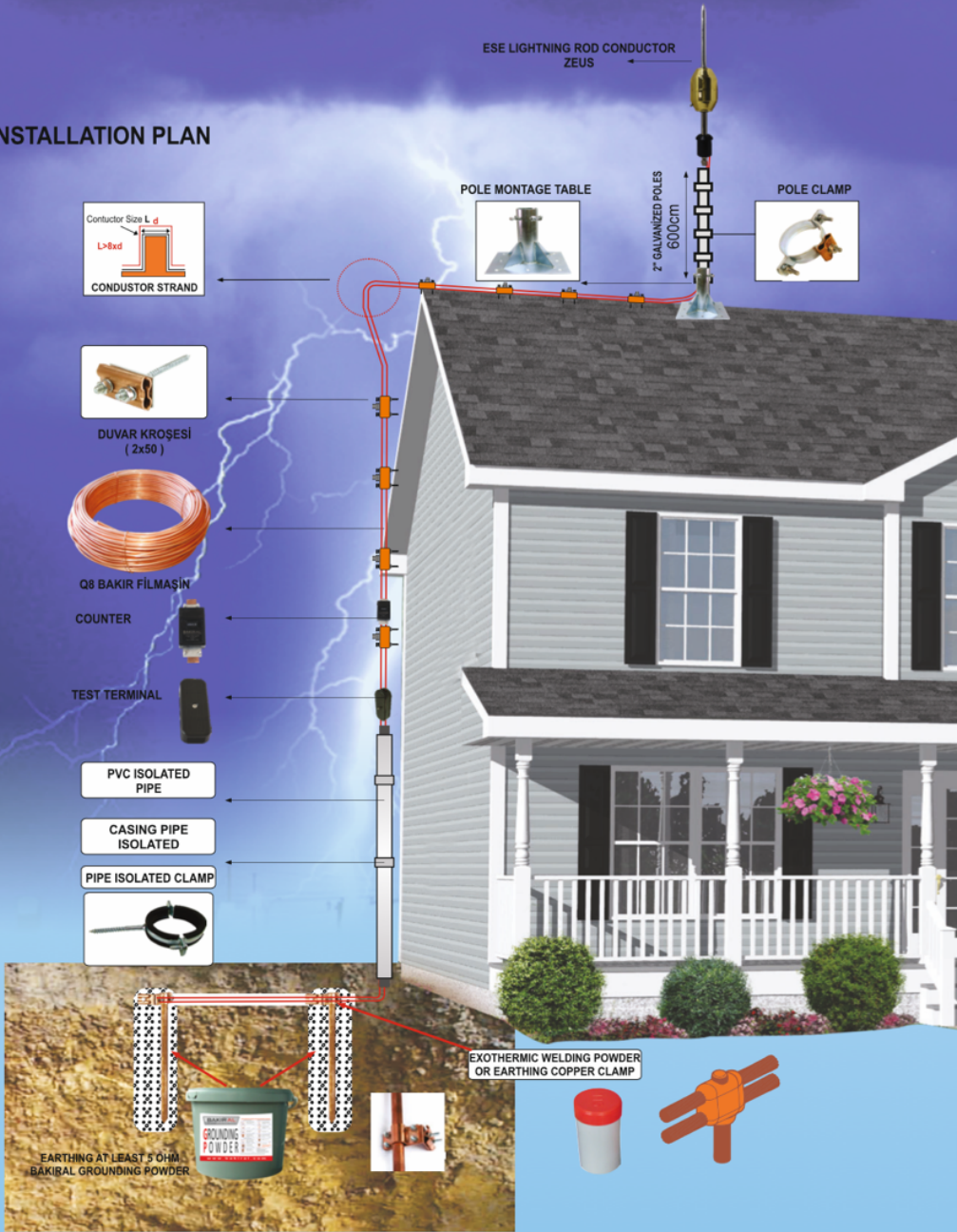


INSTALLATION PLAN



ZEUS

ESE LIGHTNING ROD CONDUCTOR



ESE LIGHTNING ROD PROTECTION SYSTEMS



ODTÜ

NFC 117/02
2011



9001



14001

Binbaşı Reşat Bey Mah. Akçay Cad. No:77 Gaziemir - İzmir / TURKEY
Tel: +90 232 458 98 69 • Fax: +90 232 458 98 79

PRINCIPLE & OPERATING

Compact's principle is storing electrostatic energy present in the atmosphere at a stormy cloud approach, to release the ascending discharge excitation in good time.

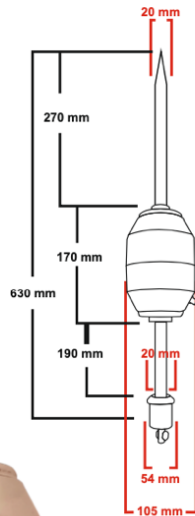
This device operates at a stormy activity approach by an integrated sensor which measures the surrounding electrical field value.

It provokes then a polarity inversion of the lightning conductor head, creating a sudden amplification of the electrical field on its tip.

ZEUS



304 l grade chrome high durability
With convenient testing mechanism
Remote testing option



Golden Head



Copper Head



Chrome Head

TYPES OF BASIS



REMOTE CONTROL TESTER



LIGHTNING STRIKE COUNTER



Manual



Automatic

STANDART CONTROL TESTER



Warranty

- 1- Use lightning rod conductors made of stainless steel durable material according to corrosion 30 year warranty outside conditions.
- 2- Use lightning rod manufactured according to appropriate NFC 17 102 France Standard (Appendix C) in laboratory test.
- 3- ΔL & ΔD results can be tested with lightning rod conductor test electronic device after montage.
- 4- Use lightning rod conductor have a ISO 9001-2008, ISO14001:2004, OHSAS 18001-2007, CE Declaration of community certificates.
- 5- Use lightning rod conductor is durable against high discharge electric current and lightning.
- 6- Product tested V_{min} : 988 kV in NFC 17 102 laboratory.
- 7- Invoice date is valid for starting warranty.
- 8- Periodic maintenance needs after montage by montage technical company (Wholesaler Distributor) every year.

Kim thu sét công nghệ mới ZEUS

Kim thu sét ZEUS được sản xuất bởi hãng BAKIRAL– Thổ Nhĩ Kỳ, được nghiên cứu và sản xuất theo tiêu chuẩn NFC17-102: 2011 của Pháp.

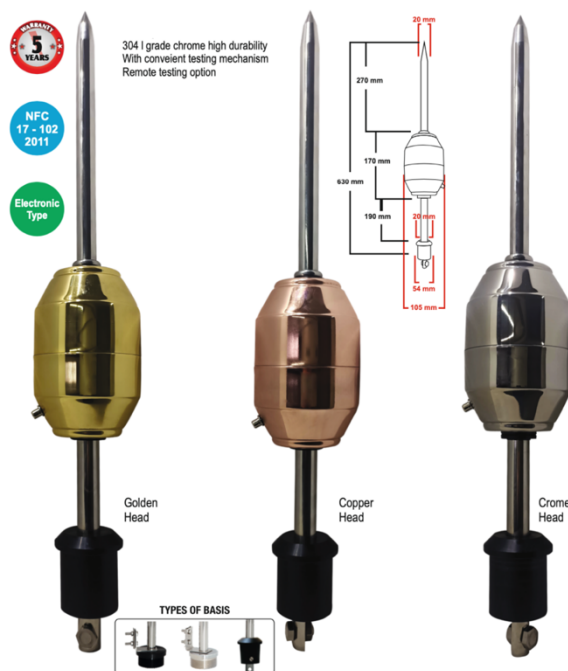
Kim ZEUS đạt tiêu chuẩn chất lượng: CE, ISO 9001-2015, ISO 10002-2018, ISO 14001-2015, ISO 45001-2018.

Tùy từng yêu cầu cụ thể ta sẽ chọn lựa loại kim thu sét phù hợp.

Kích thước Kim thu sét ZEUS:

- Đỉnh kim dài 270mm, đường kính đỉnh kim 20mm.
- Bầu tạo I-on kim thu sét 170mm, đường kính bầu kim 105mm.
- Thân kim 190mm, đường kính 20mm.

Tổng chiều dài kim thu sét công nghệ mới ZEUS dài 630mm.



Kim thu sét ZEUS nhập khẩu chính hãng từ Thổ Nhĩ Kỳ. Công nghệ thu sét mới phát tia tiên đạo giúp phát hiện sớm và triệt tiêu dòng sét xuống bãi tiếp địa, chống sét toàn diện đảm bảo an toàn cho tài sản và tính mạng con người.

Cam kết chất lượng thương hiệu

ZEUS là một trong những dòng kim thu sét hàng đầu tại Thổ Nhĩ Kỳ. Sở hữu công nghệ thu sét tối tân, ZEUS đã có mặt nhiều nơi trên thế giới. Có thể kể đến những đất nước có lượng tiêu thụ mạnh mẽ kim chống sét ZEUS như: Thái Lan, Indonesia, Ấn Độ,...



ATTESTATION OF CONFORMITY

Applicant <i>Başvuru Sahibi</i>	: BAKIRAL ELEKTRİK MATEL MAKİNA İNŞAAT TURİZM İTH.İHR.SAN.VE.TİC.LTD.ŞTİ. <i>Binbaşı Reşatbey Mah. Akçay Cad. No:77/1 Gaziemir / İzmir Turkey</i>
Manufacturer <i>Üretici</i>	: BAKIRAL ELEKTRİK MATEL MAKİNA İNŞAAT TURİZM İTH.İHR.SAN.VE.TİC.LTD.ŞTİ. <i>Binbaşı Reşatbey Mah. Akçay Cad. No:77/1 Gaziemir / İzmir Turkey</i>
Product <i>Ürün</i>	: AKTİF PARATONER <i>ACTIVE LIGHTNING CONDUCTOR</i>
Models <i>Modeller</i>	: ALFA-S, ALFA-SJ, ALFA-SM, THOR-S, THOR-SJ, THOR-SM, ZEUS, LIROD, ASSOS <i>SKYTECH</i>

The product complies with the principal protection requirements of the Low Voltage Directive 2014/35/EU (not appendix IV) based on a voluntary test.

Bu ürün gönüllü bir teste dayanarak 2014/35/AT – Alçak Gerilim Yönetmeliği(EK IV olmayan) temel koruma gereksinimlerine uygundur.

Base of Attestation <i>Onay Dayanağı</i>	: Technical Documentation
Related Standards <i>İlgili Standartlar</i>	: EN 50164-2

This certification applies only to the sample submitted for documentation and testing by us. After preparation of the necessary technical documentation as well as the conformity declaration the CE marking as shown below can be affixed on the equipment.

Bu sertifikayı yalnızca dokümantasyon ve test için sunulan numune için geçerlidir. Gerekli teknik dokümantasyonun yanı sıra beyanın hazırlanmasından sonra aşağıda gösterilen CE işareti ürün üzerine iliştilirilebilir.

Certificate Number : TQC-020120-210
Date of Issue of Original Certificate : 02.01.2020
Date of Issue of Latest Certificate : 01.01.2022
Expiry Date : 01.01.2023

The validity of the applied standards and regulations shall be checked periodically every year following the Certification date.
Uygunlanan standart ve yönetmeliklerin geçerliliği,sertifika Tarihini takip eden her yıl periyodik olarak kontrol edilmelidir.


Managing Director

CE

The organization's documentation and Implementation has been reviewed and found to comply with the relevant standard rules. This certificate of Registration is based on the evaluation of the mentioned scope given above. Organization is responsible for maintaining the responsibilities of the relevant standard rules. Any significant changes in the scope of the certification or standard referred above render this certificate invalid.

CERTIFICATE



Bu Sertifika / This Certificate

BAKIRAL ELEKTRİK METAL MAKİNA İNŞAAT TURİZM İTHALAT İHRACAT SAN.VE TİC.LTD.ŞTİ.

Firmasının / Of the Company

Binbaşı Reşatbey Mah. Akçay Cad. No:77/1 Gaziemir / İzmir / Türkiye

Adreslerinde bulunan tesisleri QRS Belgelendirme tarafından denetlenmiş ve Kalite Yönetim Sisteminin

The facilities at the addresses have been audited by QRS and Quality Management System

ISO 9001:2015

Şartlarının aşağıdaki kapsamda uygulanmakta olduğu gözlenmiştir.

It has been observed that the conditions are applied within the following scope

Belgelendirme Kapsamı / Certification Scope

PARATONER, PARATONER MONTAJ ELEMANLARI, BAKIR ÜRÜNLERİ VE TOPRAKLAMA MALZEMELERİ İMALAT, MONTAJ, SATIŞ, PAZARLAMA VE SERVİS HİZMETLERİ

LIGHTNING ROD, LIGHTNING ROD ASSEMBLY ELEMENTS, COPPER PRODUCTS AND GROUNDING MATERIALS MANUFACTURING, ASSEMBLY, SALES, MARKETING AND SERVICE SERVICES

Sertifika Numarası : QMS-22-1901-BAK

Certificate Number

Sertifika İlk Basım Tarihi : 19.01.2022

Certificate Date of First Printing

Sertifika Son Basım : 19.01.2022

Certificate Last Edition

Sertifika Geçerlilik Tarihi : 18.01.2023

Certificate Validity Date

Sertifika Revizyon No ve Tarih : 00

Certificate Revision Number and Date

Sertifika Periyot Tarihi : 19.01.2022 / 18.01.2025

Certificate Period Date



Onay / Approval

CERTIFICATE



Bu Sertifika / This Certificate

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Firmasının / Of the Company

Binbaşı Reşatbey Mah. Akçay Cad. No:77/1 Gaziemir / İzmir / Türkiye

QRS Belgelendirme tarafından denetlenmiş ve uygulamakta olduğu
Müşteri Memnuniyeti Yönetim Sisteminin

*Is audited by QRS Certification and applied
Customer Satisfaction Management System meet the requirements of*

ISO 10002:2018

Şartlarının aşağıdaki kapsamda uygulanmakta olduğu gözlenmiştir.
It has been observed that the conditions are applied within the following scope

Belgelendirme Kapsamı / Certification Scope

PARATONER, PARATONER MONTAJ ELEMANLARI, BAKIR ÜRÜNLERİ VE TOPRAKLAMA
MALZEMELERİ İMALAT, MONTAJ, SATIŞ, PAZARLAMA VE SERVİS HİZMETLERİ

LIGHTNING ROD, LIGHTNING ROD ASSEMBLY ELEMENTS, COPPER PRODUCTS AND GROUNDING
MATERIALS MANUFACTURING, ASSEMBLY, SALES, MARKETING AND SERVICE SERVICES

Sertifika Numarası : CSMS-22-1901-BAK

Certificate Number

Sertifika İlk Basım Tarihi : 19.01.2022

Certificate Date of First Printing

Sertifika Son Basım : 19.01.2022

Certificate Last Edition

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Certificate Period Date



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CERTIFICATE



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Firmasının / Of the Company

Binbaşı Reşatbey Mah. Akçay Cad. No:77/1 Gaziemir / İzmir / Türkiye

Adreslerinde bulunan tesisleri QRS Belgelendirme tarafından denetlenmiş ve
Çevre Yönetim Sisteminin

*The facilities at the addresses have been audited by QRS and
Environmental Management System*

ISO 14001:2015

Şartlarının aşağıdaki kapsamda uygulanmakta olduğu gözlenmiştir.
It has been observed that the conditions are applied within the following scope

Belgelendirme Kapsamı / Certification Scope

PARATONER, PARATONER MONTAJ ELEMANLARI, BAKIR ÜRÜNLERİ VE TOPRAKLAMA
MALZEMELERİ İMALAT, MONTAJ, SATIŞ, PAZARLAMA VE SERVİS HİZMETLERİ

LIGHTNING ROD, LIGHTNING ROD ASSEMBLY ELEMENTS, COPPER PRODUCTS AND GROUNDING
MATERIALS MANUFACTURING, ASSEMBLY, SALES, MARKETING AND SERVICE SERVICES

Sertifika Numarası : EMS-22-1901-BAK

Certificate Number

Sertifika İlk Basım Tarihi : 19.01.2022

Certificate Date of First Printing

Sertifika Son Basım : 19.01.2022

Certificate Last Edition

Sertifika Geçerlilik Tarihi : 18.01.2023

Certificate Validity Date

Sertifika Revizyon No ve Tarih : 00

Certificate Revision Number and Date

Sertifika Periyot Tarihi : 19.01.2022 / 18.01.2025

Certificate Period Date



Onay / Approval

CERTIFICATE



Bu Sertifika / This Certificate

BAKIRAL ELEKTRİK METAL MAKİNA İNŞAAT TURİZM İTHALAT İHRACAT SAN.VE TİC.LTD.ŞTİ.

Firmasının / Of the Company

Binbaşı Reşatbey Mah. Akçay Cad. No:77/1 Gaziemir / İzmir / Türkiye

QRS Belgelendirme tarafından denetlenmiş ve uygulamakta olduğu
İş Sağlığı ve Güvenliği Yönetim Sisteminin

*Is audited by QRS Certification and applied
Occupational and Safety Management System meet the requirements of*

ISO 45001:2018

Şartlarının aşağıdaki kapsamda uygulanmakta olduğu gözlenmiştir.
It has been observed that the conditions are applied within the following scope

Belgelendirme Kapsamı / Certification Scope

PARATONER, PARATONER MONTAJ ELEMANLARI, BAKIR ÜRÜNLERİ VE TOPRAKLAMA
MALZEMELERİ İMALAT, MONTAJ, SATIŞ, PAZARLAMA VE SERVİS HİZMETLERİ

LIGHTNING ROD, LIGHTNING ROD ASSEMBLY ELEMENTS, COPPER PRODUCTS AND GROUNDING
MATERIALS MANUFACTURING, ASSEMBLY, SALES, MARKETING AND SERVICE SERVICES

Sertifika Numarası : HSMS-22-1901-BAK

Certificate Number

Sertifika İlk Basım Tarihi : 19.01.2022

Certificate Date of First Printing

Sertifika Son Basım : 19.01.2022

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