

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 device for photovoltaic installations
Trade name(s) : CITEL
Type(s)/model(s) : DPVN1-6C-21Y-1200, DPVN1-6C-21Y-1500, DPVN1-6C-21Y-600,
DPVN1-6C-21Y-850, DPVN1-6CS-21Y-1200, DPVN1-6CS-21Y-1500,
DPVN1-6CS-21Y-600 and DPVN1-6CS-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

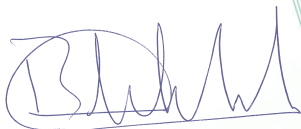
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

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 24 January 2025 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-153112

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



Miranda Zhou
Certification Manager

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ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

| | |
|--|---|
| Product | : Surge protective device for photovoltaic installations |
| Trade name(s) | : CITEL |
| Type(s)/model(s) | : DPVN1-6C-21Y-1200, DPVN1-6C-21Y-1500, DPVN1-6C-21Y-600, DPVN1-6C-21Y-850, DPVN1-6CS-21Y-1200, DPVN1-6CS-21Y-1500, DPVN1-6CS-21Y-600 and DPVN1-6CS-21Y-850 |
| Number of port(s) | : One |
| SPD type (Test class) | : Type 1 (I) & Type 2 (II) & Type 3 (III) |
| Maximum continuous operating voltage (Ucpv) | : 600 Vdc (For models DPVN1-60C-21Y-600 and DPVN1-60CS-21Y-600); 850 Vdc (For models DPVN1-60C-21Y-850 and DPVN1-60CS-21Y-850); 1200 Vdc (For models DPVN1-60C-21Y-1200 and DPVN1-60CS-21Y-1200); 1500 Vdc (For models DPVN1-60C-21Y-1500 and DPVN1-60CS-21Y-1500) |
| Impulse discharge current (Iimp 10/350µs) | : 6.25 kA |
| Nominal discharge current (In 8/20µs) | : 20 kA |
| Maximum discharge current (Imax 8/20µs) | : 40 kA |
| Open circuit voltage (Uoc) | : 6 kV |
| Voltage protection level (Up) | : 2.3 kV (For models DPVN1-60C-21Y-600 and DPVN1-60CS-21Y-600); 3.3 kV (For models DPVN1-60C-21Y-850 and DPVN1-60CS-21Y-850); 4.3 kV (For models DPVN1-60C-21Y-1200 and DPVN1-60CS-21Y-1200); 4.8 kV (For models DPVN1-60C-21Y-1500 and DPVN1-60CS-21Y-1500) |
| Short-circuit current rating (Iscrr) | : 15 kA |
| Modes of protection | : + to -, + to PE, - to PE |
| Connection | : 2.5 to 35 mm ² for solid conductor 2.5 to 25 mm ² for stranded conductor |
| Degree of protection | : IP20 |

TESTS**Test requirements**

EN 61643-31:2019

Test result

The test results are documented in DEKRA test file 619490800.

Additional information

The list of components is laid down in test report 6194908.50.

Conclusion

The examination has confirmed that all requirements were met.

Factory location

The factory location is registered with the number 44027.

Trade name(s): CITEL stands for  **CITEL**

The CITEL logo features a yellow sun-like symbol with rays, positioned above the word "CITEL" which is written in a bold, grey, sans-serif font.