



STAATLICHE VERSUCHSANSTALT – TGM
ELEKTROTECHNIK UND ELEKTRONIK
FEDERAL INSTITUTE OF TECHNOLOGY – TGM –ELECTRICAL AND ELECTRONIC ENGINEERING

EXPERTISE

TGM - VA EE 32329

Degree of protection
IP67 of lightning strike counter
Type SLSC-10
Trademark SCHIRTEC

Applicant: SCHIRTEC AG

Adress: A-1210 Vienna (Austria), Ignaz-Köck Strasse 10

Date of order: 2007-10-25

Sign. of order: Hr. Schirinian

Order reached: 2007-10-25

Receiving of test sample(s): 2007-10-25/2008-06-17

Duration of test: KW 44/07 - 36/08

TGM-Zahl:



1 Order:

As ordered by the applicant we carried out the test of degree of protection on a lightning strike counter, trademark SCHIRTEC, type SLSC-10.

2 Description of the test-sample:

Lightning strike counter with housing made of thermoplastic material. Mounted on stainless steel bar. Cover of housing bolted and glued together.

Degree of protection: IP67

3 Test requirements:

The tests were carried out according to IEC 60529-1989+A1:1999.



3.1 protection against ingress of dust

Code number	Degree of protection		Result
	Description	definition	
6	Dust-tight	No ingress of dust Test condition: dust-camber	passed

Duration of test: 8h
Reduced pressure: max. 20mbar

3.2 second code number

Code number	Description	Definition	Test condition	Duration of test	Result
7	Protected against the effects of temporary immersion in water	Ingress of water in quantities causing harmful effects shall not be possible when the enclosure is temporarily immersed in water under standardized conditions of pressure and time	Immersion tank Water-level on enclosure: 0,15 m above top 1 m above bottom	30 min	passed

3.3 Test location

Staatliche Versuchsanstalt – TGM
Elektrotechnik und Elektronik
A-1200 Wien
Wexstraße 19-23

3.4 Regulations

Degree of protection provided by enclosures
IP Code
IEC 60529:1989+A1:1999

4 Result

The lightning strike counter meets the requirements for degree IP67 according to IEC 60529:1989+A1:1999. No ingress of dust or water, was detected.



This expertise
is including

3 pages with 2 table(s), 0 illustration,
1 pictures and 0 Appendix / ces with pages.

Official in charge: Ing. Prochaska

Wien, am 2008-09-03



Prof. Dipl.-Ing. Dr. Wolfgang Nitsche
Head of Department

Dipl.-Ing. Karl Feischer
Principal

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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