



CSA INTERNATIONAL

Certificate of Compliance

Certificate: 1627307 (CA 110338)

Master Contract: 187724

Project: 1627307

Date Issued: 2004/12/24

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:

Models MF-USMF005, MF-USMF010, MF-USMF020, MF-USMF035, MF-USMF050, MF-USMF075 and MF-USMF110, rated 0.05A Hold to 1.1A Hold, 30V/10A dc max to 6V/40A dc max. (13.2V/40A dc max. for MF-USMF050)

APPLICABLE REQUIREMENTS



Certificate: 1627307 (CA 110338)

Master Contract: 187724

Project: 1627307

Date Issued: 2004/12/24

T.I.L. CA-3 - 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



CSA INTERNATIONAL

Certificate of Compliance

Certificate: 1959538 (CA 110338)

Master Contract: 187724

Project: 1959538

Date Issued: 2007/11/02

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: Calvin McKenzie, Product Group Manager

PRODUCTS

CLASS 9073 32 - ELECTRONIC COMPONENTS - Thermistors - PTC Type

PTC thermistors for overcurrent protection:

Models MF-USMF175X and MF-USMF200X, rated 1.75A Hold to 2.0A Hold, 6V dc/40A max.

Note: Model numbers may be followed by suffix indicating different shapes of leads, colours of cover tape or packaging methods.



Certificate: 1959538 (CA 110338)

Master Contract: 187724

Project: 1959538

Date Issued: 2007/11/02

APPLICABLE REQUIREMENTS

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: 1959538

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

Project	Date	Description
1959538	2007/11/02	Original certification.