



**CGS TEST HİZMETLERİ
TEKNİK KONTROL VE
BELGELENDİRME ANONİM
ŞİRKETİ**



Oruçreis Mahallesi Tekstil Kent Caddesi Tekstil Kent A21
10/1 102 Esenler İstanbul/TURKİYE

Deney Raporu
Test Report

LVD-389-02

08-2019

Müşterinin adı / adresi:
Customer name/address

**GİGSTEK TEKNOLOJİ BİLİŞİM İNŞAAT OTOMOTİV TURİZM SANAYİ TİCARET A.Ş. / Serhat Mah.
1354 Cad. 85/1-2 Yenimahalle / Ankara**

İstek Numarası:
Order no.

31072019nkk1

Numunenin Adı ve Tanımı:
Name and identity of test item

**GGST-CD-FBR-01; COPPER DISC SMART UNDERGROUND MARKER- Bakır Disk Akıllı Yer Altı
İşaretleyicisi**

Numunenin Kabul tarihi:
The date of receipt of test item

01-08-2019

Açıklamalar:
Remarks

Ürün ilgili testlerden geçmiştir, lütfen raporu inceleyiniz. / The product passes related tests, see report below.

Deneyin yapıldığı tarih:
Date of Test

20-08-2019

Deney Standartı
Test Standard

IEC/EN 62262:2002

Raporun Sayfa Sayısı:
Number of pages of the Report

6 sayfa/ 6 pages

Tarih
Date

26.08.2019

Deney Sorumlusu
Person in charge of test

Mehtap İrem TANKÜL

Laboratuvar Müdürü
Head of Testing Laboratory

Timur GÜSER



Bu rapor laboratuvarın izni olmadan kısmen kopyalanıp çoğaltılamaz.

İmzasız ve mühürsüz raporlar geçersizdir.

This report shall not be reproduced other than in full except with the permission of the laboratory
Testing reports without signature and seal are not valid.

Rapor No / Report No: LVD-389-02
Format No: F510_19_R1.0

TEST REPORT
IEC 62262
Degree of protection provided
by enclosures for electrical equipment against external
mechanical impacts (IK code)

Report Number..... : LVD-389-02

Date of issue : 26.08.2019

Total number of pages : 6 pages

Applicant's name..... : CGS TEST HİZMETLERİ TEKNİK KONTROL VE BELGELENDİRME ANONİM ŞİRKETİ

Address : Oruçreis Mahallesi Tekstilkent Caddesi Tekstilkent A21 10/I 102 Esenler İstanbul/TURKİYE

Manufacturer : CGS TEST HİZMETLERİ TEKNİK KONTROL VE BELGELENDİRME ANONİM ŞİRKETİ

Address : Oruçreis Mahallesi Tekstilkent Caddesi Tekstilkent A21 10/I 102 Esenler İstanbul/TURKİYE

Applicant's name : GİGSTEK TEKNOLOJİ BİLİŞİM İNŞAAT OTOMOTİV TURİZM SANAYİ TİCARET A.Ş.

Address : Serhat Mah. 1354 Cad. 85/1-2 Yenimahalle / Ankara

Test specification:

Standard : IEC/EN 62262:2002

Test procedure..... : Compliance Testing

Non-standard test method..... : N/A

Test Report Form No..... : F51_19_R1.0

Copyright © 2009 IEC System for Conformity Testing and Certification of Electrical Equipment (IECEE), Geneva, Switzerland. All rights reserved.

This publication may be reproduced in whole or in part for non-commercial purposes as long as the IECEE is acknowledged as copyright owner and source of the material. IECEE takes no responsibility for and will not assume liability for damages resulting from the reader's interpretation of the reproduced material due to its placement and context.

Test item description..... : COPPER DISC SMART UNDERGROUND MARKER

Trade Mark :



Manufacturer..... : GİGSTEK TEKNOLOJİ BİLİŞİM İNŞAAT OTOMOTİV TURİZM SANAYİ TİCARET A.Ş.

Model/Type reference..... : GGST-CD-FBR-01

Ratings..... : 101.4kHz



Rapor No / Report No: LVD-389-02
Format No: F51_19_R1.0

Summary of testing:**Tests performed (name of test and test clause):**

IEC/EN 62262 : Degree of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code).

Testing location:

CGS TEST HİZMETLERİ TEKNİK KONTROL VE BELGELENDİRME ANONİM ŞİRKETİ

Oruçreis Mahallesi Tekstilkent Caddesi Tekstilkent A21 10/I 102 Esenler İstanbul/TURKIYE

Summary of compliance with National Differences:**Copy of marking plate**

Test item particulars:	COPPER DISC SMART UNDERGROUND MARKER
Classification of installation and use.....:	---
Supply Connection.....:	---
.....:	
.....:	
Possible test case verdicts:	
- test case does not apply to the test object.....:	N/A
- test object does meet the requirement.....:	P (Pass)
- test object does not meet the requirement.....:	F (Fail)
Testing	
Date of receipt of test item.....:	01-08-2019
Date (s) of performance of tests	20-08-2019

General remarks: "(See Enclosure #)" refers to additional information appended to the report. "(See appended table)" refers to a table appended to the report. Throughout this report a <input checked="" type="checkbox"/> comma / <input type="checkbox"/> point is used as the decimal separator.
General product information: It is a smart, energy-free underground marker used to mark critical points in telecommunications, clean water, waste water, gas, electricity and cable TV infrastructures.



IEC 62262			
Clause	Requirement + Test	Result - Remark	Verdict

IK TEST			P
Degrees of protection provided by enclosure for electrical equipment against external mechanical impacts (IK code)			P
- Classification according to IK code..... :	IK10	---	
- Impact Energy (J)	20J	---	
- Impact test equipment	Vertical hammer	---	
- Number sample tested..... :	1	---	
- Condition for test sample mounting	Fixed	---	
- Parts tested.....:	COPPER DISC SMART UNDERGROUND MARKER	---	
- Number of impact	5	---	
- Ambient temperature (°C)	26,5 °C	---	
- Precondition	---	N/A	
- Test evaluation	After the test, there was no damage, no deformation, no access to live parts.	P	



ATTACHMENT 1
Photo Documentation

Photo documentation

