



Description

The 443LC Series 280V Nano₂ Fuse is a small square surface mount fuse that is designed to enable compliance with the RoHS directive. This product is fully compatible with lead-free solder alloy and higher temperature profiles associated with lead-free assembly.

Features

- 280VAC voltage rating
- Slo-Blo® Fuse
- Available 0.50A – 5.00A
- RoHS Compliant
- Fully compatible with lead-free solder alloys and higher temperature profiles associated with lead-free assembly

Agency Approvals

AGENCY	AGENCY FILE NUMBER	AMPERE RANGE
	E10480	0.500A - 5.00A

Electrical Characteristics for Series

% of Ampere Rating	Opening Time
100%	4 hours, Minimum
250%	120 seconds, Maximum

Applications

- AC/DC power adaptor
- Telecom equipment system power
- Portable system built-in AC/DC converter
- High voltage DC/DC converter
- Lighting System
- LED Lighting

Additional Information



Datasheet



Resources



Samples

Electrical Specifications by Item

Ampere Rating (A)	Amp Code	Max Voltage Rating (V)	Interrupting Rating	Nominal Cold Resistance (Ohms)	Nominal Melting I _t t (A ₂ sec)	Nominal Voltage Drop (mV)	Agency Approvals
0.50	.500	280	50A @280VAC	0.600	1.61	448	x
0.75	.750	280		0.275	3.025	285	x
1	001.	280		0.180	10.17	234	x
1.50	01.5	280		0.100	14.72	196	x
2	002.	280		0.052	18.06	154	x
2.50	02.5	280		0.035	18.13	139	x
3	003.	280		0.028	51.44	113	x
3.50	03.5	280		0.019	53.14	98	x
4	004.	280		0.016	122.50	81	x
5	005.	280		0.0115	180.60	80	x

Notes:

1. Cold resistance measured at less than 10% of rated current at 23°C.
2. Agency Approval Table Key: X=Approved or Certified, P=Pending and Blank=Not Approved
3. Have special electrical characteristic needs? Contact Littelfuse to learn more about application specific options.