KLKD SERIES 10x38 FUSES

600 Vac/dc • 1/10-30 A • Fast Acting

Description

The KLKD fuse series is fast-acting with a high DC voltage rating. This family of Midget style fuses (10 x 38 mm) is used in solar combiner boxes and in circuits with DC fault currents up to 50,000 amperes. KLKD fuses are available in standard and board-mount configurations.

In addition, the KLKD series has been designed to meet both the UL and IEC photovoltaic fuse standards.

Littelfuse offers a wide range of ampere ratings to match specific requirements in a variety of applications.

Features/Benefits

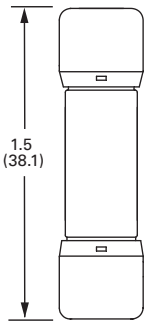
- Designed to UL and IEC photovoltaic specifications
- 1/10 - 30 A ratings available
- 50,000 A Interrupting Rating
- Available in ferrule or PCB mount options
- 1-5 A meets UL1741 GFDI requirements

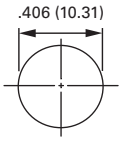
Applications

- Combiner boxes and Inverters
- Power supplies
- Desktop meters

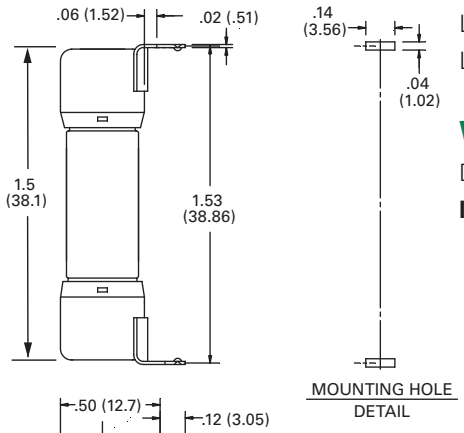
Dimensions Inches (mm)

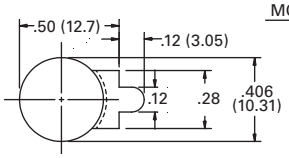
Ferrule Version





PCB 1-Tab





Specifications

Voltage Rating:	600 Vac/Vdc
Amperage Rating:	1/10, 1/8, 2/10, 1/4, 3/10, 1/2, 3/4, 1, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4, 5, 6, 7, 8, 9,10, 12, 15, 20, 25, 30
Interrupting Ratings:	AC: 100 kA 200 kA Littelfuse self-certified DC: 1/10-30: 10 kA (UL 248-19) 1/10-30: 50 kA (UL 248-14)
Material:	Body: Melamine / Caps: Copper Alloy
Operating Temperature:	See Rerating Curve
Approvals:	UL 248-19 Listed (File: E339112) IEC 60269-6 (2-25 A) VDE Certified (No. 40033094) UL 248-14 Listed (File: E10480) CSA Certified Ferrule only (File: LR29862)
Environmental:	RoHS Compliant
Country of Origin:	Mexico

Part Numbering System

KLKD xxx H XR

Series

Amp Code
Refer to Amp Code Column in Electrical Specifications Table

Mounting Options
Blank = Ferrule
XR* = PCB 1-tab

Package Quantity
T = 10
H = 100

SERIES	AMP	PACKAGE QUANTITY	MOUNTING METHOD	CATALOG NUMBER	ORDERING NUMBER
KLKD	1/8	10	FERRULE	KLKD 1/8	KLKD.125T
KLKD	5	100	FERRULE	KLKD 5	KLKD005.H
KLKD	15	100	PCB 1-TAB	KLKD 15-R	KLKD015.HXR

*Only available in 100 packs (H) and select ratings.

Recommended Fuse Holders

Littelfuse LFPSM and LPSM Dead-Front Series

Littelfuse L60030M Open-Face Series

Web Resources

Download CAD drawings and other technical information:

littelfuse.com/klkd

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KLKD SERIES 10x38 FUSES

Ordering Information

Ferrule Version

AMP RATING	AMP CODE	CATALOG NUMBER	ORDERING NUMBER	VOLTAGE	INTERRUPTING RATING (kA)		UPC	WEIGHT LB (G)	AGENCY APPROVALS		
				DC & AC	AC	DC			UL	VDE	CSA
1/10	.100	KLKD 1/10	KLKD.100T	600	100	50	07945810189	.013 (5.90)	•		•
1/8	.125	KLKD 1/8	KLKD.125T	600	100	50	07945810190	.013 (5.90)	•		•
2/10	.20	KLKD 2/10	KLKD.200T	600	100	50	07945810191	.013 (5.90)	•		•
1/4	.250	KLKD 1/4	KLKD.250T	600	100	50	07945810192	.013 (5.90)	•		•
3/10	.300	KLKD 3/10	KLKD.300T	600	100	50	07945810193	.013 (5.90)	•		•
1/2	.500	KLKD ½	KLKD.500T	600	100	50	07945810194	.013 (5.90)	•		•
3/4	.750	KLKD 3/4	KLKD.750T	600	100	50	07945810195	.013 (5.90)	•		•
1	001	KLKD 1	KLKD001.T	600	100	50	07945810196	.013 (5.90)	•		•
1 1/2	01.5	KLKD 1 1/2	KLKD01.5T	600	100	50	07945810197	.013 (5.90)	•		•
2	002	KLKD 2	KLKD002.T	600	100	50	07945810198	.017 (7.71)	•	•	•
2 1/2	02.5	KLKD 2 1/2	KLKD02.5T	600	100	50	07945810199	.017 (7.71)	•	•	•
3	003	KLKD 3	KLKD003.T	600	100	50	07945810200	.017 (7.71)	•	•	•
3 1/2	03.5	KLKD 3 1/2	KLKD03.5T	600	100	50	07945810214	.017 (7.71)	•	•	•
4	004	KLKD 4	KLKD004.T	600	100	50	07945810201	.017 (7.71)	•	•	•
5	005	KLKD 5	KLKD005.T	600	100	50	07945810202	.017 (7.71)	•	•	•
6	006	KLKD 6	KLKD006.T	600	100	50	07945810203	.017 (7.71)	•	•	•
7	007	KLKD 7	KLKD007.T	600	100	50	07945810204	.017 (7.71)	•	•	•
8	008	KLKD 8	KLKD008.T	600	100	50	07945810205	.017 (7.71)	•	•	•
9	009	KLKD 9	KLKD009.T	600	100	50	07945810215	.017 (7.71)	•	•	•
10	010	KLKD 10	KLKD010.T	600	100	50	07945810206	.017 (7.71)	•	•	•
12	012	KLKD 12	KLKD012.T	600	100	50	07945810207	.017 (7.71)	•	•	•
15	015	KLKD 15	KLKD015.T	600	100	50	07945810208	.017 (7.71)	•	•	•
20	020	KLKD 20	KLKD020.T	600	100	50	07945810209	.017 (7.71)	•	•	•
25	025	KLKD 25	KLKD025.T	600	100	50	07945810210	.017 (7.71)	•	•	•
30	030	KLKD 30	KLKD030.T	600	100	50	07945810211	.017 (7.71)	•		•

PCB 1-Tab Version

AMP RATING	AMP CODE	CATALOG NUMBER	ORDERING NUMBER	VOLTAGE RATING	INTERRUPTING RATING (kA)		UPC	APPROVALS	
				DC & AC	AC	DC		UL	CE
1/10	.100	KLKD 1/10-R	KLKD.100HXR	600	100	50	07945814857	•	•
1/2	.500	KLKD ½-R	KLKD.500HXR	600	100	50	07945814858	•	•
1	001	KLKD 1-R	KLKD001.HXR	600	100	50	07945812133	•	•
2	002	KLKD 2-R	KLKD002.HXR	600	100	50	07945894349	•	•
3	003	KLKD 3-R	KLKD003.HXR	600	100	50	07945818991	•	•
4	004	KLKD 4-R	KLKD004.HXR	600	100	50	07945811495	•	•
5	005	KLKD 5-R	KLKD005.HXR	600	100	50	07945814859	•	•
6	006	KLKD 6-R	KLKD006.HXR	600	100	50	07945894350	•	•
8	008	KLKD 8-R	KLKD008.HXR	600	100	50	07945894351	•	•
10	010	KLKD 10-R	KLKD010.HXR	600	100	50	07945814860	•	•
12	012	KLKD 12-R	KLKD012.HXR	600	100	50	07945894352	•	•
15	015	KLKD 15-R	KLKD015.HXR	600	100	50	07945894353	•	•
20	020	KLKD 20-R	KLKD020.HXR	600	100	50	07945894354	•	•
25	025	KLKD 25-R	KLKD025.HXR	600	100	50	07945894355	•	•
30	030	KLKD 30-R	KLKD030.HXR	600	100	50	07945894356	•	•

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