

CERTIFICATE

Issued to:
Applicant:
Tyco Electronics Corp.
2901 Fulling Mill Road
PA 17057 Middletown, United States of America

Manufacturer/Licensee:
Tyco Electronics Corp.
2901 Fulling Mill Road
PA 17057 Middletown, United States of America

Product(s) : insulation-piercing connecting devices
Trade name(s) : TYCO ELECTRONICS
Type(s)/model(s) : 293545-3, 293545-4

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 EN 60998-1:2004 and EN 60998-2-3:2004
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2137305

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

The ENEC KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the ENEC KEMA-KEUR certification agreement and under the conditions of the ENEC KEMA-KEUR certification agreement.

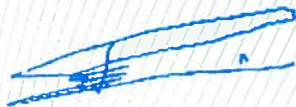
This certificate is issued on 13 April 2015 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2173263.02

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



F.S. Strikwerda
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	:	insulation-piercing connecting devices
trade name(s)	:	TYCO ELECTRONICS
type(s)	:	293545-3, 293545-4
customer description	:	coolsplice
rated insulation voltage	:	450 V
rated current	:	5 A
rated connecting capacity	:	0,5 mm ² (AWG 18), rigid (solid and stranded) conductors 0,34 mm ² (AWG 22), rigid (solid and stranded) conductors
design	:	non-reusable

Product data - type 293545-3

degree of protection : IP20

Product data - type 293545-4

degree of protection : IP65 and IP67

TESTS**Test requirements**

EN 60998-1:2004
EN 60998-2-3:2004

Test result

The test results are laid down in DEKRA test file 2173263.02.

Remarks

This certificate replaces our certificate 2151328.01 dated 2012-04-13 and is also partly based on the results of that certificate.

Conclusion

The examination proved that all test requirements were met.

Tested by : B.Veenvliet



Checked by : H.L.Schendstok

**Factory locations**

Tyco Electronics (Zhuhai) Ltd.
Building #10A & 10B, Hengli Industrial Area, Zhuhai Free Trade Zone, Zhuhai 519030
Guangdong, China