

Certificate of Compliance

Certificate Number 20100504-E192116
Report Reference E192116, 1998 November 6
Issue Date 2010 May 4

Page 1 of 4



**Underwriters
Laboratories Inc.®**

Issued to: **VINCOTECH (HUNGARY) LTD**

KOSSUTH L U 59
2060 BICSKE HUNGARY

*This is to certify that
representative samples of*


POWER SWITCHING SEMI-CONDUCTORS
See Addendum Page

*Have been investigated by Underwriters Laboratories Inc.® (UL) or any authorized
licensee of UL in accordance with the Standard(s) indicated on this Certificate.*

Standard(s) for Safety: UL 1557 - Standard for Electrically Isolated Semiconductor Devices.
Fourth Edition.

Additional Information: See UL On-Line Certification Directory at www.UL.com for additional information.

Only those products bearing the UL Recognized Component Mark should be considered as being covered by UL's Recognition 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.

Look for the UL Recognized Component Mark on the product

William R. Carney
Director, North American Certification Programs
Underwriters Laboratories Inc.

Certificate of Compliance

Certificate Number **20100504-E192116**
Report Reference **E192116, 1998 November 6**
Issue Date **2010 May 4**

Page 2 of 4



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

Cat. No. V23990 followed by -P, followed by 8, followed by 0,1,2,3,4,5,6,7,8 or 9 followed by A, B, C, D, J or E-Z, may be followed by additional suffixes.

Cat. No. V23990 followed by -P, followed by 1, followed 1,3,4, or 9. followed by A, B, or D, may be followed by additional suffixes.

Cat. No. V23990 followed by -P, followed by 6, followed by 8 or 9, followed by A.

Cat. No. V23990 followed by -P, followed by 211, 213, 214 or 311 followed by A, B, or D, may be followed by additional suffixes.

Cat. No. V23990 followed by -P, followed by 28, followed by 0,1,2,3,4,5,6,7, 8 or 9 followed by A-Z, may be followed by additional suffixes.

Cat. No. V23990 followed by -P, followed by 30, followed by 0,1,2,3,4, 5,6,7,8 or 9 followed by B, D, may be followed by additional suffixes.

Cat. No. V23990 followed by -P followed by 34, followed by 0,1,3,4 or 9, followed by A or B, may be followed by additional suffixes.

Cat. No. V23990 followed by -P, followed by 18, followed by 0,5,6,8 or 9 followed by A, B, C, D, E, or F, may be followed by additional suffixes.

Cat. No. V23990 followed by -P, followed by 33, followed by 0,5,6,8 or 9 followed by A or C, may be followed by additional suffixes.

Cat. No. V23990 followed by -P, followed by 260, 350 or 351 followed by A, may be followed by additional suffixes.

Cat. No. V23990 followed by -P, followed by 290 followed by B, may be followed by additional suffixes.

Cat. No. V23990 followed by -P, followed by 110, followed by A, may be followed by additional suffixes.

Cat. No. V23990 followed by -P, followed by 32, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, followed by A.

Cat. No. V23990 followed by -P, followed by 38, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, followed by A, may be followed by numbers.

Cat. No. V23990 followed by -P, followed by 43, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, followed by F.

Cat. No. V23990 followed by -P, followed by 46, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, followed by A.

Cat. No. V23990 followed by -P, followed by 48, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, followed by a letter and may be followed by numbers.

Cat. No. V23990 followed by -P, followed by 45, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, followed by A, may be followed by numbers.

Cat. No. V23990 followed by -P, followed by 47, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, followed by F, may be followed by numbers.

Cat. No. V23990 followed by -P, followed by 36, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, followed by F, may be followed by additional suffixes.

William R. Carney
Director, North American Certification Programs
Underwriters Laboratories Inc.

Certificate of Compliance

Certificate Number **20100504-E192116**
Report Reference **E192116, 1998 November 6**
Issue Date **2010 May 4**

Page 3 of 4



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

Cat. No. V23990 followed by -P, followed by 37, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, followed by B or D, may be followed by additional suffixes.

Cat. No. V23990 followed by -P, followed by 40, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, followed by B or D, may be followed by numbers.

Cat. No. V23990 followed by -P, followed by 44, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, followed by C or D, may be followed by numbers.

Cat. No. V23990 followed by -P, followed by 50, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, followed by a letter and may be followed by numbers.

Cat. No. V23990 followed by -P, followed by 51, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, followed by a letter and may be followed by numbers.

Cat. No. V23990 followed by -P, followed by 53, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, followed by a letter and may be followed by numbers.

Cat. No. V23990 followed by -P, followed by 54, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, followed by a letter and may be followed by numbers.

Cat. No. V23990 followed by -P, followed by 55, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, followed by a letter and may be followed by numbers.

Cat. No. V23990, followed by -P, followed by 56 or 57, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, may be followed by additional suffixes.

Cat. No. V23990, followed by -P, followed by 58 followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, followed by a letter and may be followed by numbers.

Cat. No. V23990, followed by -P, followed by 59 or 60, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, may be followed by additional suffixes.

Cat. No. V23990, followed by -P, followed by 61, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, may be followed by additional suffixes.

Cat. No. V23990 followed by -P, followed by 62, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, may be followed by additional suffixes.

Cat. No. V23990 followed by -P, followed by 63, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, may be followed by additional suffixes.

Cat. No. V23990 followed by -P, followed by 64, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, may be followed by additional suffixes.

Cat. No. V23990 followed by -P, followed by 65, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, may be followed by additional suffixes.

Cat. No. V23990 followed by -P, followed by 66, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, may be followed by additional suffixes.

William R. Carney
Director, North American Certification Programs
Underwriters Laboratories Inc.

Certificate of Compliance

Certificate Number **20100504-E192116**
Report Reference **E192116, 1998 November 6**
Issue Date **2010 May 4**

Page 4 of 4



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

Cat. No. V23990 followed by -P, followed by 68, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, may be followed by additional suffixes.

Cat. No. V23990 followed by -P, followed by 69, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, may be followed by additional suffixes.

Cat. No. V23990 followed by -P, followed by 70, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, may be followed by additional suffixes.

Cat. No. V23990 followed by -P, followed by 71, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, may be followed by additional suffixes.

Cat. No. V23990 followed by -P, followed by 72, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, may be followed by additional suffixes.

Cat. No. V23990 followed by -P, followed by 73, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, may be followed by additional suffixes.

Cat. No. V23990 followed by -P, followed by 76, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, may be followed by additional suffixes.

Cat. No. V23990 followed by -P, followed by 80, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, may be followed by additional suffixes.

Cat. No. V23990 followed by -P, followed by 82, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, may be followed by additional suffixes.

Cat. No. V23990 followed by -P, followed by 83, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, may be followed by additional suffixes.

Cat. No. V23990 followed by -P, followed by 84, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, may be followed by additional suffixes.

Cat. No. V23990 followed by -P, followed by 86, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, may be followed by additional suffixes.

Cat. No. V23990 followed by -K, followed by 10, 11, 12, 13, 15, 16, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, or 29, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, or 9, followed by a letter, may be followed by additional suffixes.

Cat. No. V23990 followed by -K, followed by 3, 4, or 5, followed by two numbers, followed by a letter, may be followed by additional suffixes.

Cat. No. 10- followed by numbers and letters, may be followed by additional suffixes

Cat. No. 30- followed by numbers and letters, may be followed by additional suffixes

Cat. No. 3B- followed by numbers and letters, may be followed by additional suffixes

Cat. No. 70- followed by numbers and letters, may be followed by additional suffixes

Cat. No. 80- followed by numbers and letters, may be followed by additional suffixes

William R. Carney
Director, North American Certification Programs
Underwriters Laboratories Inc.