

JFHR2.E71611 Special Purpose Fuses - Component

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See General Information for Special Purpose Fuses - Component

LITTELFUSE INC
800 E NORTHWEST HWY
DES PLAINES, IL 60016 USA

E71611

Fuses for protection of semi-conductor devices, Cat. No. 481 with suffixes 0.18 through 020, rated 125 V ac and 125 dc.

Semi-conductor protection fuses, Cat. Nos. L60S001 through -800.

Cat. Nos. L15S001 through -1000.

Cartridge fuses, Cat. Nos. KLPC-200 through -600.

Cat. Nos. L25S001 through -800.

Cat. Nos. L50S001 through -800.

Cat. Nos. L70S001 through -800.

Cat. Nos. L17T70 through -800A, -1200A .

Cat. Nos. LDC150 through -600.

Cat. Nos. KLC-0 through -800.

Cat. Nos. JLLS-900, -1000, -1100, -1200.

Cat. No. TOPT40.

Cat. Nos. TLS1 through -125, rated 1-125A, 170 Vdc.

Cat. Nos. TLS-351 through -70L, TLS V1 through -70, TLS1 through 70LB, rated 1-70A, 170 Vdc.

Cat. No. TLN1-600, rated 1-600A, 170V dc.

Type MIDI, Part. No. 498 040 through 100.

Type 297020, rated 20A, 32 Vdc / 125 Vac.

Type 297030, rated 30A, 125Vac.

Series 299 followed by 020, 030, 040, 050, 060, 070 or 080, rated 20-80A, 32 Vdc.

Series 446, 447 followed by 002, 003, 004, 005, 07.5 or 010, rated 2, 3, 4, 5, 7.5, 10A, 350 Vac, 446, 447 followed by 003, rated 3A, 140 Vac.

Series 495, Jcase followed by 020, 030, 040, 050 or 060, rated 20, 30, 40, 50, 60A, 55 Vdc.

Cat. No. 257APC rated 1-40A, 32 Vdc.

Cat. No. 257-3A, 25 Vac/32 Vdc.

Cat. No. JLLS 0-30V rated 1-30A, 600 Vac.

Cat. No. LGD 35-60A, 600 Vac.

Cat. Nos. LVSP-5-2, LVSP-5-R, LVSP-10-2, LVSP-10-R, LVSP-15-2, LVSP-15-R, LVSP-20-2, LVSP-20-R, LVSP-30, LVSP-30-2, LVSP-80, LVSP-80-2, LVSP-100-XL.

Models LVSP-40, LVSP-40-2, LVSP-40-P, LVSP-60, LVSP-60-2.

Fuses for protection of semi-conductor devices, Cat. Nos. LA100P10004, LA100P1004, LA100P4TI, LA100P1254, LA100P1254TI, LA100P1504, LA100P1504TI, LA100P2004, LA100P2004TI, LA100P201, LA100P2254, LA100P2504, LA100P3004, LA100P3004TI, LA100P3504, LA100P3504TI, LA100P354, LA100P4004, LA100P4004TI, LA100P404, LA100P5004, LA100P5004TI, LA100P504, LA100P504TI, LA100P6004, LA100P6004TI, LA100P604, LA100P604TI, LA100P704, LA100P804, LA15QS1000128, LA15QS1000128IL, LA15QS1200128, LA15QS1200128IL, LA15QS1500128, LA15QS1500128IL, LA15QS2000128, LA15QS2000128IL, LA15QS2500128, LA15QS2500128IL, LA15QS3000128, LA15QS3000128IL, LA15QS3500128, LA15QS4000128, LA15QS4000128IL, LA15QS10004TI, LA15QS10004IL, LA15QS704, LA15QS704TI, LA15QS804, LA15QS804TI, LA15QS904, LA15QS1004, LA15QS1004TI, LA15QS1304, LA15QS1304TI, LA15QS1504, LA15QS1504IL, LA15QS1504TI, LA15QS2004, LA15QS2004IL, LA15QS2504, LA15QS2504TI, LA15QS3004, LA15QS3004IL, LA15QS3004TI, LA15QS3504, LA15QS3504TI, LA15QS4004, LA15QS4004IL, LA15QS4004TI, LA15QS4504, LA15QS4504IL, LA15QS5004, LA15QS5004, LA15QS6004, LA15QS6004IL, LA15QS8004, LA15QS10004, LA15QS404TI, LA30QS1200128, LA30QS1254, LA30QS1304, LA30QS1500128, LA30QS1500128IL, LA30QS1504, LA30QS1504TI, LA30QS1600128, LA30QS1754, LA30QS2000128, LA30QS2000128IL, LA30QS2004, LA30QS2004TI, LA30QS2254, LA30QS2500128, LA30QS2500128IL, LA30QS2504, LA30QS2504TI, LA30QS3000128, LA30QS3004, LA30QS3004TI, LA30QS3500128, LA30QS128IL, LA30QS3504, LA30QS354, LA30QS4000128, LA30QS4004, LA30QS4004IL, LA30QS4004TI, LA30QS404, LA30QS4500128, LA30QS4504, LA30QS5004, LA30QS504, LA30QS5504, LA30QS6004, LA30QS6004IL, LA30QS6004TI, LA30QS604, LA30QS700128, LA30QS7004, LA30QS704, LA30QS800128, LA30QS8004, LA30QS8004IL, LA30QS804, LA30QS904, LA50P10004, LA50P2004, LA50P9004, LA50QS10004, LA50QS1004, LA50QS1200-4, LA50QS1254, LA50QS1504, LA50QS1754, LA50QS2004, LA50QS2254, LA50QS2504, LA50QS2754, LA50QS3004, LA50QS3254, LA50QS3504, LA50QS354, LA50QS4004, LA50QS404, LA50QS4504, LA50QS5004, LA50QS504, LA50QS6004, LA50QS604, LA50QS7004, LA50QS704, LA50QS8004, LA50QS804, LA50QS9004, LA50QS904, LA70Q1004, LA70Q1254, LA70Q1504, LA70Q1754, LA70Q2004, LA70Q2504, LA70Q3004, LA70Q3504, LA70Q354, LA70Q4004, LA70Q404, LA70Q4504, LA70Q5004, LA70Q504, LA70Q6004, LA70Q604, LA70Q704, LA70Q804, LA70Q904, LA70Q1254, LA70QS1254K, LA70QS1504, LA70QS1504K, LA70QS1754, LA70QS1754K, LA70QS2004, LA70QS2004K, LA70QS2254, LA70QS2504, LA70QS3004, LA70QS3504, LA70QS4004, LA70QS404, LA70QS4504, LA70QS4504K, LA70QS5004, LA70QS5004K, LA70QS504, LA70QS6004, LA70QS6004K, LA70QS604, LA70QS7004, LA70QS704, LA70QS8004, LA70QS804, LA70QS904.

Special purpose semi-conductor Protection fuses, Cat. Nos. LA50QS101, LA50QS151, LA50QS201, LA50QS251, LA50QS301.

Semi-conductor protection fuses, Cat. Nos. LA050URD32LI1800, LA050URD32TTI1800, LA050URD33LI2500, LA050URD33TTI2500, LA550URD32LI1400, LA0550URD32LI1600, LA0550URD32TTI1400, LA0550URD32TTI1600, LA0550URD33TTI2250, LA55URD33TTI2250, LA060URD32LI1250, LA060URD32TTI1250, LA060URD32LI2000, LA060URD32TTI2000, LA65URD32LI1100, LA065URD32TTI1100, LA065URD33LI1600, LA065URD33LI1800, LA065URD33TTI1600,

LA065URD33TTI1800, LA065URD73LI1800, LA065URD73TTI1800, LA070URD30KI0063,
LA070URD30KI0080, LA070URD30KI0100, LA070URD30KI0125, LA070URD30KI0160,
LA070URD30KI0200, LA070URD30KI0250, LA070URD30KI0315, LA070URD30KI0350,
LA070URD30KI0400, LA070URD30KI0450, LA070URD30KI0500, LA070URD30KI0550, LA070URD30LI0063,
LA070URD30LI0080, LA070URD30LI0100, LA070URD30LI0125, LA070URD30LI0160, LA070URD30LI0200,
LA070URD30LI0250, LA070URD30LI0315, LA070URD30LI0350, LA070URD30LI0400, LA070URD30LI0450,
LA070URD30LI0500, LA070URD30LI0550, LA070URD30TTI0063, LA070URD30TTI0080,
LA070URD30TTI0100, LA070URD30TTI0125, LA070URD30TTI0160, LA070URD30TTI0200,
LA070URD30TTI0250, LA070URD30TTI0315, LA070URD30TTI0350, LA070URD30TTI0400,
LA070URD30TTI0450, LA070URD30TTI0500, LA070URD30TTI0550, LA070URD31KI0200,
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LA130URDU2LI0400, LA130URDU2LI0450, LA130URDU2LI0500, LA130URDU2LI0550,
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LA130OUR73LI0550, LA130OUR73LI0630, LA130OUR73LI0700, LA130URD73TT315, LA130URD73TT350,
LA130URD73TT400, LA130URD73TT450, LA130URD73TT500, LA130URD73TT550, LA130URD73TT630,
LA130URD73TT700, LA130URD73TT800, LA15QS22, LA15QS32, LA15QS42, LA15QS52, LA15QS62,
LA15QS72, LA15QS82, LA15QS102, LA15QS122, LA15QS152, LA15QS202, LA15QS252, LA15QS302,
LA15QS351, LA15QS401, LA70QS10022F, LA70QS10022FI, LA70QS1014FI, LA70QS1214F, LA70QS1214FI,
LA70QS1614F, LA70QS1614FI, LA70QS2014F, LA70QS2014FI, LA70QS2022F, LA70QS2022FI,
LA70QS2514F, LA70QS2514FI, LA70QS2522F, LA70QS2522FI, LA70QS2514F, LA70QS2514FI,
LA70QSE222F, LA70QSE222FI, LA70QS354, LA70QS4014F, LA0QS4014F1, LA70QS4022F, LA70QS4022F1,
LA70QS5014F, LA70QS5014FI, LA70QS5022F, LA70QS5022F1, LA70QS6322F, LA70QS6322FI,
LA70QS8022F, LA70QS8022FI.

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JFHR2.GuideInfo

Special Purpose Fuses - Component

[Fuses - Component] Special Purpose Fuses - Component

See General Information for Fuses - Component

The devices covered under this category are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. THE FINAL ACCEPTANCE OF THE COMPONENT IS DEPENDENT UPON ITS INSTALLATION AND USE IN COMPLETE EQUIPMENT SUBMITTED TO UNDERWRITERS LABORATORIES INC.

GENERAL

This category covers fuses rated 0 - 6,000 A, 0 - 1,000 V with interrupting ratings up to 300,000 A. These fuses are designed for special purpose applications such as in combination with low-voltage power circuit breakers, in combination with TVSS devices or in combination with capacitors.

PRODUCT MARKINGS

All devices covered under this category are marked with:

1. The manufacturer's name or trademark (or both)
2. The device catalog number

CONDITIONS OF ACCEPTABILITY

Consideration is to be given to the Conditions of Acceptability specified in the individual Recognitions when these components are employed in the end-use equipment.

RELATED PRODUCTS

For Listed classes of renewable and nonrenewable fuses, see Cartridge Fuses, Nonrenewable (**JDDZ**), Cartridge Fuses, Renewable (**JDRX**) and Plug Fuses (**JEFV**).

REQUIREMENTS

The basic standard used to investigate products in this category is UL 248-1, "Low-Voltage Fuses - Part 1: General Requirements."

Additional standards may be used as follows:

Venue			Standard Title
USA	Mexico	International	

	(UL)	(ANCE)	Organization	Standard
*	UL 248-1	NMX-J-009/248/1-		Low-Voltage Fuses - Part 1:
		2000-ANCE		General Requirements
*	UL 248-2	NMX-J-009/248/2-		Low-Voltage Fuses - Part 2:
		2000-ANCE		Class C Fuses
*	UL 248-3	NMX-J-009/248/3-		Low-Voltage Fuses - Part 3:
		2000-ANCE		Class CA and CB Fuses
*	UL 248-4	NMX-J-009/248/4-		Low-Voltage Fuses - Part 4:
		2000-ANCE		Class CC Fuses
*	UL 248-5	NMX-J-009/248/5-		Low-Voltage Fuses - Part 5:
		2000-ANCE		Class G Fuses
*	UL 248-6	NMX-J-009/248/6-		Low-Voltage Fuses - Part 6:
		2000-ANCE		Class H Nonrenewable Fuses
*	UL 248-7	NMX-J-009/248/7-		Low-Voltage Fuses - Part 7:
		2000-ANCE		Renewable Fuses
*	UL 248-8	NMX-J-009/248/8-		Low-Voltage Fuses - Part 8:
		2000-ANCE		Class J Fuses
*	UL 248-9	NMX-J-009/248/9-		Low-Voltage Fuses - Part 9:
		2000-ANCE		Class K Fuses
*	UL 248-10	NMX-J-009/248/10-		Low-Voltage Fuses - Part 10:
		2000-ANCE		Class L Fuses
*	UL 248-11	NMX-J-009/248/11-		Low-Voltage Fuses - Part 11:
		2000-ANCE		Plug Fuses
*	UL 248-12	NMX-J-009/248/12-		Low-Voltage Fuses - Part 12:
		2000-ANCE		Class R Fuses
*	UL 248-13	NMX-J-009/248/13-		Low-Voltage Fuses - Part 13:
		2000-ANCE		Semiconductor Fuses
*	UL 248-14	NMX-J-009/248/14-		Low-Voltage Fuses - Part 14:
		2000-ANCE		Supplemental Fuses
*	UL 248-15	NMX-J-009/248/15-		Low-Voltage Fuses - Part 15:
		2000-ANCE		Class T Fuses
*	UL 248-16	NMX-J-		Low-Voltage Fuses - Part 16:

	009/248/16-		
	2000-ANCE		Test Limiters
UL 275			Automotive Glass-
			Tube Fuses
Subject 275A			Outline of Investigation
			for Automotive
			Blade Type Fuses
UL 347			High Voltage Industrial
			Control Equipment
Subject 2126			Outline of Investigation
			for Low-Voltage Fuses:
			Class CD Fuses
	ANSI/IEEE	C37.40-	Standard Service
		1993	Conditions & Definitions
			for High-Voltage Fuses,
			Distribution Enclosed Single-
			Pole Air Switches,
			Fuse Disconnecting
			Switches & Accessories
	ANSI/IEEE	C37.41-	Standard Design Test
		2000	for High-Voltage Fuses,
			Distribution Enclosed
			Single-Pole Air Switches,
			Fuse Disconnecting
			Switches & Accessories
	ANSI/IEEE	C37.42-	Specification for
		1996	High-Voltage Expulsion
			Type Distribution Class
			Fuses, Cutouts,
			Fuse Disconnecting
			Switches & Fuse Links
			(Replaces NEMA-
			C37.42-1996)
	ANSI/IEEE	C37.46-	High Voltage
		2000	Expulsion & Current-

		Limiting Type Power
		Class Fuses &
		Fuse Disconnecting
		Switches
ANSI/IEEE	C37.47-	American National
	2000	Standard for High
		Voltage Current-Limiting
		Type Distribution
		Class Fuses & Fuse
		Disconnecting Switches
ANSI/IEEE	C37.48-	Guide for Application,
	1997	Operation & Maintenance of
		High-Voltage Fuses,
		Distribution Enclosed
		Single-Pole Air Switches,
		Fuse Disconnecting Switches
		& Accessories
ANSI/IEEE	C37.53.1-	American National
	1996	Standard for High
		Voltage Current-Limiting
		Motor-Starter
		Fuses - Conference
		Test Procedures
IEC	60269-2-1,	Low-voltage fuses -
	Ed. 4	Part 2-1: Supplementary
		requirements for fuses for use
		by authorized persons (fuses
		mainly for industrial
		applications)-
		Sections I to VI: Examples
		of standardized fuses
IEC	60127-1	Miniature Fuses
		(general title)
IEC	60127-1	Part 1: Definitions
		for Miniature Fuses

		& General Requirements
		for Miniature Fuse-Links
IEC	60127-2	Part 2: Cartridge fuse-links
IEC	60127-3	Part 3: Sub- miniature fuse-links
IEC	60127-4	Part 4: Universal modular fuse-links
IEC	60127-5	Part 5: Guidelines for quality assessment of miniature fuse-links

*Tri-national harmonized standard

Where additional standards are used, they are identified in the individual Listings or marked on the product.

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