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This report enfolded 5 pages.



Staatliche Versuchsanstalt

Elektrotechnik und Elektronik

FEDERAL INSTITUTE OF TECHNOLOGY  
ELECTRICAL AND  
ELECTRONIC ENGINEERING

# Test Report

TGM – VA EE 34635-2

Degree of protection of  
enclosure for copper- and fiber optic installation  
according to ÖVE/ÖNORM EN 60529 / IP54  
type: Mehrzweckgehäuse  
material number: 8-733-780-001

Commissioned by: Friedl GmbH.  
Address: A-2201 Hagenbrunn, Kupferschmiedgasse 14  
Order reached: 2012-12-06  
Sign of order: Mr. Ing. W. Friedl  
Receiving of test sample(s): 3418 / 2012-12-03  
Testing period: cw 49-50/2012  
TGM-number: 479/1/12





## 1 Test item

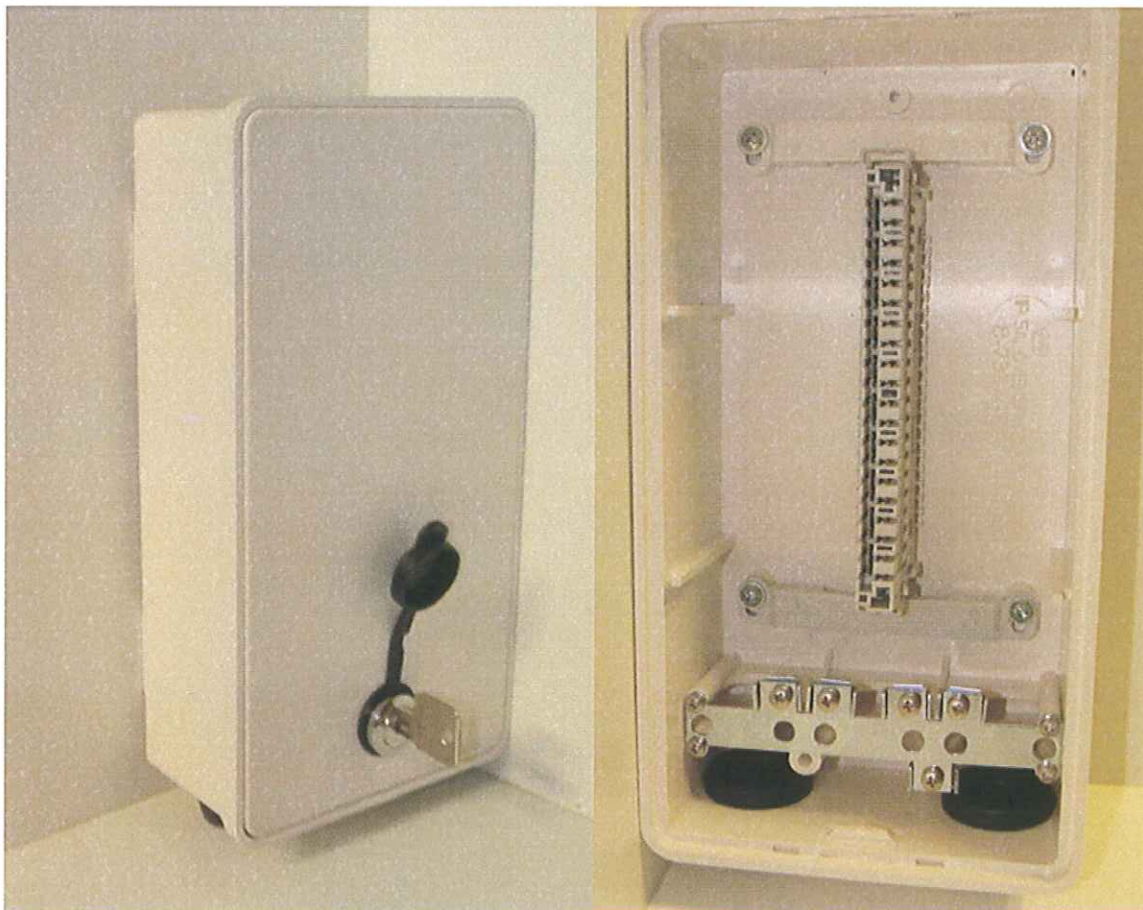
enclosure for copper- and fiber optic installation

## 2 Marking

trade mark: Friedl GmbH.  
material number: 8-733-780-001  
IP- code: IP54  
material reference: PVC

## 3 Description

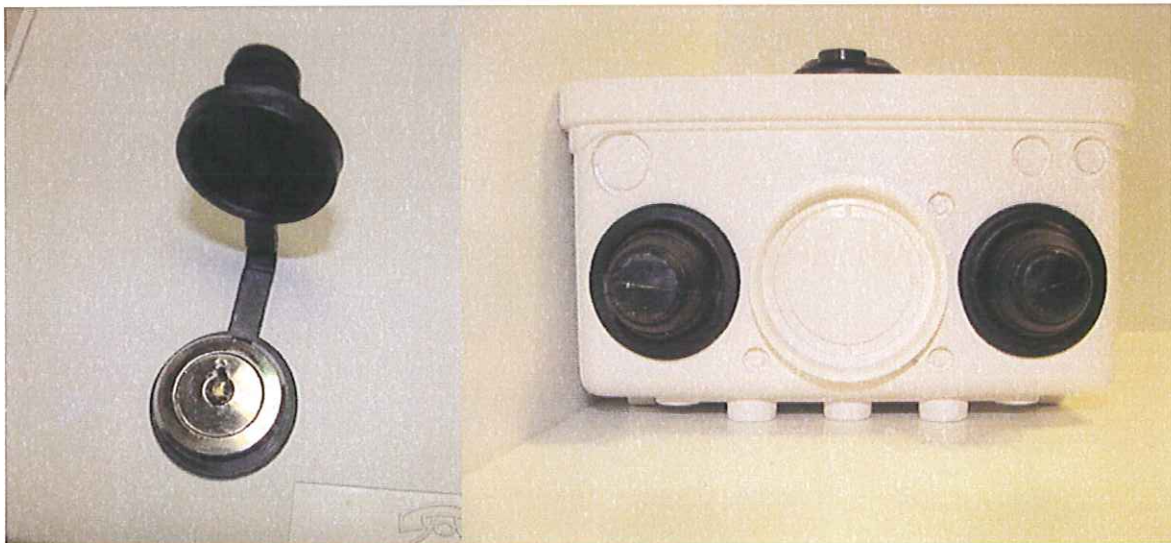
Enclosure for copper- and fiber optic installation made of insulating material - PVC. Colour of the enclosure: light grey (related RAL 7035). Equipment: blanket all around the cover (see picture: ); key cylinder: DOM D600 ÖRD (see picture:); cable entering (see picture:); built-in parts (see picture:).



picture 1: Friedl – Mehrzweckgehäuse (outside / inside)



picture 2: cover blanket



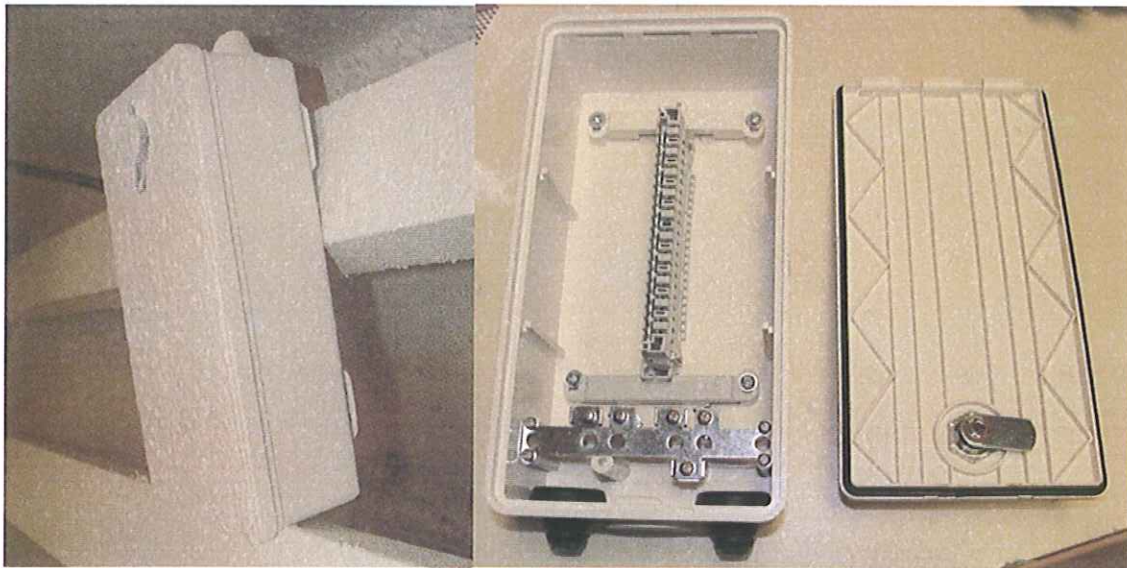
picture 3: key cylinder / cable entering

**classification:**

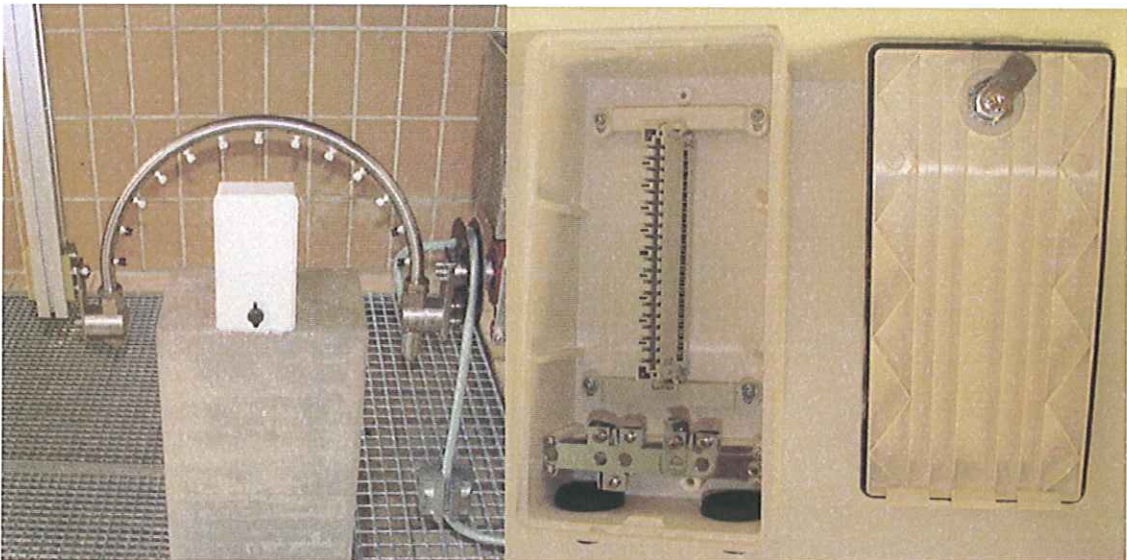
IP5X: protection against ingress of solid foreign objects: dust-protected  
(no harmful ingress of dust)

IPX4: protection against ingress of water with harmful effects: splashing  
(no harmful ingress of water)

## 4 Pictures – test performance



picture 4: test IP 5X



picture 5: test IPX4

## 5 Standards and Results

The test item described under clause 2. and 3. was tested according to the following standards:

ÖVE/ÖNORM EN 60529+A1:2000-10-01

The test item complies with the above mentioned standards for the classification IP54.



The present report

is including            5 Pages  
                              0 Appendix(es) (with 0 pages)

Official in charge: Ing. D. Litzka

Vienna, 2012-12-10



Prof. Dipl.-Ing. Dr. Wolfgang Nitsche  
Head of Department and Authorized Expert

Dipl.-Ing. Karl Reischer  
Principal

Accredited as testing body  
by decree BMWA 92714/589-IX/2/



1. The test results recorded in this document refer exclusively to the test item described.
2. The documentation and material returned to the client have been marked when necessary by the Testing Institute as far as this is possible.
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