
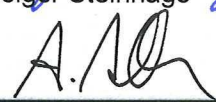


PIT 2,5 (-PE)/ PIT 4 (-PE)

CLIPLINE

Test report

Customer	PHOENIX CONTACT GmbH & Co. KG Business Unit ICT Flachmarktstraße 8 D-32825 Blomberg
Testing authority	Phoenix Contact GmbH & Co. KG Flachmarktstraße 8 D-32825 Blomberg
Date of receipt of test object	2010-12-01
Date of test	2010-12-03 to 2010-12-08
File name	PB_12345_PIT_2,5&PIT_H2S_corrosive_gas_00_GB_K
Date of issue	2010-12-15
Tester in charge	 _____ Holger Steinhage
Checked and approved	 _____ Alessandro Alberani (Laboratory Manager)
Test laboratory	PHOENIX CONTACT Laboratory Industrial Connection Technology

Modification/Reason for test	Technical request		
Test specifications	acc. to DIN IEC 60068-2-60 Method 1		
Test	contact resistance measurement before and after storage in H ₂ S atmosphere		
Requirement	the contact resistance after the storage in H ₂ S atmosphere does not exceed 1.5 times the contact resistance before the storage		
Test equipment	Climate chamber Microohmmeter Schuetz	PM-No.	490070 093717B
Result	The tests are passed.		

Subject to technical modification.

Please note the supplementary provisions for technical data sheets available on:

<http://www.download.phoenixcontact.com/nutzungsbedingungen.pdf>

or that will be sent to you upon request.

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Note: This document is not subject to revision service and applies only to the tested objects in the mentioned revision.

Storage in H₂S atmosphere in accordance with DIN IEC 60068-2-60 Method 1

H ₂ S concentration:	100 ± 5 ppb
Temperature:	25 °C ± 1 °C
Rel. humidity:	75 % ± 3 %
Duration:	96h

Test sequence:

- connection of terminal block with rated cross section
- measurement of the contact resistance R₁
- storage in H₂S atmosphere
- measurement of the contact resistance R₂

Art.-No.	Article	Result
3209510	PIT 2,5	passed
3209536	PIT 2,5-PE	passed
3211757	PIT 4	passed
3211766	PIT 4-PE	passed

Product designation: **PIT 2,5**
Article No.: 3209510
mounting rail: NS 35
connection cross section: 2,5 mm² (flexible with ferrule)
requirement contact resistance:
(20 mV / 100 mA) $R_2 \leq 1.5 \times R_1$

Result

Requirements fulfilled

Product designation: **PIT 2,5-PE**
Article No.: 3209536
mounting rail: NS 35
connection cross section: 2,5 mm² (flexible with ferrule)
requirement contact resistance:
(20 mV / 100 mA) $R_2 \leq 1.5 \times R_1$

Result

Requirements fulfilled

Product designation: **PIT 4**
Article No.: 3211757
mounting rail: NS 35
connection cross section: 4 mm² (flexible with ferrule)
requirement contact resistance:
(20 mV / 100 mA) $R_2 \leq 1.5 \times R_1$

Result

Requirements fulfilled

Product designation: **PIT 4-PE**
Article No.: 3211766
mounting rail: NS 35
connection cross section: 4 mm² (flexible with ferrule)
requirement contact resistance:
(20 mV / 100 mA) $R_2 \leq 1.5 \times R_1$

Result

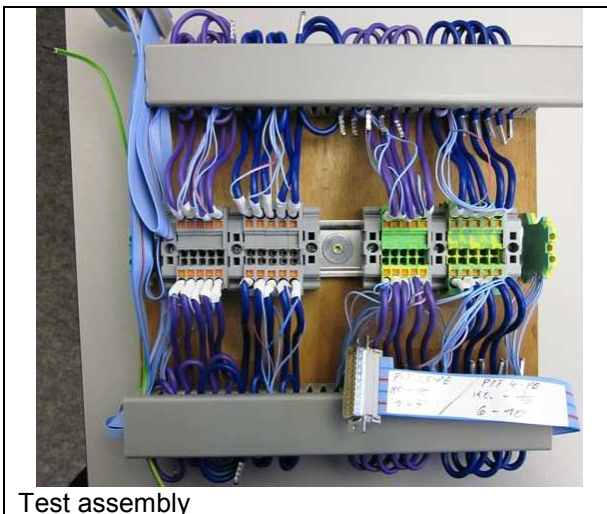
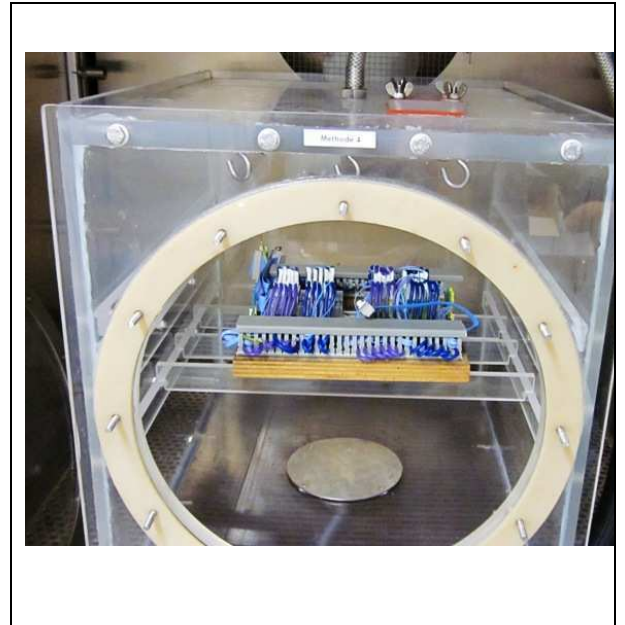
Requirements fulfilled

Fotodocumentation

Test setup



Climate chamber



Test assembly