

CERTIFICATE

Issued to:
Applicant:
CITEL SAS
2 Rue Troyon
92316 Sèvres Cedex, France

Licensee:
CITEL SAS
2 Rue Troyon
92316 Sèvres Cedex, France

Product : Surge Protective Device
Trade name(s) : CITEL
Type(s)/model(s) : ZPAC1-8VG-31-275, ZPAC1-8VG-PRO-M, ZPAC1-8VG-PRO-S,
ZPAC1-8VG-PRO-SM, ZPAC1-8VG-PRO-SU, ZPAC1-8VG-PRO-SUM,
ZPAC1-8VG-PRO-U and ZPAC1-8VG-PRO-UM

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

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

- a type test according to EN 61643-11:2012 and EN 61643-11:2012/A11:2018
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6058013

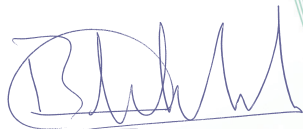
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

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 21 March 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-127725

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



D Huang
Certification Manager

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ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Surge Protective Device
Trade name(s)	: CITEL
Type(s)/model(s)	: ZPAC1-8VG-31-275, ZPAC1-8VG-PRO-M, ZPAC1-8VG-PRO-S, ZPAC1-8VG-PRO-SM, ZPAC1-8VG-PRO-SU, ZPAC1-8VG-PRO-SUM, ZPAC1-8VG-PRO-U and ZPAC1-8VG-PRO-UM
Number of port(s)	: One
SPD design topology	: Combination, Voltage switching
SPD type (Test class)	: Type 1 (I) & Type 2 (II) & Type 3 (III) Only for L-N
Maximum continuous operating voltage (Uc)	: 275 Vac (L-N) / 255 Vac (N-PE)
Impulse discharge current (Iimp 10/350µs)	: 8 kA
Nominal discharge current (In 8/20µs)	: 20 kA
Maximum discharge current (Imax 8/20µs)	: 50 kA
Total discharge current (Itotal(imp))	: 30 kA
Open circuit voltage for Type 3 (III) (Uoc)	: 6 kV (Only for L-N)
Voltage protection level (Up)	: 1,5 kV
Short-circuit current rating (Iscrr)	: 50 kA
Maximum overcurrent protection (fuse)	: 315 A gG
Connection	: 2,5 mm ² to 25 mm ² for stranded conductor 2,5 mm ² to 35 mm ² for solid conductor

Product data – type ZPAC1-8VG-31-275

Additional function : None

Product data – type ZPAC1-8VG-PRO-M

Additional function : With Sensor for LSCM-D

Product data – type ZPAC1-8VG-PRO-S

Additional function : With Remote Signaling

Product data – type ZPAC1-8VG-PRO-SM

Additional function : With Remote Signaling,
With Sensor for LSCM-D

Product data – type ZPAC1-8VG-PRO-SU

Additional function : With Remote Signaling,
With Voltage taps

Product data – type ZPAC1-8VG-PRO-SUM

Additional function : With Remote Signaling,
With Voltage taps,
With Sensor for LSCM-D

Product data – type ZPAC1-8VG-PRO-U

Additional function : With Voltage taps

Product data – type ZPAC1-8VG-PRO-UM

Additional function : With Voltage taps,
With Sensor for LSCM-D

TESTS**Test requirements**

EN 61643-11:2012

EN 61643-11:2012/A11:2018

Test result

The test results are laid down in DEKRA test file 613983600.

Additional information

The list of components is laid down in test report 6139836.51.

Conclusion

The examination proved 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  **CITEL**

The text "Trade name(s): CITEL stands for" is followed by a small yellow circular logo with a sunburst pattern, and then the word "CITEL" in a bold, grey, sans-serif font.