

CERTIFICATE OF COMPLIANCE

Certificate Number 20150730-E327489
Report Reference E327489-20150501
Issue Date 2015-JULY-30

Issued to: OBO BETTERMANN GMBH & CO
HUINGSER RING 52
58710 MENDEN GERMANY

This is to certify that representative samples of COMPONENT - SURGE-PROTECTIVE DEVICES
See the addendum page for models

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

Standard(s) for Safety: UL 1449 - Surge Protective Devices
CSA C22.2 No. 269.4-14 - Surge Protective Devices - Type 4 - Component Assemblies
CSA C22.2 No. 269.5-15 - Surge Protective Devices - Type 5 - Components

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.

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 20150730-E327489
Report Reference E327489-20150501
Issue Date 2015-JULY-30

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

Models:

Type 4 Component Assemblies, Cat. Nos. 5095 360/V20-0-75, 5095 141/V20-1-75, 5095 142/V20-2-75, 5095 362/V20-0-150, 5095 151/V20-1-150, 5095 152/V20-2-150, 5095 153/V20-3-150, 5095 364/V20-0-280, 5095 161/V20-1-280, 5095 162/V20-2-280, 5095 163/V20-3-280, 5095 164/V20-4-280, 5095 281/V20-1+FS-280, 5095 282/V20-2+FS-280, 5095 283/V20-3+FS-280, 5095 284/V20-4+FS-280, 5095 366/V20-0-320, 5095 171/V20-1-320, 5095 173/V20-3-320, 5095 291/V20-1+FS-320, 5095 293/V20-3+FS-320, 5095 368/V20-0-385, 5095 191/V20-1-385, 5095 192/V20-2-385, 5095 193/V20-3-385, 5095 194/V20-4-385, 5095 302/V20-2+FS-385, 5095 303/V20-3+FS-385, 5095 304/V20-4+FS-385, 5095 370/V20-0-440, 5095 201/V20-1-440, 5095 372/V20-0-550, 5095 211/V20-1-550, 5095 212/V20-2-550, 5095 213/V20-3-550, 5095 214/V20-4-550, 5095 312/V20-2+FS-550, 5095 313/V20-3+FS-550, 5095 314/V20-4+FS-550.

5093 505/V50-0-150, 5093 440/V50-1-150, 5093 446/V50-1+FS-150, 5093 442/V50-3-150, 5093 448/V50-3+FS-150, 5093 508/V50-0-280, 5093 511/V50-3-280, 5093 513/V50-4-280, 5093 516/V50-3+FS-280, 5093 518/V50-4+FS-280, 5093 509/V50-0-320, 5093 540/V50-1-320, 5093 546/V50-1+FS-320, 5093 542/V50-3-320, 5093 548/V50-3+FS-320, 5093 510/V50-0-385, 5093 572/V50-1-385, 5093 578/V50-1+FS-385, 5093 574/V50-3-385, 5093 580/V50-3+FS-385,.

Type 4 Component Assemblies, Cat. Nos. 5095 221/V20-1+NPE-75, 5095 231/V20-1+NPE-150, 5095 232/V20-2+NPE-150, 5095 233/V20-3+NPE-150, 5095 322/V20-2+NPE+FS-150, 5095 321/V20-3+NPE+FS-150, 5095 251/V20-1+NPE-280, 5095 252/V20-2+NPE-280, 5095 253/V20-3+NPE-280, 5095 331/V20-1+NPE+FS-280, 5095 332/V20-2+NPE+FS-280, 5095 333/V20-3+NPE+FS-280, 5095 261/V20-1+NPE-320, 5095 263/V20-3+NPE-320, 5095 341/V20-1+NPE+FS-320, 5095 343/V20-3+NPE+FS-320, 5095 271/V20-1+NPE-385, 5095 273/V20-3+NPE-385, 5095 353/V20-3+NPE+FS-385,.

5093 452/V50-1+NPE-150, 5093 454/V50-3+NPE-150, 5093 460/V50-1+NPE+FS-150, 5093 462/V50-3+NPE+FS-150, 5093 522/V50-1+NPE-280, 5093 524/V50-2+NPE-280, 5093 526/V50-3+NPE-280, 5093 531/V50-1+NPE+FS-280, 5093 533/V50-3+NPE+FS-280, 5093 552/V50-1+NPE-320, 5093554/V50-3+NPE-320, 5093 560/V50-1+NPE+FS-320, 5093 562/V50-3+NPE+FS-320, 5093584/V50-1+NPE-385, 5093 586/V50-3+NPE-385, 5093 590/V50-1+NPE+FS-385, 5093 592/V50-3+NPE+FS-385, 5095 600/C20-0-255.



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/>

