



Product Service

Add value.
Inspire trust.



Constructional Safety Technical Report No. 713266823

Version: 1
Dated 2022-10-27

Applicant: IFTOOLS GmbH, Matterhornstr. 17, 65199 Wiesbaden, GERMANY
Manufacturer: IFTOOLS GmbH, Matterhornstr. 17, 65199 Wiesbaden, GERMANY
Factory: IFTOOLS GmbH, Matterhornstr. 17, 65199 Wiesbaden, GERMANY
Test object: ISOUSB-PLUS-CABLE
ISOUSB-PLUS-BOX

This technical report may only be quoted in full. Any use for advertising purposes must be granted in writing. This report is the result of a single examination of the object in question and is not generally applicable evaluation of the quality of other products in regular production.

Doc No.
GER_MUC_T_02.01EN
ID 135896 Rev. 2 -
released
Effective: 26 Jul 2022

Report No.: 713266823
Version: 1
Page 1 of 5

Project Manager:
Joachim Arzt
Date: 2022-10-27

Phone: +49 89 50084-129
Email:
Joachim.Arzt@tuvsud.com



TÜV SÜD Product Service
GmbH
Active Medical Products
Ridlerstrasse 65
80339 Munich, Germany



Summary of Testing

- Test specifications:
- IEC 60601-1:2005+AMD1:2012+AMD2:2020, without clauses
 - 11.7 (biocompatibility)
 - 17 (EMC)

For abbreviations (VT, CB, NRTL, DAkkS) see below.

Purpose of examination: CB Scheme (abbr. "CB")

Test result: The test results show that the presented product is in compliance with the test specifications.
A detailed evaluation of the above-mentioned test specifications is available in the individual TRFs (test report form) of project 713266823.



TABLE OF CONTENT

1	Description of the test subject	4
1.1	Function	4
1.2	Ratings.....	4
2	Order.....	4
2.1	Date of Purchase Order	4
2.2	Date of Receipt of Test Subject.....	4
3	Test Results	4
3.1	Electrical and Mechanical Safety.....	4
4	Remarks.....	5
5	Summary.....	5
6	History.....	5

1 Description of the test subject

1.1 Function

Device is used to uncouple the electrical potential of all USB 2.0 and 1.1 connections.

1.2 Ratings

Ratings 5Vdc, 0.9 A in, 0.5 A out, IP30

2 Order

2.1 Date of Purchase Order

The testing of the ISOUSB-PLUS-CABLE and ISOUSB-PLUS-BOX have been carried out per purchase order(s) 713266823 of IFTTOOLS GmbH, dated at 2022-07-25.

2.2 Date of Receipt of Test Subject

The testing has been performed at TÜV SÜD Product Service GmbH, Ridlerstraße 65, D-80339 Munich, Germany. The test subject was delivered to the test laboratory on 2022-08-12 by parcel service.

3 Test Results

The following decision rule(s) and handling of measuring uncertainty was/were applied when making a statement of conformity with respect to normative requirements:

- The accuracy method based on the IEC Guide 115:2021, clauses 4.4.3 & 4.5.1, was applied.

3.1 Electrical and Mechanical Safety

3.1.1 Used Standards

- IEC 60601-1:2005+AMD1:2012+AMD2:2020, without clauses
 - 11.7 (biocompatibility)
 - 17 (EMC)

3.1.2 Pending Tests/Evaluation

- none

3.1.3 Points of non-compliance

- none



4 Remarks

- none

5 Summary

The test results show that the presented product is in compliance with the test specifications.

A detailed evaluation of the above-mentioned test specifications is available in the individual TRFs (test report form) of project 713266823.

6 History

Version	Comment
1	Initial version

TÜV SÜD Product Service GmbH

SIGN-ID 716259
27.10.2022

Barbara Plötz

Barbara Plötz

Approver

PS-MHS-AP6

TÜV SÜD Product Service GmbH

SIGN-ID 716254
27.10.2022

Joachim Arzt

Project Manager

PS-MHS-AP6