






Test Report issued under the responsibility of:



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.....	28242809 001
Date of issue.....	2018-03-01
Total number of page.....	22
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
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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.....	2213188-1, 2213188-3, 2213188-3, 2213188-4 Details see on page 5
Ratings.....	400 V, 3 A

Testing procedure and testing location:		
<input checked="" type="checkbox"/>	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 
<input type="checkbox"/>	Testing procedure: TMP	
Testing location/ address.....:		
Tested by (name + signature)		
Approved by (name + signature).....:		
<input type="checkbox"/>	Testing procedure: WMT	
Testing location/ address.....:		
Tested by (name + signature)		
Witnessed by (name + signature).....:		
Approved by (name + signature).....:		
<input type="checkbox"/>	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 together. Because the standard doesn't exclude the possibility of this kind of connection, we rationally applied the requirements as non-universal terminals.
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.

Tests performed (name of test and test clause):

All relevant tests were performed.

Testing location:

 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:
