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**UL-Zertifizierung „Neue Ableiterserie V20 / V50“**  
**UL-certification „New arrester series V20 / V50“**



Die kompletten Prüfungen der neuen Ableiterserie des Typs V20 und V50 bei UL (Underwriters Labs) gemäß **UL 1449, Surge Protective Devices, 4<sup>th</sup> Edition** sind nun abgeschlossen. Alle zuvor noch ausstehenden Spannungsvarianten (V20-75V, V20-385V, V20-440V, V50-385V) sind nun ebenfalls gelistet, die kompletten Typen mit Artikelnummern können der angefügten Tabelle entnommen werden.

The complete testing of the new arrester series V20 and V50 at UL (Underwriters Labs) according to **UL 1449, Surge Protective Devices, 4<sup>th</sup> Edition** are finished. All previously outstanding voltage types (V20-75V, V20-385V, V20-440V, V50-385V) are now listed, the complete types with article numbers can be seen in the inserted table.



## CERTIFICATE OF COMPLIANCE

**Certificate Number** 20150518-E327489  
**Report Reference** E327489-20150501  
**Issue Date** 2015-MAY-18

**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:** Indicates evaluation to the applicable requirements of the U.S. National Standard: UL 1449  
Indicates evaluation to the applicable Canadian Requirements:  
CSA Electrical Certification Notice No. 516 Surge/Transient Voltage Suppressors  
CSA C22.2 No. 8-13, "Electromagnetic Interference (EMI) Filters"

**Additional Information:** 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.

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 Malenholz, 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://www.ul.com/about/certification>



**UL gelistete Typen V20-Serie / UL listed types V20-Series**

V20 - 75V Versionen	
5095360	V20-0-75
5095141	V20-1-75
5095142	V20-2-75
5095221	V20-1+NPE-75

V20 - 150V Versionen	
5095362	V20-0-150
5095151	V20-1-150
5095152	V20-2-150
5095153	V20-3-150
5095231	V20-1+NPE-150
5095232	V20-2+NPE-150
5095233	V20-3+NPE-150
5095322	V20-2+NPE+FS-150
5095321	V20-3+NPE+FS-150

V20 - 320V Versionen	
5095366	V20-0-320
5095171	V20-1-320
5095173	V20-3-320
5095261	V20-1+NPE-320
5095263	V20-3+NPE-320
5095291	V20-1+FS-320
5095293	V20-3+FS-320
5095341	V20-1+NPE+FS-320
5095343	V20-3+NPE+FS-320

V20 - 280V Versionen	
5095364	V20-0-280
5095161	V20-1-280
5095162	V20-2-280
5095163	V20-3-280
5095164	V20-4-280
5095251	V20-1+NPE-280
5095252	V20-2+NPE-280
5095253	V20-3+NPE-280
5095261	V20-1+NPE-320
5095263	V20-3+NPE-320
5095271	V20-1+NPE-385
5095273	V20-3+NPE-385
5095281	V20-1+FS-280
5095282	V20-2+FS-280
5095283	V20-3+FS-280
5095284	V20-4+FS-280
5095331	V20-1+NPE+FS-280
5095332	V20-2+NPE+FS-280
5095333	V20-3+NPE+FS-280

V20 - 385V Versionen	
5095368	V20-0-385
5095191	V20-1-385
5095192	V20-2-385
5095193	V20-3-385
5095194	V20-4-385
5095302	V20-2+FS-385
5095303	V20-3+FS-385
5095304	V20-4+FS-385
5095271	V20-1+NPE-385
5095273	V20-3+NPE-385
5095353	V20-3+NPE+FS-385

**UL gelistete Typen V20-Serie / UL listed types V50-Series**

<b>V20 - 440V Versionen</b>	
<b>5095370</b>	V20-0-440
<b>5095201</b>	V20-1-440
<b>550V Versionen</b>	
<b>5095372</b>	V20-0-550
<b>5095211</b>	V20-1-550
<b>5095212</b>	V20-2-550
<b>5095213</b>	V20-3-550
<b>5095214</b>	V20-4-550
<b>5095312</b>	V20-2+FS-550
<b>5095313</b>	V20-3+FS-550
<b>5095314</b>	V20-4+FS-550

**UL gelistete Typen V20-Serie / UL listed types V50-Series**

<b>V50 - 150V Versionen</b>	
5093505	V50-0-150
5093440	V50-1-150
5093446	V50-1+FS-150
5093442	V50-3-150
5093448	V50-3+FS-150
5093452	V50-1+NPE-150
5093454	V50-3+NPE-150
5093460	V50-1+NPE+FS-150
5093462	V50-3+NPE+FS-150
<b>V50 - 280V Versionen</b>	
5093508	V50-0-280
5093500	V50-1-280
5093511	V50-3-280
5093513	V50-4-280
5093502	V50-1+FS-280
5093516	V50-3+FS-280
5093518	V50-4+FS-280
5093522	V50-1+NPE-280
5093524	V50-2+NPE-280
5093526	V50-3+NPE-280
5093531	V50-1+NPE+FS-280
5093533	V50-3+NPE+FS-280
5095609	C50-0-255

<b>V50 - 320V Versionen</b>	
5093509	V50-0-320
5093540	V50-1-320
5093546	V50-1+FS-320
5093542	V50-3-320
5093548	V50-3+FS-320
5093552	V50-1+NPE-320
5093554	V50-3+NPE-320
5093560	V50-1+NPE+FS-320
5093562	V50-3+NPE+FS-320
<b>V50 - 385V Versionen</b>	
5093510	V50-0-385
5093572	V50-1-385
5093578	V50-1+FS-385
5093574	V50-3-385
5093580	V50-3+FS-385
5093584	V50-1+NPE-385
5093586	V50-3+NPE-385
5093590	V50-1+NPE+FS-385
5093592	V50-3+NPE+FS-385