

CERTIFICATE

Issued to:
Applicant:
CITEL SAS
29 boulevard Edgar Quinet
75014 Paris, France

Licensee:
CITEL SAS
29 boulevard Edgar Quinet
75014 Paris, France

Product : Surge protective devices in photovoltaic applications
Trade name(s) : CITEL
Type(s)/model(s) : DPVN40CVG-21Y-1200, DPVN40CVG-21Y-1500, DPVN40CVG-21Y-600,
DPVN40CVG-21Y-850, DPVN40CVGS-21Y-1200, DPVN40CVGS-21Y-1500,
DPVN40CVGS-21Y-600 and DPVN40CVGS-21Y-850

The product and any acceptable variation thereof as specified in the Annex to this certificate and the documents referred to therein.

DEKRA hereby declares that the above-mentioned product has been certified based on:

- a type test according to EN 61643-31:2019
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6058013

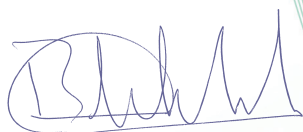
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on 30 May 2024 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-141446

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



K. Lin
Certification Manager

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ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Surge protective devices in photovoltaic applications
Trade name(s)	: CITEL
Type(s)/model(s)	: DPVN40CVG-21Y-1200, DPVN40CVG-21Y-1500, DPVN40CVG-21Y-600, DPVN40CVG-21Y-850, DPVN40CVGS-21Y-1200, DPVN40CVGS-21Y-1500, DPVN40CVGS-21Y-600 and DPVN40CVGS-21Y-850
Number of port(s)	: One
SPD type (Test class)	: Type 2 (II) & Type 3 (III)
Nominal discharge current (In 8/20µs)	: 20 kA
Total discharge current (Imax)	: 40 kA
Open circuit voltage for Type 3 (III) (Uoc)	: 6 kV
Total discharge current for multipole SPD (Itotal)	: 60 kA
Short-circuit current rating (Iscpv)	: 15 kA
Modes of protection	: + to -, + to PE, - to PE
Connection	: 2.5 to 35 mm ² solid conductor 2.5 to 25 mm ² stranded conductor

Product data – type DPVN40CVG-21Y-1200 and DPVN40CVGS-21Y-1200

Maximum continuous operating voltage (Ucpv)	: 1200 Vdc
Voltage protection level (Up)	: 4.3 kV

Product data – type DPVN40CVG-21Y-1500 and DPVN40CVGS-21Y-1500

Maximum continuous operating voltage (Ucpv)	: 1500 Vdc
Voltage protection level (Up)	: 4.8 kV

Product data – type DPVN40CVG-21Y-600 and DPVN40CVGS-21Y-600

Maximum continuous operating voltage (Ucpv)	: 600 Vdc
Voltage protection level (Up)	: 2.3 kV

Product data – type DPVN40CVG-21Y-850 and DPVN40CVGS-21Y-850

Maximum continuous operating voltage (Ucpv)	: 850 Vdc
Voltage protection level (Up)	: 3.3 kV

TESTS**Test requirements**

EN 61643-31:2019

Test result

The test results are documented in DEKRA test file 618934200.

Additional information

The list of components is laid down in test report 6189342.50.

Conclusion

The examination has confirmed that all requirements were met.

Factory location

CCSH Manufacturing Co., LTD.
499, Kangyi Road, Kang Qiao Industrial Zone
201315 Shanghai, China

Trade name(s): CITEL stands for 

The CITEL logo features a yellow stylized 'C' with a sunburst pattern inside, positioned above the word "CITEL" in a grey, sans-serif font.