

CERTIFICATE OF COMPLIANCE

Certificate Number 20180504-E319777
Report Reference E319777-20091113
Issue Date 2018-MAY-04


Issued to: DEHN + SOEHNE GMBH + CO KG
HANS-DEHN-STR 1
92318 NEUMARKT GERMANY

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.

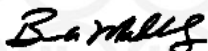
Standard(s) for Safety: See Addendum Page
Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

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

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 20180504-E319777
Report Reference E319777-20091113
Issue Date 2018-MAY-04

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

Standard(s) for Safety

UL 1449 - Surge Protective Devices
UL 1449 - Certification Requirements Decision (CRD) for PV SPDs
CSA C22.2 No. 8 13 - Electromagnetic Interference (EMI) Filters
ECN 516 - Surge/Transient Voltage Suppressors

Models/Product

950 530, , 950 531, , 950 535, , 950 536, , 952 510, , 952 511, , 952 513, , 952 514, , 952 515, , 952 516, , 952 518, , 952 519, , 999 799, , 952 520, , 952 525, , 952 550, , 952 551, , 952 555, , 952 556, , 952 051, , 952 053, , 952 055, , 952 561, , 952 566, , 952 056, , 952 565, , , 952 567, , , 952 048, 952 049,

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.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>

