



Certificate of Compliance

Certificate: 1211936

Master Contract: 187724 (CA 110338)

Project: 1300107

Date Issued: April 1, 2002

Issued to: Bourns Multifuse Products Inc.
1200 Columbia Avenue
Riverside, CA 92505
U.S.A.

Attention: Mr. Gary Straker

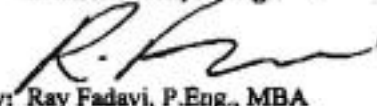
*The products listed below are eligible to bear the CSA Mark shown
with adjacent indicator ▲*



Issued by:


Brian McCran, P. Eng.

Authorized by:


Ray Fadavi, P.Eng., MBA
Operations Manager

PRODUCTS

CLASS 9073 32 - THERMISTORS - PTC Type - Component Acceptance

PTC thermistors for overcurrent protection:

Models MF-VS170, MF-VS170S, MF-VS170SS, MF-VS175, MF-VS175N, MF-VS175NL, MF-VS210, MF-VS210S, MF-VS210SS and MF-VS210L, rated 16V, 100A.

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 Ed 2, Clause 2.11, AM4 | - Safety of Information Technology Equipment, including Electrical Business Equipment |



Supplement to Certificate of Compliance

Certificate: 1211936

Master Contract: 187724 (CA 110338)

*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
1300107	April 1, 2002	Addition of models MF-VS175, MF-VS175N and MF-VS175NL.
1211936	July 6, 2001	Original Certification.



Certificate of Compliance

Certificate: 1261490

Master Contract: 187724 (CA 110338)

Project: 1300107

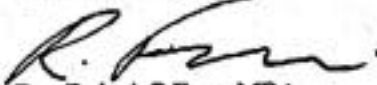
Date Issued: April 1, 2002

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

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Issued by: 
Brian McCran, P. Eng

Authorized by: 
Ray Fadavi, P.Eng., MBA
Operation Manager

PRODUCTS

CLASS 9073 32 - THERMISTORS - PTC Type - Component Acceptance

PTC thermistors for overcurrent protection:

Models: MF-SVS170, MF-SVS170N, MF-SVS175, MF-SVS175N, MF-SVS175NL, MF-SVS210, MF-SVS210N, MF-SVS230, MF-SVS230N, MF-SVS240, MF-SVS240N rated 12Vdc, 100A and MF-VS170N, MF-VS210U, MF-VS210LU, MF-VS210N, MF-VS240, MF-VS240N rated 16Vdc, 100A.

All models may have suffix "S" or "SS"

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 Ed 2, Clause 2.11, AM4 | - | Safety of Information Technology Equipment, including Electrical Business Equipment |



Supplement to Certificate of Compliance

Certificate: 1261490

Master Contract: 187724 (CA 110338)

*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
1300107	April 1, 2002	Addition of models MF-SVS175, MF-SVS175N and MF-SVS175NL.
1261490	November 22, 2001	Original Certification.



CSA INTERNATIONAL

Certificate of Compliance

Certificate: 1261490 (CA 110338)

Master Contract: 187724


Project: 1501981

Date Issued: 2003/12/10

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

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Issued by:  Brian McCran, P. Eng.

Authorized by:  Ray Fadavi, P.Eng., MBA,
Operations Manager

PRODUCTS

CLASS 9073 32 - ELECTRONIC COMPONENTS - Thermistors - PTC Type

PTC thermistors for overcurrent protection:

Models: MF-SVS170, MF-SVS170N, MF-SVS175, MF-SVS175N, MF-SVS175NL, MF-SVS210N, MF-SVS230, MF-SVS230N, MF-SVS240, MF-SVS240N rated 12Vdc, 100A;

MF-VS170N, MF-VS210U, MF-VS210LU, MF-VS210N, MF-VS240, MF-VS240N rated 16Vdc, 100A;

MF-SVS210 rated 10Vdc, 100A.

All models may have suffix "S" or "SS"