

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
Trade name(s) : CITEL
Type(s)/model(s) : MLP1-230L-P/20K

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 61643-11:2012 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

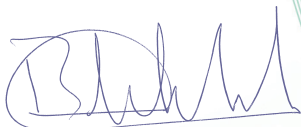
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

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.

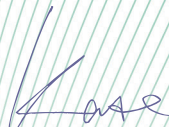
This certificate is issued on 9 October 2024 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-147808

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



K Xu
Certification Manager

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ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Surge Protective Devices
Trade name(s)	: CITEL
Type(s)/model(s)	: MLP1-230L-P/20K
Number of port(s)	: One
SPD design topology	: Voltage limiting, Combination
SPD type (Test class)	: Type 2 (II) & Type 3 (III)
Maximum continuous operating voltage (Uc)	: 320 Vac (L-N, L-PE)
Nominal discharge current (In 8/20µs)	: 10 kA
Maximum discharge current (Imax 8/20µs)	: 20 kA
Open circuit voltage (Uoc)	: 20 kV
Voltage protection level (Up)	: 1.5 kV (L-N, L-PE)
Rated load current (IL)	: 5 A
Short-circuit current rating (Iscrr)	: 10 kA
Modes of protection	: L-N, L-PE
Connection	: 0.5 to 1.5 mm ²
Degree of protection	: IP20
Maximum overcurrent protection	: 32 A gG Fuse

TESTS**Test requirements**

EN 61643-11:2012

EN 61643-11:2012/A11:2018

Test result

The test results are documented in DEKRA test file 620232100.

Additional information

The list of components is laid down in test report 6202321.50.

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  **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.