Test Report issued under the responsibility of:

TÜVRheinland®

TEST REPORT
IEC 60998-2-2
Connecting devices for low voltage circuits for household and similar purposes
Part 2-2: Particular requirements for connecting devices as separate entities with screwless-type clamping units

Report Reference No.....	**28243055 001**
Date of issue.....	2018-03-20
Total number of page.....	25
Applicant's name.....	**TE Connectivity Corporation**
Address.....	2901 Fulling Mill Road, Middletown, PA 17057 USA
Test specification:	
Standard	IEC 60998-2-2 (see also IEC 60998-1:2002)
Test procedure..... :	CB Scheme
Non-standard test method.....	N/A
Test Report Form No. ..... :	IEC60998_2_2B
Test Report Form(s) Originator..... :	DEKRA certification B.V.
Master TRF ..... :	Dated 2013-02

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.....	**Inverted Through Board Connectors**
Trade Mark..... :	TE
Manufacturer..... :	TE Connectivity Corporation 2901 Fulling Mill Road, Middletown, PA 17057 USA
Model/Type reference..... :	2213189-1, 2213189-2, 2213189-3, 2213189-4 Details see on page 5
Ratings..... :	2213189-1, 2213189-3: 400 V, 3 A, 0,34-0,75 mm² (22-18 AWG), 2213189-2, 2213189-4: 400 V, 2 A, 0,13-0,20 mm² (26-24 AWG)

Testing procedure and testing location:		
☒ **CB Testing 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 (name + signature).....:	Zoltán TOKOS jr. reviewer	
☐ **Testing procedure: TMP**		
Testing location/ address.....:		
Tested by (name + signature) .....:		
Approved by (name + signature).....:		
☐ **Testing procedure: WMT**		
Testing location/ address.....:		
Tested by (name + signature) .....:		
Witnessed by (name + signature).....:		
Approved by (name + signature).....:		
☐ **Testing procedure: SMT**		
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):

Attachment to test report IEC 60998-2-2 (European group differences and national differences)

Summary of testing:

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

1. By the manufacturer, they are special connectors, shall be used only once. The connectors shall be connected only once with the wire. Considering to this, we applied the tests rationally.
2. Their load were limited by the manufacturer compared to the rating connecting capacity of the clamping unit, and they were given a rating current.
   So that, during some tests, where they shall use the test current based on the rating connecting capacity, we used the rating current, given by the manufacturer.
3. The manufacturer has provided the cross-section of the connectable wires in AWG. The tests were carried out with such wires, using the requirements for the cross-section given in mm^2 corresponding to the AWG cross-section. See in General product information on page 5.

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

☒ **The product fulfils the requirements of EN 60998-1:2004 and EN 60998-2-2:2004 in conjunction with IEC 60998-1:2002 and IEC 60998-2-2 : 2002**

Copy of marking plate: