

Technical documentation		Table 2
Pursuant to Article 3 of Annex IV to Directive 2014/35/EU (EX-2006/95/EC) of 26 February on the harmonization of the laws of Member States relating to electrical equipment designed for use within certain voltage limits.(codified version)		
	Documents:	Evaluation :
a)	A general description of electrical equipment	+
b)	Conceptual design and manufacturing drawings, schemes of components , sub-assemblies,circuits,etc.,	+
c)	Descriptions and explanations necessary for the understanding of said drawings and schemes and the operation of the electrical equipment.	+
d)	A list of the standards applied in full or in part, and descriptions of the solutions adopted to satisfy the safety aspects of this directive where standards have not been applied	+
e)	Results of Design calculations made, examinations carried out, etc.,	+
f)	Test reports.	+



Evaluation  
+ documentation is complete and satisfactory  
- documentation is incomplete or unsatisfactory  
x documentation is not needed for the ordered activities



## FINAL REPORT

### No. 15-0248/001

**Product:** Connectors

**Type designation:** WP T-03 - IP68 3-poles Electrical Cable Joint (2 Way) 15A - 240 V  
WP I-03 - IP68 3-poles Electrical T Cable Joint (3 Way) 15A - 240 V  
WP A-03 - IP68 3-poles Electrical Cable Splitter (1 to 9 Way) 10A -250 V DC/AC

**Verification to:** 2104/35/EU EN 60309-1:1999/A1:2007/AC:2014

**Manufacturer:** TTAF ELEKTRONİK SAN. VE TİC. LTD. ŞTİ.  
Kavaklı Mah. İstanbul Cad. No:21 Beylikdüzü/İstanbul/TURKEY

**Person responsible:** Elec Eng Ergün CENGİZ

**Date of issue:** 2015-09-04

**Distribution list:** 1x TESTROOF  
1x Producer





The tests have been carried out by virtue of the following documents:

- Order ev. Number LVD115372 at TESTROOF on 2015-08-21
- Contract Number LVD115372 dated 2015-08-21

## I. Description of product

Connectors



Models:	Description:
WPT-03	IP68 3-poles Electrical Cable Joint (2 Way) 15A - 240 V
WPI-03	IP68 3-poles Electrical T Cable Joint (3 Way) 15A - 240 V
WPA-03	IP68 3-poles Electrical Cable Splitter (1 to 9 Way) 10A -250 V DC/AC

## II. Assessment of the submitted technical documentation

See Table 2

The submitted technical documentation is sufficient and appropriate for assessment of conformity with the technical requirements of Council Directive, 2014/35/EU (EX-2006/95/EC) of 26 February 2014 ( Electrical Equipment Used Certain Voltage Limits)





### III. Assessment of product conformity

See Table 1

### IV. Conclusion

It results from the Inspection of the submitted technical documentation and carried out verifications and examinations that the said product and it's variants have been designed and manufactured in line with technical requirements of Council Directive 2014/35/EU (EX-2006/95/EC) (Low Voltage Directive).

Responsible for correctness:

Elec. Eng. Ergün CENGİZ  
Manager of testing department



Murat KOÇAŞ  
Director of the Branch

#### List of applied documentation:

- Order ev. Number LVD115372 at TESTROOF on 2015-08-21
- Contract Number LVD115372 dated 2015-08-21
- Test report No. 15-0248/01
- Test report No. 15-0248/02
- Test report No. 15-0248/03
- EN 60309-1:1999/A1:2007/AC:2014 Plugs, socket-outlets and couplers for industrial purposes – Part 1: - General requirements
- User Manual
- Material Sheets for all models
- Electrical diagram all models
- Technical drawing all models
- Certificates and EC Declarations of conformity of all electric and mechanical components





<b>Principal elements of the safety objectives for electrical equipment designed for use within certain voltage limits</b>		<b>Table 1</b>	
Pursuant Annex I to Directive 2014/35/EU (EX-2006/95/EC) of 26 February 2014 on the harmonization of the laws of Member States relating to electrical equipment designed for use within certain voltage limits.			
<b>Technical requirements:</b>		<b>Applied standart, technical provision:</b>	<b>Documents:</b>
<b>1. General conditions:</b>			
a)	The essential characteristics, the recognition and observance of which will ensure that electrical equipment will be used safely and in applications for which it was made, shall be marked on the equipment, or, if it is not possible, on an accompanying notice.	EN 60309-1:1999/A1:2007/AC:2014	Technical requirements assessment report no. 15-0248/01, 15-0248/02, 15-0248/03
b)	The manufacturers or brand name or trade mark should be clearly printed on the electrical equipment or, where that is not possible, on the packaging.	EN 60309-1:1999/A1:2007/AC:2014	Technical requirements assessment report no. 15-0248/01, 15-0248/02, 15-0248/03
c)	The electrical equipment, together with its component parts should be made in such a way as to ensure that it can be safely and properly assembled and connected.	EN 60309-1:1999/A1:2007/AC:2014	Technical requirements assessment report no. 15-0248/01, 15-0248/02, 15-0248/03
d)	The electrical equipment should be so designed and manufactured as to ensure that protection against the hazards set out in points 2 and 3 of this annex is assured providing that the equipment is used in applications for which it was made and is adequately maintained.	EN 60309-1:1999/A1:2007/AC:2014	Technical requirements assessment report no. 15-0248/01, 15-0248/02, 15-0248/03
<b>2. Protection against hazards arising from the electrical equipment</b>			
	Measures of a technical nature should be prescribed in accordance with point 1, in order to ensure:		
a)	The persons and domestic animals are adequately protected against danger of physical injury or other harm which might be caused by electrical contact direct or indirect,	EN 60309-1:1999/A1:2007/AC:2014	Technical requirements assessment report no. 15-0248/01
b)	That temperatures, arcs or radiation which cause a danger, are not produced	EN 60309-1:1999/A1:2007/AC:2014	report no. 15-0248/01



Evaluation  
 + documentation is complete and satisfactory  
 - documentation is incomplete or unsatisfactory  
 x documentation is not needed for the ordered activities



Principal elements of the safety objectives for electrical equipment designed for use within certain voltage limits Pursuant Annex I to Directive 2014/35/EU (EX-2006/95/EC) of 26 February on the harmonization of the laws of Member States relating to electrical equipment designed for use within certain voltage limits. (codified version)		Table 1
Technical requirements:	Applied standart, technical provision:	Documents: Evaluation:
c) That persons, domestic animals and property are adequately protected against nonelectrical dangers caused by the electrical equipment which are revealed by experience	EN 60309-1:1999/A1:2007/AC:2014	Technical requirements assessment report no. 15-0248/01, 15-0248/02, 15-0248/03 +
d) That the insulation must be suitable for foreseeable conditions.	EN 60309-1:1999/A1:2007/AC:2014	Technical requirements assessment report no. 15-0248/01, 15-0248/02, 15-0248/03 +
<b>3. Protection against hazards which may be caused by external influences on the electrical equipment</b> Technical measures are be laid down in accordance with point 1, in order to ensure:		
a) That the electrical equipment meet the expected mechanical requirements in such a way that persons, domestic animals and property are not endangered.	EN 60309-1:1999/A1:2007/AC:2014	Technical requirements assessment report no. 15-0248/01, 15-0248/02, 15-0248/03 +
b) That the electrical equipment shall be resistant to non-mechanical influences in expected environmental conditions in such a way that persons, domestic animals and property are not endangered.	EN 60309-1:1999/A1:2007/AC:2014	Technical requirements assessment report no. 15-0248/01, 15-0248/02, 15-0248/03 +
c) That the electrical equipment shall not endanger persons, domestic animals and property in foreseeable conditions of overload.	EN 60309-1:1999/A1:2007/AC:2014	Technical requirements assessment report no. 15-0248/01, 15-0248/02, 15-0248/03

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