



CSA INTERNATIONAL

Certificate of Compliance

Certificate: 1459814 (CA 110338-1)

Master Contract: 187724

Project: 1602970

Date Issued: 2004/11/16

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.E.T.,
Manager, Audio/Video Team

PRODUCTS

CLASS 9073 32 - ELECTRONIC COMPONENTS - Thermistors - PTC Type

PTC thermistors for overcurrent protection:

Series MF-R010 to MF-R900 and MF-R018/250U, rated 0.1A Hold to 9A Hold, 60V or 30Vdc/ 40A (except MF-R018/250U with 10A).

Series MF-R020/72 to MF-R090/72, rated 0.2A Hold to 0.9A Hold, 72Vdc/ 40A.

APPLICABLE REQUIREMENTS



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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

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

Product Certification History

Project	Date	Description
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.