



Underwriters Laboratories Inc.

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Cable ULINC SANTA CLARA, CA

E174545,98SC02226

April 10, 1998

Bourns Multifuse  
Riverside, CA

Fax No: 1-909-781-5555

Attention: Mr. Jason Moulton

Subject: PTC current limiters, models MF-LS100S, LS100,  
-LS180S, -LS190, -LS260, -LS300, and -LS340.

Dear Mr. Jason Moulton:

NOTICE OF AUTHORIZATION TO APPLY THE UL MARK AND C-UL MARKS

We have completed our engineering investigation under project number and find the products comply with the applicable requirements.

This fax temporarily supplements the UL Follow-Up Services Inspection Procedure and serves as authorization to apply the UL Recognized Marking and/or Recognized Component Mark and the C-UL Recognized Marking and/or Recognized Component Mark to the above products which are constructed as described below:

Identical to new models, which were submitted to UL for this investigation. The UL records covering the product will be in the Follow-Up Services Inspection Procedure, File E174545, Vol. 1.

To provide the manufacturer with the intended authorization to use the UL Mark, the addressee must send a copy of this Notice and all attached material to each manufacturing location.

This authorization is effective for 90 days only from the date of this Notice. Records covering the products are now being prepared and will be sent to you in the near future.

A not-for-profit organization  
dedicated to public safety and  
committed to quality service

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Products which bear the UL Mark shall be identical to those which were evaluated by UL and found to comply with UL's requirements.

If changes in construction are discovered, the authorization to use the UL Mark may be withdrawn and products that bear the UL Mark may have to be revised (in the field or at the manufacturer's facility) to bring them into compliance with UL's requirements.

Regards,

ALAN PORDES (Ext. 32449)  
Engineering Group Leader  
Engineering Services  
Section 316K  
Email: pordes@ul.com

Reviewed by,

Joel Hawk  
Project Engineer  
Engineering Services  
Section 316K



**NOTICE OF AUTHORIZATION TO APPLY THE UL MARK**

November 16, 2007

Bourns Inc.  
1 Kung 6<sup>th</sup> Rd  
Industrial Zone II  
Lin-Kou, Taipei Hsien 244, Taiwan  
Fax number: (02) 2601-4322  
E-mail: Ronnie.Chang@Bourns.com

Reference: File E174545      Project 07CA56749  
UL INVESTIGATION FOR THERMISTOR PPTC CURRENT LIMITERS, SMD TYPE, VOL.1  
Products: SEC. 8, ADDING MODEL MF-LSMF260/24X.

Gentlemen:

Any information and documentation involving UL Mark services are provided on behalf of Underwriters Laboratories Inc. (UL) or any authorized licensee of UL.

UL's Investigation of your product has been completed under the above project number and the subject product was determined to comply with the applicable requirements.

This letter temporarily supplements the UL Follow-Up Services Procedure and serves as authorization to apply the UL Recognized Marking and/or Recognized Component Mark only at the factory under UL's Follow-Up Services Program to the subject product which is constructed as described below.

Similar to the subject models, which were submitted to UL for this investigation. The UL Records covering the product will be in the Follow-Up Services Procedure, File E174545, Volume 1.

To provide the manufacturer with the intended authorization to use the UL Mark, the addressee must send a copy of this Notice and all attached material to each manufacturing location as currently authorized in File E174545, Volume 1.

This authorization is effective from the date of this Notice and only for products at the indicated manufacturing locations. Records in the Follow-Up Services Procedure covering the product is now being prepared and will be sent to the indicated manufacturing locations in the near future. Please note that Follow-Up Services Procedures are sent to the manufacturers only unless the Applicant specifically requests this document.

Products that bear the UL Mark shall be identical to those that were evaluated by UL and found to comply with UL's requirements. If changes in construction are discovered, appropriate action will be taken for products not in conformance with UL's requirements and continued use of the UL Mark may be withdrawn.

Sincerely,

*Flex Wang*  
Flex Wang (Ext. 62233)  
Senior Project Engineer  
Underwriters Laboratories Taiwan Co., Ltd.  
E-mail: flex.wang@tw.ul.com

Reviewed by:

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