

阅读申明

- 1.本站收集的数据手册和产品资料都来自互联网，版权归原作者所有。如读者和版权方有任何异议请及时告之，我们将妥善解决。
- 2.本站提供的中文数据手册是英文数据手册的中文翻译，其目的是协助用户阅读，该译文无法自动跟随原稿更新，同时也可能存在翻译上的不当。建议读者以英文原稿为参考以便获得更精准的信息。
- 3.本站提供的产品资料，来自厂商的技术支持或者使用者的心得体会等，其内容可能存在描述上的差异，建议读者做出适当判断。
- 4.如需与我们联系，请发邮件到marketing@iczoom.com，主题请标有“数据手册”字样。

Read Statement

1. The datasheets and other product information on the site are all from network reference or other public materials, and the copyright belongs to the original author and original published source. If readers and copyright owners have any objections, please contact us and we will deal with it in a timely manner.
2. The Chinese datasheets provided on the website is a Chinese translation of the English datasheets. Its purpose is for reader's learning exchange only and do not involve commercial purposes. The translation cannot be automatically updated with the original manuscript, and there may also be improper translations. Readers are advised to use the English manuscript as a reference for more accurate information.
3. All product information provided on the website refer to solutions from manufacturers' technical support or users the contents may have differences in description, and readers are advised to take the original article as the standard.
4. If you have any questions, please contact us at marketing@iczoom.com and mark the subject with "Datasheets" .

CLASS L – KLPC SERIES FUSES

POWR-PRO® 600 VAC • Time-Delay • 200-6000 A



Description

KLPC series POWR-PRO® fuses meet or exceed the most stringent project specifications, including silver links, silver-plated copper end bells, glass-reinforced melamine bodies, O-ring seals between body and end bells, and granular quartz fillers.

Applications

- Switchboard mains and feeders
- Motor control center mains
- Large motor branch circuits
- Protection of power circuit breakers

Features/Benefits

- POWR-PRO® Performance
- Best-in-class time-delay withstand
- Current-Limiting
- Easily coordinated with other system components
- 300 kA AC Interrupting Rating (self-certified)

Specifications

Voltage Ratings	AC: 600 V DC: 480 V
Interrupting Ratings	AC: 200 kA rms symmetrical 300 kA rms symmetrical (Littelfuse self-certified) DC: 20,000 A 200 – 6000 A
Ampere Range Approvals	AC: Standard 248-10, Class L UL Listed 601–6000 A (File: E81895) UL Recognized 200–600 A (File: E71611) CSA Certified 200–6000 A (File: LR29862) Federal Specifications 700–6000 A (QPL-W-F-1814) DC: Littelfuse self-certified

Ordering Information

AMPERE RATINGS					
200	500	800	1350	2000	3000
250	600	900	1400	2100	3500
300	601	1000	1500	2200	4000
350	650	1100	1600	2300	4500
400	700	1200	1800	2400	5000
450	750	1300	1900	2500	6000

SERIES	AMPERAGE	CATALOG NUMBER	ORDERING NUMBER
KLPC	800	KLPC800	KLPC800.X

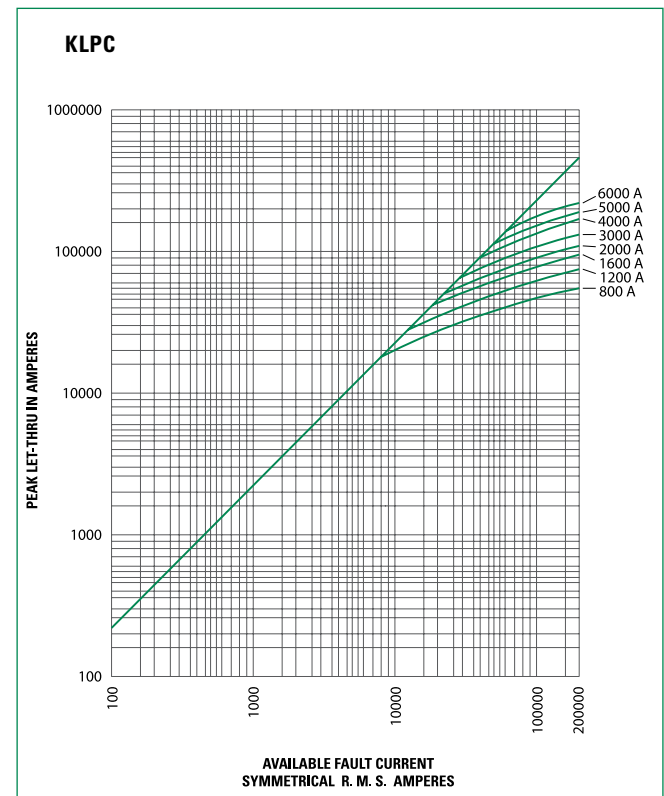
Web Resources

TC Curves, downloadable CAD drawings and other technical information: www.littelfuse.com/klpc

Dimensions

Please refer to Class L dimensions page 2.

Peak Let-Thru Curve



Note: For more information, see Peak Let-Thru Table

CLASS L – KLPC SERIES FUSES

Current-Limiting Effects of KLPC (600 V) Fuses

SHORT CIRCUIT CURRENT*	APPARENT RMS SYMMETRICAL CURRENT FOR VARIOUS FUSE RATINGS							
	800 A	1200 A	1600 A	2000 A	3000 A	4000 A	5000 A	6000 A
5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
10,000	8,800	10,000	10,000	10,000	10,000	10,000	10,000	10,000
15,000	10,500	13,500	15,000	15,000	15,000	15,000	15,000	15,000
20,000	12,000	15,000	19,000	20,000	20,000	20,000	20,000	20,000
25,000	13,000	16,000	21,000	24,000	25,000	25,000	25,000	25,000
30,000	14,000	18,000	23,000	26,000	30,000	30,000	30,000	30,000
35,000	15,000	19,000	24,000	27,000	32,000	35,000	35,000	35,000
40,000	16,000	20,000	25,000	28,000	34,000	40,000	40,000	40,000
50,000	17,000	22,000	27,000	31,000	37,000	42,500	50,000	50,000
60,000	18,000	24,000	29,000	34,000	40,000	46,000	52,000	60,000
80,000	20,000	26,000	32,000	37,000	44,000	51,000	57,000	70,000
100,000	21,000	27,000	34,000	40,000	46,000	57,000	65,000	75,000
150,000	23,000	31,000	38,000	44,000	54,000	67,000	75,000	87,000
200,000	24,000	34,000	42,000	46,000	57,000	70,000	80,000	95,000

*Prospective RMS Symmetrical Amperes Short-Circuit Current • Note: Data derived from Peak Let-Thru Curves

Dimensions

AMPERES	FIG. NO.	DIMENSIONS INCHES (mm)												
		A	B	C	D	E	F	G	H	J	K	L	M	N
200-800	1	3 ³ / ₄ (95.3)	5 ³ / ₄ (146.1)	6 ³ / ₄ (171.5)	—	—	8 ⁵ / ₈ (219.1)	—	—	2 (50.8)	2 ¹ / ₂ (63.5)	3 ³ / ₈ (9.5)	5 ⁵ / ₈ x 1 ¹ / ₈ (15.9) x (28.6)	—
900-1200	2	3 ³ / ₄ (95.3)	5 ³ / ₄ (146.1)	6 ³ / ₄ (171.5)	9 ¹ / ₄ (235.0)	9 ¹ / ₂ (241.3)	10 ³ / ₄ (273.1)	—	—	2 (50.8)	2 ¹ / ₂ (63.5)	3 ³ / ₈ (9.5)	5 ⁵ / ₈ x 3 ¹ / ₄ (15.9) x (19.1)	5 ⁵ / ₈ x 1 ¹ / ₈ (15.9) x (28.6)
1300-1600	2	3 ³ / ₄ (95.3)	5 ³ / ₄ (146.1)	6 ³ / ₄ (171.5)	9 ¹ / ₄ (235.0)	9 ¹ / ₂ (241.3)	10 ³ / ₄ (273.1)	—	—	2 ³ / ₈ (60.3)	3 (76.2)	7 ¹ / ₁₆ (11.1)	5 ⁵ / ₈ x 3 ¹ / ₄ (15.9) x (19.1)	5 ⁵ / ₈ x 1 ¹ / ₈ (15.9) x (28.6)
1800-2000	2	3 ³ / ₄ (95.3)	5 ³ / ₄ (146.1)	6 ³ / ₄ (171.5)	9 ¹ / ₄ (235.0)	9 ¹ / ₂ (241.3)	10 ³ / ₄ (273.1)	—	—	2 ³ / ₄ (69.9)	3 ¹ / ₂ (88.9)	1 ¹ / ₂ (12.7)	5 ⁵ / ₈ x 3 ¹ / ₄ (15.9) x (19.1)	5 ⁵ / ₈ x 1 ¹ / ₈ (15.9) x (28.6)
2100-2500	3	4 (101.6)	5 ³ / ₄ (146.1)	6 ³ / ₄ (171.5)	9 ¹ / ₄ (235.0)	9 ¹ / ₂ (241.3)	10 ³ / ₄ (273.1)	1 ⁵ / ₈ (41.3)	1 ³ / ₄ (44.5)	3 ¹ / ₂ (88.9)	5 (127.0)	3 ³ / ₄ (19.1)	5 ⁵ / ₈ x 3 ¹ / ₄ (15.9) x (19.1)	5 ⁵ / ₈ x 1 ¹ / ₈ (15.9) x (28.6)
2501-3000	3	4 (101.6)	5 ³ / ₄ (146.1)	6 ³ / ₄ (171.5)	9 ¹ / ₄ (235.0)	9 ¹ / ₂ (241.3)	10 ³ / ₄ (273.1)	1 ⁵ / ₈ (41.3)	1 ³ / ₄ (44.5)	4 (101.6)	5 (127.0)	3 ³ / ₄ (19.1)	5 ⁵ / ₈ x 3 ¹ / ₄ (15.9) x (19.1)	5 ⁵ / ₈ x 1 ¹ / ₈ (15.9) x (28.6)
3500-4000	4	4 (101.6)	5 ³ / ₄ (146.1)	6 ³ / ₄ (171.5)	9 ¹ / ₄ (235.0)	9 ¹ / ₂ (241.3)	10 ³ / ₄ (273.1)	1 ¹ / ₄ (44.5)	3 ¹ / ₄ (82.6)	4 ³ / ₄ (120.7)	5 ³ / ₄ (146.1)	3 ³ / ₄ (19.1)	5 ⁵ / ₈ x 1 ³ / ₈ (15.9) x (34.9)	5 ⁵ / ₈ x 1 ³ / ₈ (15.9) x (34.9)
4500-5000	5	4 (101.6)	5 ³ / ₄ (146.1)	—	9 ¹ / ₄ (235.0)	—	10 ³ / ₄ (273.1)	1 ⁵ / ₈ (41.3)	3 ¹ / ₄ (82.6)	5 ¹ / ₄ (133.4)	7 ¹ / ₈ (181.0)	1 (25.4)	5 ⁵ / ₈ DIA. (15.9)	—
6000	5	4 (101.6)	5 ³ / ₄ (146.1)	—	9 ¹ / ₄ (235.0)	—	10 ³ / ₄ (273.1)	1 ⁵ / ₈ (41.3)	3 ¹ / ₄ (82.6)	5 ¹ / ₄ (133.4)	7 ¹ / ₈ (181.0)	1 (25.4)	5 ⁵ / ₈ DIA. (15.9)	—

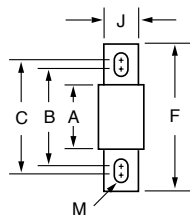


FIG. 1

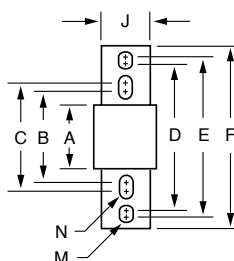


FIG. 2

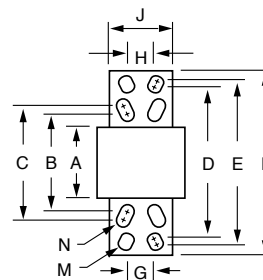


FIG. 3

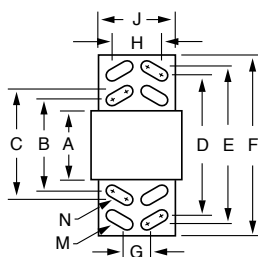


FIG. 4

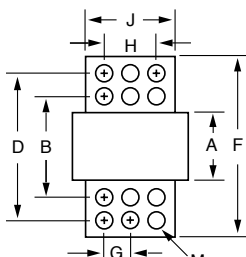


FIG. 5

