

CERTIFICATE

Issued to:
Applicant:
DongGuan Littelfuse Electronics Co., Ltd
Nanfang East Road, Beice, Humen,
523925 Dongguan, Guangdong Province, China

Licensee:
DongGuan Littelfuse Electronics Co., Ltd
Nanfang East Road, Beice, Humen,
523925 Dongguan, Guangdong Province, China

Product : Surge Protective Devices
Trade name(s) : LITTELFUSE
Type(s)/model(s) : LSP05GI240PXXXXX, LSP05GI240SXXXXX, LSP05GI277PXXXXX and LSP05GI277SXXXXX

The product and any acceptable variation thereto is 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 the standard(s) 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 3182815

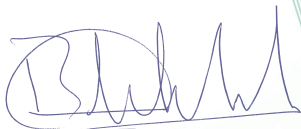
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

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 7 May 2021 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-116015 REV.1

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



K Xu
Certification Manager

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COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Surge Protective Devices
Trade name(s)	: LITTELFUSE
Type(s)/model(s)	: LSP05GI240PXXXXX, LSP05GI240SXXXXX, LSP05GI277PXXXXX and LSP05GI277SXXXXX
Number of ports	: One
SPD type (Test class)	: Type 2 (II) & Type 3 (III)
Nominal discharge current (In 8/20 μ s)	: 5 kA
Maximum discharge current (Imax 8/20 μ s)	: 10 kA
Open-circuit voltage for Type 3 (III) (Uoc)	: 10 kV
Short-circuit current rating (Iscrr)	: 300 A
Modes of protection	: L-N, L-PE and N-PE
Connection	: Pigtail connection
Degree of protection	: IP66

Product data – type LSP05GI240PXXXXX

Maximum continuous operating voltage (Uc)	: 275 V~
Voltage protection level (Up)	: 1300 V(L-N), 2400 V(L-PE), 2200 V(N-PE)
Maximum overcurrent protection	: 16 A fuse-link

Product data – type LSP05GI240SXXXXX

Maximum continuous operating voltage (Uc)	: 275 V~
Voltage protection level (Up)	: 1300 V(L-N), 2400 V(L-PE), 2200 V(N-PE)
Rated load current (IL)	: 10 A
Maximum overcurrent protection	: 16 A fuse-link

Product data – type LSP05GI277PXXXXX

Maximum continuous operating voltage (Uc)	: 320 V~
Voltage protection level (Up)	: 1400 V(L-N), 2400 V(L-PE), 2200 V(N-PE)
Maximum overcurrent protection	: 20 A gG fuse-link

Product data – type LSP05GI277SXXXXX

Maximum continuous operating voltage (Uc)	: 320 V~
Voltage protection level (Up)	: 1400 V(L-N), 2400 V(L-PE), 2200 V(N-PE)
Rated load current (IL)	: 10 A
Maximum overcurrent protection	: 20 A gG fuse-link

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 317794800, 609445700.

Additional information

The product also complies with IEC 61643-11:2011.

This certificate replaces certificate No. 31-116015 which we hereby declare invalid.


The list of components is laid down in test report 3177948.50, 3177948.51, 3177948.52, 3177948.53, 6094457.52 and 6094457.53.

Conclusion

The examination proved that all requirements were met.

Factory location

DongGuan Littelfuse Electronics Co., Ltd
Nanfang East Road, Beice, Humen,
523925 Dongguan, Guangdong Province, China

Trade name(s): LITTELFUSE stands for The Littelfuse logo features a green square icon with a white lightning bolt symbol, followed by the word "Littelfuse" in a bold, green, sans-serif font.