Test Report issued under the responsibility of:

TÜVRheinland®

TEST REPORT
IEC 61984
Connectors – Safety requirements and tests

Report Number :	**28240240 002**
Date of issue :	2017-09-27
Total number of pages :	38
Applicant's name :	**TE Connectivity Corporation**
Address :	2901 Fulling Mill Road, Middletown, PA 17057
Test specification:	
Standard :	**IEC 61984:2008 (2nd Edition)**
Test procedure :	CB Scheme
Non-standard test method :	N/A
Test Report Form No. :	IEC61984B
Test Report Form(s) Originator :	VDE Testing and Certification Institute
Master TRF :	Dated 2010-05

If this Test Report Form is used by non-IECEE members, the IECEE/IEC logo and the reference to the CB Scheme procedure shall be removed.

This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.

Test item description :	**"LIGHT-N-LOK" connectors without breaking capacity**
Trade Mark :	TE
Manufacturer :	TE Connectivity Corporation
Model/Type reference :	2834048, 2834049, 2834054, 2834055 (see General Product Information on page 5)
Ratings :	3 A or 8 A 600 V AC (see General Product Information on page 5)

Testing procedure and testing location:			
☒	**Testing Laboratory:**	**TÜV Rheinland InterCert Kft., Division MEEI**	
Testing location/ address.....:		H-1132 Budapest, Váci út 48/A-B., Hungary	
☒	**Associated CB Laboratory:**	**TÜV Rheinland InterCert Kft., Division MEEI**	
Testing location/ address.....:		H-1132 Budapest, Váci út 48/A-B., Hungary	
	Tested by (name + signature) .....:	László SZÁSZIK test engineer	
		Márk LAJHÓ test technician	
	Approved by (+ signature).....:	István VARGA reviewer	
☐	**Testing procedure: TMP**		
Testing location/ address.....:			
	Tested by (name + signature) .....:		
	Approved by (+ signature) .....:		
☐	**Testing procedure: WMT**		
Testing location/ address.....:			
	Tested by (name + signature) .....:		
	Witnessed by (+ signature) .....:		
	Approved by (+ signature) .....:		
☐	**Testing procedure: SMT**		
Testing location/ address ..... :			
	Tested by (name + signature) .....:		
	Approved by (name + signature) ....:		
	Supervised by (name + signature) ..:		
☐	**Testing procedure: RMT**		
Testing location/ address ..... :			
	Tested by (name + signature) .....:		
	Approved by (name + signature) ....:		
	Supervised by (name + signature) ..:		

List of Attachments (including a total number of pages in each attachment):

N/A

Summary of testing:

The test item passed the test specification(s) above.

1./ Cross-sectional area of the attachable conductor is not corresponding to the table 1 of IEC 61984 so during the tests the rated cross-sectional area specified by the manufacturer were used.

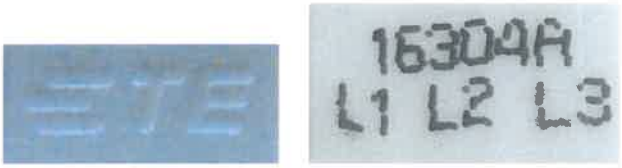
2./ Test results in the table No.: 0.3.2, 0.3.3 and 0.3.4 are only informative. Test conditions according to IEC 60309-1:1999.

Tests performed (name of test and test clause):	**Testing location:**
All relevant tests were performed.	**TÜV Rheinland InterCert Kft., Division MEEI** H-1132 Budapest, Váci út 48/A-B., Hungary

Summary of compliance with National Differences:

No National Differences were tested.

Copy of marking plate e.g.:



Test item particulars..... :	
Classification of installation and use..... :	See table 0.1
Existence of an enclosure: ..... :	unenclosed / enclosed
Style of connector: ..... :	free
Additional characteristics:	
a) Connector with protective earthing contact ..... :	yes / no
b) Connector with cable clamp..... :	yes / no
c) Connector without breaking capacity..... :	yes / no
d) CBC with protection against electric shock for finger safety..... :	yes / no
e) Degree of protection of a connector ..... :	IP 00
f) Connector for class II equipment ..... :	yes / no
g) Connector with interlock..... :	yes / no
h) Non rewirable connector ..... :	yes / no
j) Terminations and connection methods..... :	screwless terminals
..... :	
Possible test case verdicts:	
- test case does not apply to the test object..... :	N/A
- test object does meet the requirement ..... :	P (Pass)
- test object does not meet the requirement ..... :	F (Fail)
Testing.....:	
Date of receipt of test item..... :	2017-06-07
Date(s) of performance of tests..... :	from 2017-08-08 to 2017-09-27

General remarks:

The test results presented in this report relate only to the object tested.
This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.
"(see Enclosure #)" refers to additional information appended to the report.
"(see appended table)" refers to a table appended to the report.

Throughout this report a ☒ comma / ☐ point is used as the decimal separator.

Manufacturer's Declaration per Sub-clause 6.2.5 of IECEE 02:

The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided .

☐ Yes

☒ Not applicable

General product information:

The connector is made of thermoplastic material. The terminals are screwless-type. The connectors with 2 or 3 poles are equal material and construction. Into terminal can be connecting rigid solid wire. Number of connectable wire: 1 / terminal.

Type variants:

Description	Material	Type	Number of poles
Wire-to-Wire Receptacle	PA	2834049	2
Wire-to-Wire Plug		2834048	2
Wire-to-Wire Receptacle		2834055	3
Wire-to-Wire Plug		2834054	3

Ratings:

- 600 V ac
- 3 A — 20-24 AWG Solid
- 8 A — 16-18 AWG Solid