

CERTIFICATE

Issued to:
Applicant:
Tyco Electronics Austria GmbH
Schrackstrasse 1
3830 Waidhofen, Austria

Licensee:
Tyco Electronics Austria GmbH
Schrackstrasse 1
3830 Waidhofen, Austria

Product : Connectors for DC-application in photovoltaic systems
Trade name(s) : Solarlok 2.0 or TE Connectivity
Type(s)/model(s) : SLK-zz-y-BL-XX

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) IEC 62852:2014 and EN 62852:2015
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6059800

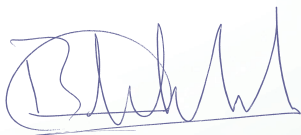
DEKRA hereby grants the right to use the DEKRA Seal certification mark.

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.


This certificate is issued on 3 June 2021 and expires at the latest on 3 June 2026.

Certificate number: 31-119033

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



H.R.M. Barends
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Connectors for DC-application in photovoltaic systems
Trade name(s)	: Solarlok 2.0 or TE Connectivity
Type(s)/model(s)	: SLK-zz-y-BL-XX
Rated Voltage	: 1500 Vdc
Rated Current	: 30 A for 2,5 mm ² 35 A for 4,0 mm ² 40 A for 6,0 mm ²
Ambient Temperature	: -40 °C to +85 °C
Upper Limit Temperature	: +105°C
Cross Section Range	: 1 x 2,5 mm ² ; 1 x 4,0 mm ² ; 1 x 6,0 mm ²
Protection Degree	: IP 65, IP 66 and IP 68(24 h, 1 m)
Application Class	: Class A

TESTS**Test requirements**

IEC 62852:2014
EN 62852:2015

Test result

The test results are laid down in DEKRA test file 610087500.

Additional information

Type(s)model(s) description:
SLK-zz-y-BL-XX

zz:

- PI = PV4-S pin to IDC
- SK = PV4-S socket to IDC

y:

- 1 per package
- 5 per package
- 9 per package

BL:

- BL = Black

XX:

- XX = No fuse or Diode


The list of components is laid down in test report 6100875A.50.


Conclusion

The examination proved that all requirements were met.

Factory location

Tyco Electronics EC Trutnov s.r.o.
Komenskeho 821
541 83 Trutnov, Czech Republic

Trade name(s): Solarlok 2.0 stands for 

TE Connectivity stands for 

Unique Identifier

