

# 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

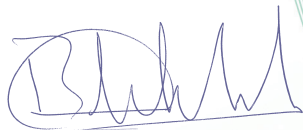
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

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.

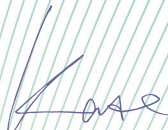
This certificate is issued on 7 May 2021 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-116015 REV.1

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



K Xu  
Certification Manager

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DUTCH ACCREDITATION  
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**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

|                                                |                                                                                |
|------------------------------------------------|--------------------------------------------------------------------------------|
| Product                                        | : Surge Protective Devices                                                     |
| Trade name(s)                                  | : LITTELFUSE                                                                   |
| Type(s)/model(s)                               | : LSP05GI240PXXXXX, LSP05GI240SXXXXX,<br>LSP05GI277PXXXXX and LSP05GI277SXXXXX |
| Number of ports                                | : One                                                                          |
| SPD type (Test class)                          | : Type 2 (II) & Type 3 (III)                                                   |
| Nominal discharge current (In<br>8/20µs)       | : 5 kA                                                                         |
| Maximum discharge current (Imax<br>8/20µs)     | : 10 kA                                                                        |
| Open-circuit voltage for Type 3 (III)<br>(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<br>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<br>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<br>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<br>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 stylized 'L' and 'F' inside, followed by the word "Littelfuse" in a bold, green, sans-serif font.