

# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20160601-E322885  
**Report Reference** E322885-20160528  
**Issue Date** 2016-JUNE-01

**Issued to:** ABB FRANCE  
Activite Pole Foudre Soule & Helita  
1 Ave Des Victimes Du 11 Juin 44  
Boite Postale 303  
65203 Bagneres-De-Bigorre FRANCE

**This is to certify that  
representative samples of**


COMPONENT - SURGE-PROTECTIVE DEVICES  
See addendum page

Have been investigated by UL in accordance with the  
Standard(s) indicated on this Certificate.

**Standard(s) for Safety:**  
**Additional Information:**

See addendum page  
See the UL Online Certifications Directory at  
[www.ul.com/database](http://www.ul.com/database) for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark: , may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions.

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program  
UL LLC

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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

USR, CNR269 - Component - Surge Protective Devices, Type 1 Component Assemblies used in Photovoltaic Systems only, Series: OVR PV T2; OVR PV; PVD T2

**Model**

OVR PV T2 40-AAA P QS, OVR PV 40-AAA P QS, PVD T2 40-AAA P QS, OVR PV T2 40-AAA P TS QS, OVR PV 40-AAA P TS QS, PVD T2 40-AAA P TS QS, OVR PV T2 40-AAA C QS

OVR PV 40-AAA C QS  
PVD T2 40-AAA C QS  
OVR PV T2 40-YYYY P QS  
OVR PV 40-YYYY P QS  
PVD T2 40-YYYY P QS  
OVR PV T2 40-YYYY P TS QS  
OVR PV 40-YYYY P TS QS  
PVD T2 40-YYYY P TS QS  
OVR PV T2 40-YYYY C QS  
OVR PV 40-YYYY C QS  
PVD T2 40-YYYY C QS  
OVR PV T2 40-YYYY P TWIN QS  
OVR PV 40-YYYY P TWIN QS  
PVD T2 40-YYYY P TWIN QS  
OVR PV T2 40-YYYY P TS TWIN QS  
OVR PV 40-YYYY P TS TWIN QS  
PVD T2 40-YYYY P TS TWIN QS  
OVR PV T2 40-ZZZZ P QS  
OVR PV 40-ZZZZ P QS  
PVD T2 40-ZZZZ P QS  
OVR PV T2 40-ZZZZ P TS QS  
OVR PV 40-ZZZZ P TS QS  
PVD T2 40-ZZZZ P TS QS  
OVR PV T2 40-ZZZZ C QS  
OVR PV 40-ZZZZ C QS  
PVD T2 40-ZZZZ C QS  
OVR PV M C

**Footnotes:**

AAA Where AAA can be 400 or 600 representing a maximum voltage rating of 600V.  
YYYY Where YYYY can be 800, 1000 or 1100 representing a maximum voltage rating of 1100V.  
ZZZZ Where ZZZZ can be 1250 or 1500 representing a maximum voltage rating of 1500V.



Bruce Mahrenholz, Director North American Certification Program

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## Notes:

1. Suitable for Factory wiring only.
2. Suitable for Field and Factory wiring.
3. Series External Impedance required see Electrical Ratings in report.
4. Series External Overcurrent Protection required see Electrical Ratings in report.
5. Body of discrete component metal-oxide varistors (MOVs) flammability
  - a) min. V-0 or VTM-0.
  - b) min. V-1 or VTM-1.
  - c) Complies with IEC 60950-1, Edition 2.2, Annex Q/IEC62368-1 Annex G.8.2 needle flame testing requirements.
  - d) Complies with IEC 60065, Edition 7.2, Annex G.1.1 needle flame testing requirements.

## STANDARDS

ANSI/UL 1449 - Surge Protective Devices  
CSA C22.2 No. 8- Electromagnetic Interference (EMI) Filters  
CSA ECN No. 516- Surge/Transient Voltage Suppressors  
TIL No. A-24- Technical Information Letter  
TIL No. I-11B- Technical Information Letter



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