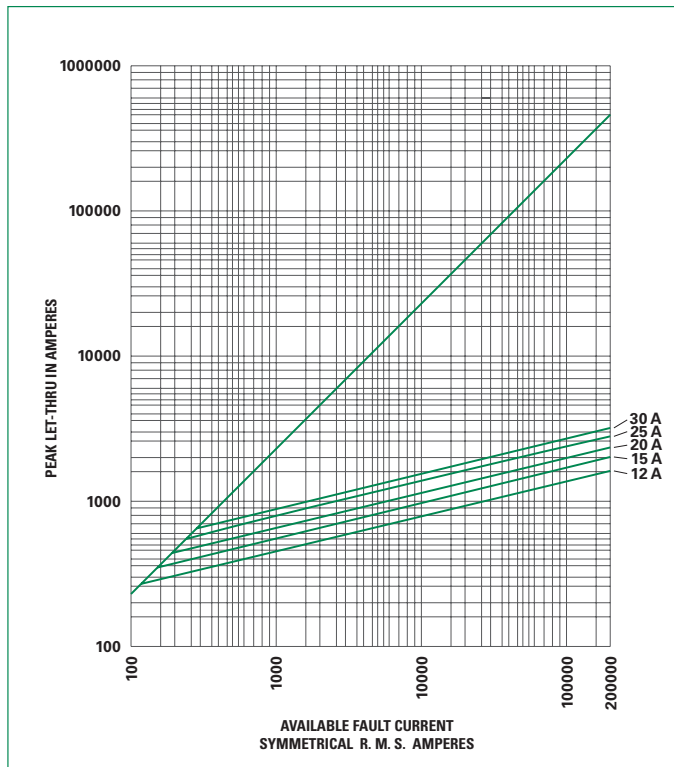


CLASS CC KLKR SERIES FUSES

Electrical Specifications

ORDERING NUMBER	AMPERAGE RATING	VOLTAGE RATING		INTERRUPTING RATING		WATTS LOSS AT 100% RATED CURRENT (W)	WATTS LOSS AT 80% RATED CURRENT (W)	TOTAL CLEARING I ² T (A ² SEC) 200 kA	AGENCY APPROVALS		RoHS
		AC	DC	AC	DC				UL	CSA	
KLKR001.T	1	600	300	200 kA	20 kA	0.38	0.20	80	•	•	•
KLKR006.T	6	600	300	200 kA	20 kA	1.36	0.77	210	•	•	•
KLKR012.T	12	600	300	200 kA	20 kA	1.58	0.83	350	•	•	•
KLKR015.T	15	600	300	200 kA	20 kA	2.3	1.37	314	•	•	•
KLKR020.T	20	600	300	200 kA	20 kA	2.3	1.39	900	•	•	•
KLKR030.T	30	600	300	200 kA	20 kA	3.75	2.10	1720	•	•	•

Peak Let-Thru Curve



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.