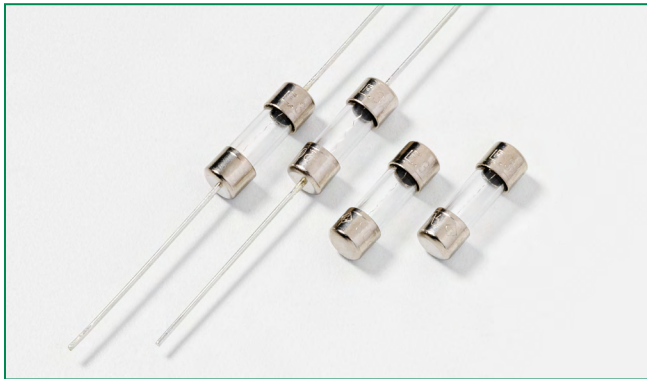


229/230 Series 2AG, Slo-Blo® Fuse with Indicating Option








Description

Littelfuse 229/230 series Slo-Blo® Fuses are available in 2AG size cartridge or axial lead form, offer tripped fuse indicating option, and offer features designed to meet rigorous Telecom industry requirements.

229/230 series product ordered with the tripped fuse indicating option show discoloration of the glass body immediately after trip. They offer the same performance characteristics as standard product, and help to reduce time locating the tripped fuse and troubleshooting circuit issues.

The 229/230 series 0.25A - 1.25A range combines conventional overcurrent protection with ability to withstand high current, short duration pulses which complies to short circuit requirements of UL 60950 for telephone equipment. Insulating sleeve option is also available. Please refer to the Surge Withstand Specifications section of this document for additional information.

Agency Approvals

Agency	Agency File Number	Ampere Range
	E10480	0.250A - 3.5A
	29862	0.250A - 7A
	E10480	4A - 7A
	NBK200405 - E10480C/D NBK110512 - E10480A/B NBK210405 - E10480E/F	1A - 3.5A 4A - 5A 6A - 7A
	N/A	0.250A - 7A

Electrical Characteristics for Series

% of Ampere Rating	Opening Time
100%	4 hours, Minimum
135%	1 hour, Maximum
200%	3 seconds, Minimum
	20 seconds, Maximum

Features

- Available in cartridge and axial lead form, and a wide range of lead forming dimension and packaging options
- In accordance with UL Standard 248-14
- RoHS compliant and Lead-free
- Tripped fuse indicating option (add suffix 'S' to part number)
- Fuses are available for board washable with the additional sealing process (add suffix 'A' to part number)
- Sleeved fuse option available (contact Littelfuse for additional information)

Additional Information



Datasheet
229 Series



Resources
229 Series



Samples
229 Series



Datasheet
230 Series



Resources
230 Series



Samples
230 Series

Electrical Characteristic Specification by Item

Amp Code	Ampere Rating (A)	Voltage Rating (V)	Interrupting Rating	Nominal Cold Resistance (Ohms)	Nominal Melting I ² t (A ² sec)	Agency Approvals				
						UL	RU	PS E	SF	CE
.250	0.25	250	35A@250Vac 10KA@125Vac 10KA@125Vdc 80A@310Vac	2.4300	0.339	x			x	x
.350	0.35	250		1.3100	0.640	x			x	x
.375	0.375	250		1.1685	0.820	x			x	x
.500	0.5	250		0.6935	1.64	x			x	x
.600	0.6	250		0.4805	1.75	x			x	x
.750	0.75	250		0.3430	2.95	x			x	x
.800	0.8	250		0.3060	3.45	x			x	x
001.	1	250		0.2120	5.64	x		x	x	x
1.25	1.25	250	100A@250Vac 10KA@125Vac 10KA@125Vdc 80A@310Vac	0.1460	16.8	x		x	x	x
01.5	1.5	250		0.1077	20.0	x		x	x	x
002.	2	250		0.0698	30.0	x		x	x	x
2.25	2.25	250		0.0567	39.0	x		x	x	x
02.5	2.5	250		0.0502	50.0	x		x	x	x
003.	3	250		0.0383	77.0	x		x	x	x
03.5	3.5	250	100A@250Vac 10KA@125Vac 10KA@125Vdc	0.0312	110.0	x		x	x	x
004.	4	125	400A@125Vac 400A@125Vdc	0.0258	148.0		x	x	x	x
005.	5	125		0.0186	267		x	x	x	x
006.	6	125		0.0141	380		x	x	x	x
007.	7	125		0.0116	464		x	x	x	x

Surge Withstand Specifications

Peak Withstand Current(I_p): These fuses will withstand 50 repetitions of a double exponential impulse wave having peak currents(I_p) and peak voltages as listed.

Amp Code	Ampere Rating (A)	Interrupting Rating	Nominal Cold Resistance (Ohms)	Nominal Melting I ² t (A ² sec)	10x160 μs 1500V	10x560 μs 800V	10x1000 μs 1000V
.250	0.25	60A@600Vac 40A@600Vac 7A@600Vac 2.2A@600Vac	2.4300	0.339	23.0A	16.6A	12.4A
.350	0.35		1.3100	0.640	34.0A	25.8A	19.3A
.375	0.375		1.1685	0.820	40.0A	25.4A	19.0A
.500	0.5		0.6935	1.64	60.0A	37.7A	28.2A
.600	0.6		0.4805	1.75	71.0A	47.2A	35.3A
.750	0.75		0.3430	2.95	91.0A	65.5A	49.0A
.800	0.8		0.3060	3.45	104.0A	68.9A	51.6A
001.	1		0.2120	5.64	130A	88.6A	66.3A
1.25	1.25*		0.1460	16.8	162.0A	118.1A	100.0A

* 500A peak, 2500V, 2x10 microseconds, 20 repetitions