



# Certificate of Compliance

Certificate: 1501863 (CA 110338-3)

Master Contract: 187724

Project: 1602996

Date Issued: 2004/11/12

Issued to: **Bourns Multifuse Products**  
1200 Columbia Ave  
Riverside, CA 92507  
USA  
Attention: Mr. Gary Straker

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicator ▲*



Issued by: Edwin Ko, P. Eng.

Authorized by: C. George Tranquada, C.F.T.,  
Manager, Audio/Video Team

## **PRODUCTS**

**CLASS 9073 32 - ELECTRONIC COMPONENTS - Thermistors - PTC Type**

PTC thermistors for overcurrent protection:

Series MF-RX110 to MF-RX375, rated 1.1A I<sub>Hold</sub> to 3.75A I<sub>Hold</sub>, 60V dc/40A.

Series MF-RX110/72 to MF-RX375/72, rated 1.1A Hold to 3.75A Hold, 72Vdc/40A.

## **APPLICABLE REQUIREMENTS**

T.I.L. CA-3A - Component Acceptance Requirements for PTC Thermistors for Over current Protection in



CSA INTERNATIONAL

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Electrical and Electronic Equipments.

IEC 60730-1, Ed. 3 - Automatic Electrical Controls for Household and Similar use, Clauses 12, 15, 16, 17, J15 and J17 for Type 2 controls (PTC Thermistor Type)

IEC 60950-1, Ed. 1, Clause 2.5 - Information Technology Equipment - Safety - Part 1: General Requirements



## *Supplement to Certificate of Compliance*

**Certificate:** 1459814

**Master Contract:** 187724

*The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
1916433	2007/05/29	To rename Series MF-R020/72 to MF-R090/72 as Series MF-RX020/72 to MF-RX090/72 and to transfer the renamed series to report 1501863.
1631831	2005/02/10	Change of trip current rating (from 1.0A to 0.83A) for MF-R018/250U.
1602970	2004/11/16	Addition of series MF-R020/72 to MF-R090/72; and addition of applicable requirements of IEC 60730-1, Ed. 3 and IEC 60950-1, Ed. 1, Clause 2.5.
1459814	2003/07/25	Supersedes -1, reissued as 1459814 to add model MF-R018/250U.

### **History**

CA 110338-1: 97/09/02 - Original Certification.



# Certificate of Compliance

**Certificate:** 1501863 (CA 110338-3)

**Master Contract:** 187724

**Project:** 1916448

**Date Issued:** 2007/05/29

**Issued to:** Bourns Electronics (Taiwan) Ltd.

1 Kung 6th Rd Industrial Zone II  
Lin-kou Shiang  
Taipei Hsien,  
Taiwan  
Attention: Mr. Brady Shih

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicator ▲*



**Issued by:** Edwin Ko, P. Eng.

**Authorized by:** C. George Tranquada, C.E.T.,  
Manager, Audio/Video Team

## **PRODUCTS**

**CLASS 9073 32** - ELECTRONIC COMPONENTS - Thermistors - PTC Type

PTC thermistors for overcurrent protection:

Series MF-RX110 to MF-RX375, rated 1.1A Hold to 3.75A Hold, 60V dc/40A.

Series MF-RX020/72 to MF-RX375/72, rated 0.2A Hold to 3.75A Hold, 72Vdc/40A.

## **APPLICABLE REQUIREMENTS**



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**Master Contract:** 187724

**Project:** 1916448

**Date Issued:** 2007/05/29

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T.I.L. CA-3A - Component Acceptance Requirements for PTC Thermistors for Over current Protection in Electrical and Electronic Equipments.

IEC 60730-1, Ed. 3 - Automatic Electrical Controls for Household and Similar use, Clauses 12, 15, 16, 17, J15 and J17 for Type 2 controls (PTC Thermistor Type)

IEC 60950-1, Ed. 1, Clause 2.5 - Information Technology Equipment - Safety - Part 1: General Requirements



## *Supplement to Certificate of Compliance*

**Certificate:** 1501863

**Master Contract:** 187724

*The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
1916448	2007/05/29	Addition of Series MF-RX020/72 to MF-RX090/72 transferred from report 1459814.
1602996	2004/11/12	Addition of series MF-RX110/72 to MF-RX375/72; and addition of applicable requirements of IEC 60730-1, Ed. 3 and IEC 60950-1, Ed.1, Clause 2.5.
1501863	2003/12/10	Supersedes -3. Update report and change of ratings (Rmin for MF-RX110, Rmax for MF-RX300, Max Trip Time at 5*I(hold) for MF-RX135 and MF-RX250).

### **History**

CA 110338-3: October 29, 1997 - Original Certification.