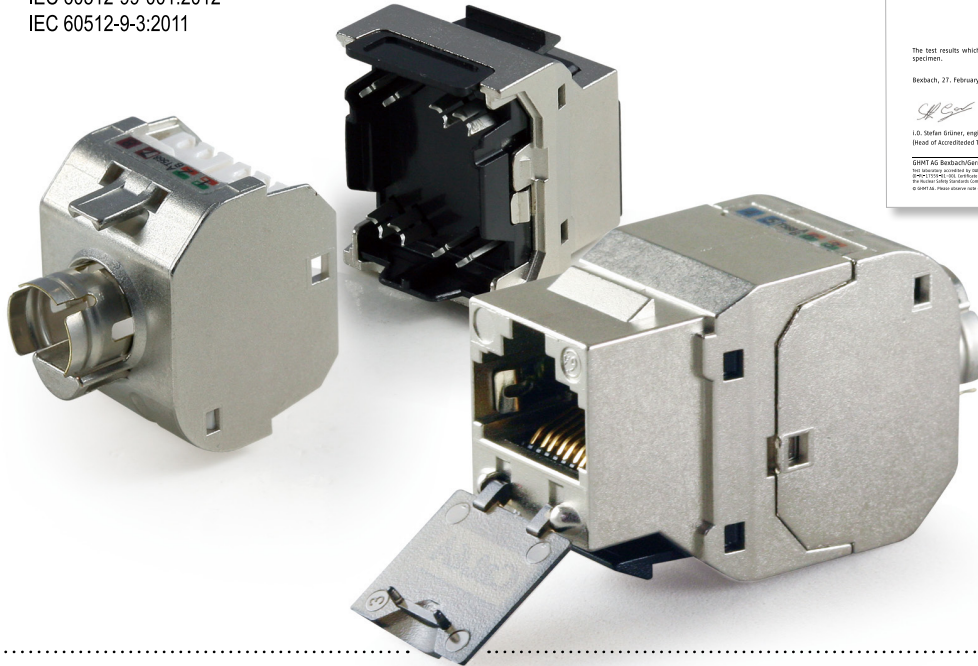




Class EA / Cat.6A Keystone Jack PoE+ TB90P6AD



IEC 60512-99-001:2012
IEC 60512-9-3:2011



Power over Ethernet Type I & II capability test according to IEC 60512-99-001:2012 & IEC 60512-9-3:2011 Project-no.: TEL80217 Document-no.: PwE TB90P6AD-4

5 Summary

Customer: Telebox Industrie Corp
4F, No. 106 Tatung Road, Sec. 1
22146 Hsinshih-Taipei, Taiwan

DUT: TELEBOX Cat.6A Die Cast Footless Keystone Jack, PoE+
Part-No.: TB906AP

Applied standards: IEC 60512-99-001 (2012-08)
Connectors for electronic equipment - Tests and measurements - Part 99-001: Test schedule for mating and unmating connectors under electrical load - Power over the internet (PoE) PwE, particularly applicable to IEC 60603-7 series connectors.

IEC 60512-9-3 (2011-06)
Connectors for electronic equipment - Tests and measurements - Part 9-3: Endurance tests - Test 5c: mechanical operation (mating and unmating) with electrical load

Results:

Test Item	Inspection	Result
IEC 1.1a	Visual inspection	Pass
IEC 1.1b	Dimensional inspection	Pass
IEC 1.2	Electrical resistance	Pass
IEC 1.3	Insulation resistance	Pass
IEC 1.4	Electrical strength	Pass
IEC 1.5	Mechanical operation with electrical load	Pass
IEC 1.7	Resistance	Pass
IEC 1.8	Mechanical operation with electrical load	Pass
IEC 1.9	Visual inspection	Pass
IEC 1.10	Dimensional inspection	Pass
IEC 1.11	Resistance	Pass
IEC 1.12	Insulation resistance	Pass
IEC 1.12	Electrical strength	Pass

The test results which were determined in the course of the measurement refer to the submitted specimen.

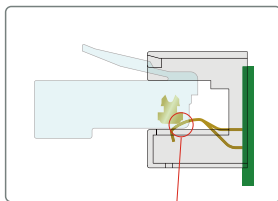
Biesbach, 27. February 2010

Stefan Götting
i.d. Stefan Götting, engineer
(Head of Accredited Test Laboratory)

GHMT AG
In der Kolling 13
D-66450 Biesbach
info@ghmt.de
www.ghmt.de

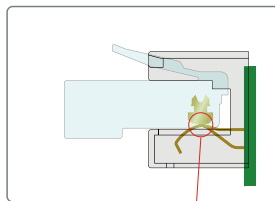
GHMT AG Biesbach/Germany page 15 of 28
This document is provided by GHMT in accordance with the test results. This information is used for the test results. Use in connection with the test results is not intended to be used as a basis for any other action. GHMT is not responsible for any damage or loss of data or information resulting from the use of this document. © GHMT AG. Please always refer to the original property rights published in DIN EN ISO 9001.

1st Contact



Sparkle point

2nd Contact



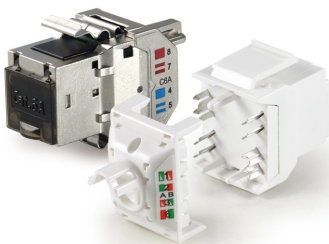
Transmission point

Specification:

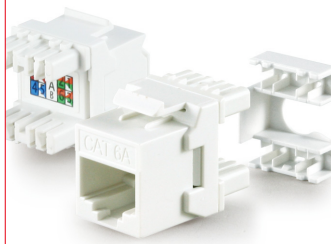
Qualified Screened Class EA/Cat.6A
Permanent Link & Channel
TIA-568.2-D
IEC 60603-7-51
ISO/IEC 11801 2.2 Edition
CENELEC EN 50173-1

Power over Ethernet:

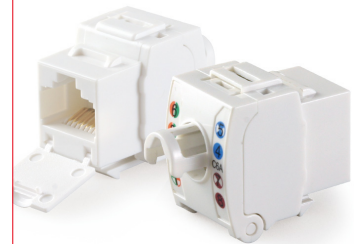
PoE+ type I & II
IEEE 802.3at
IEC 60512-99-001 (2012-08)
IEC 60512-9-3 (2011-06)



TB80P6AS/TB80P68U



TB85P68U



TB91P68U