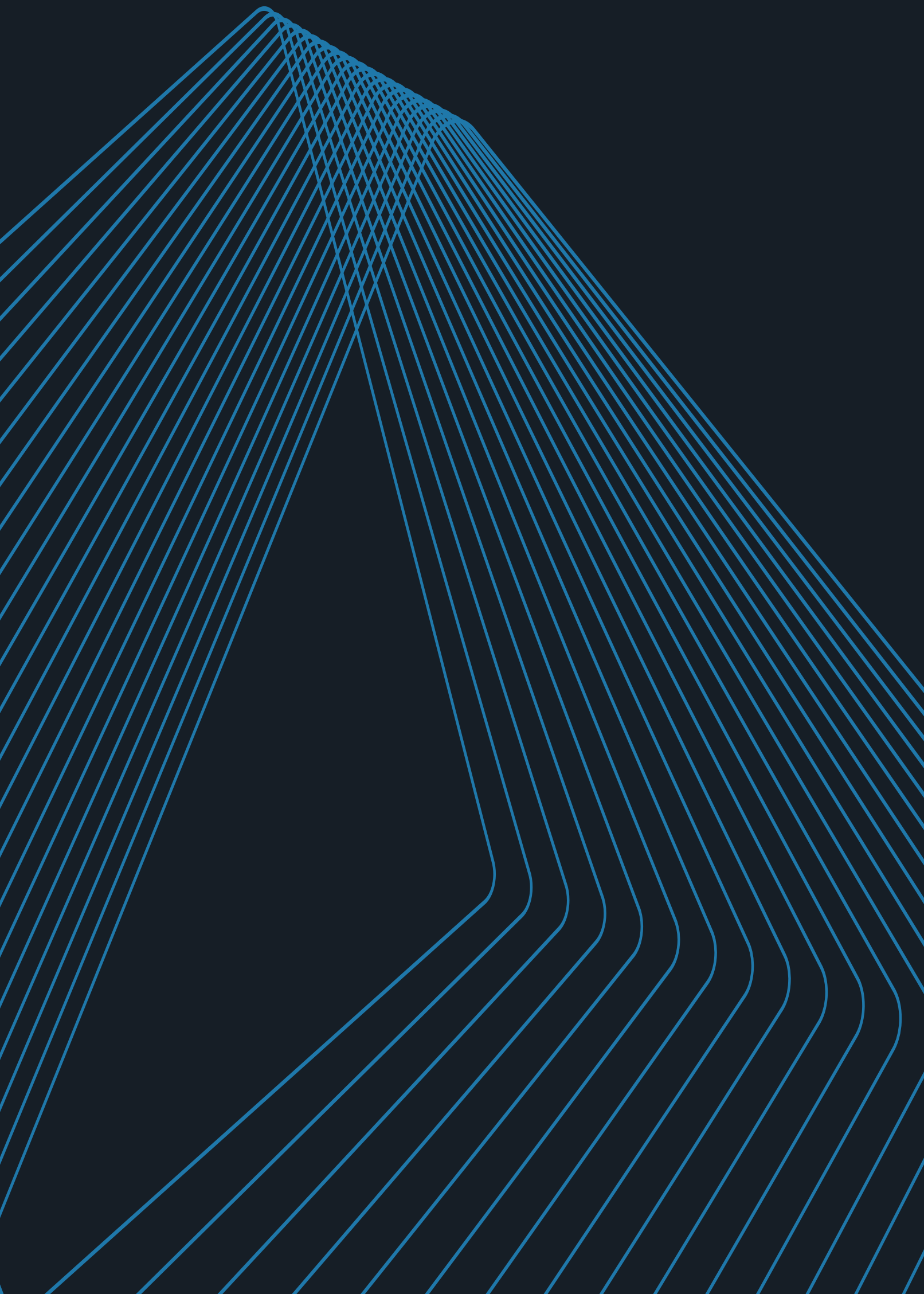
وفـــاء الفرات
WAFAA ALFURAT
TRUST IN THE QUALITY

WAFAA ALFURAT COMPANY
PROFILE



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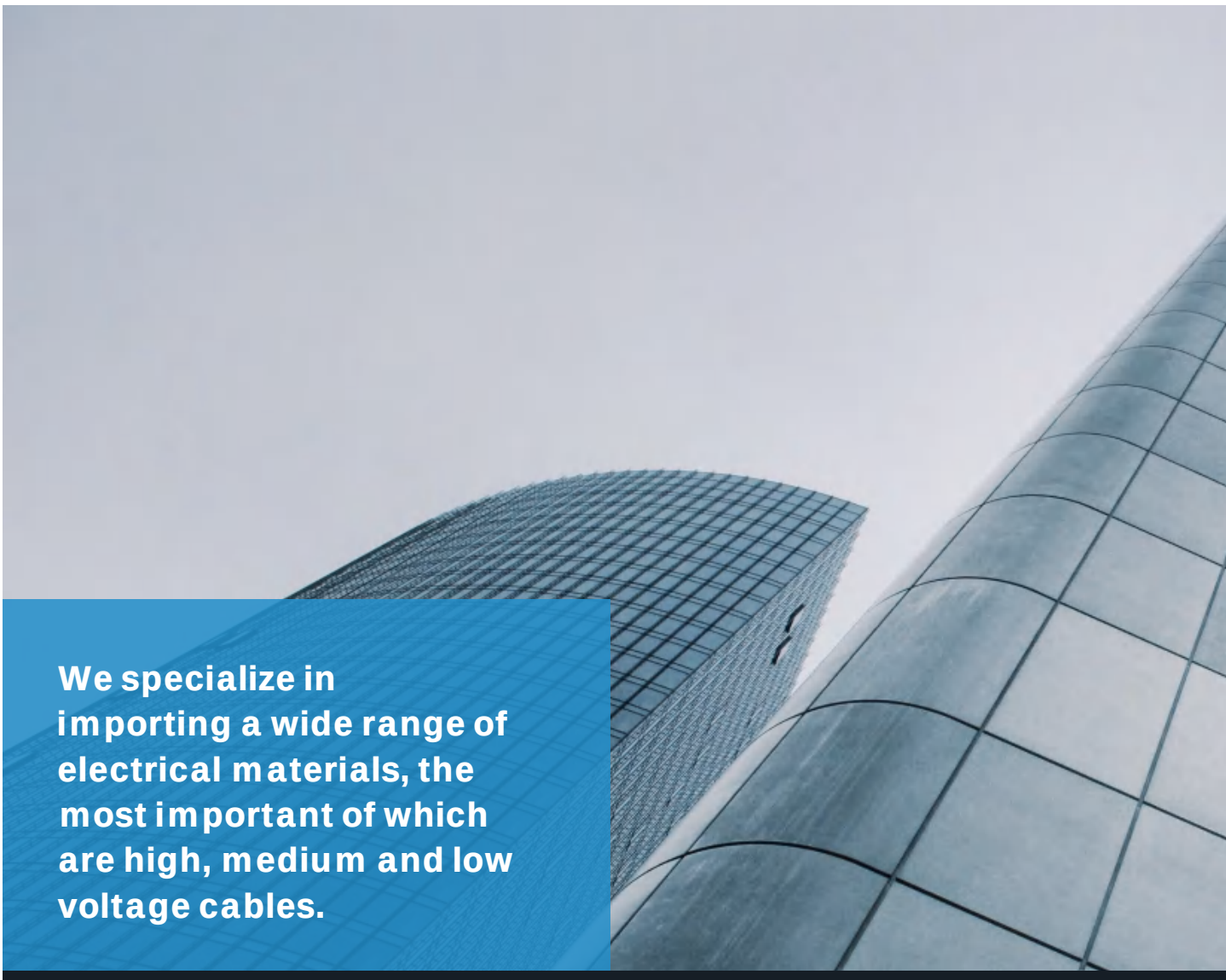
ABOUT US

Wafaa Al Furat was established with the aim of meeting the growing local market and export requirements. Our vision is to be a leading company in Iraq and the Middle East region in the supply of electrical materials. Since its establishment, it has worked in the preparation of electrical materials for contracting and supplied many projects, including (hospitals, schools and many Residential buildings)



We specialize in importing a wide range of electrical materials, the most important of which are high, medium and low voltage cables.

WE WOULD LIKE TO INTRODUCE OURSELVES AS A "MULTI PRODUCT ELECTRIC EQUIPMENT COMPANY" WHICH IS AMONG THE LEADING PLAYERS IN THE ELECTRICAL ACCESSORIES AND WIRES INDUSTRY OF IRAQ.

عن شركة وفاء الفرات

تأسست وفاء الفرات بهدف تلبية السوق المحلي المتنامي ومتطلبات الاستيراد. رؤيتنا أن نكون شركة رائدة في العراق ومنطقة الشرق الأوسط في امداد المواد الكهربائية. منذ تأسيسها عملت في تجهيز المواد الكهربائية للمقاولات وتزويد العديد من المشاريع منها (المستشفيات والمدارس والعديد من المباني السكنية).

نتخصص في استيراد مدى واسع من المواد الكهربائية، من أهمها كابلات الجهد العالي والمتوسط والمنخفض.

نـود أن نقدم أنفسـنا كـ "شـركة معـدات كهربائيـة متعددة المنتجـات" والتـي تعد مـن بين اللاعبيـن الرائدين فـي تجارة الملحقات والأسلاك الكهربائية في العراق.

OUR BRANDS

Wafaa Al Furat Company is an authorized agent for many Gulf and Arab companies and for many famous brands, including:

01 Riyadh Cables Group

Riyadh Cables Group is considered to be the largest cable manufacturer in the Middle East due to its manufacturing facilities with an area of 1850000 square meters, and branches of up to 22 branches serving all regions of the Kingdom of Saudi Arabia and beyond its borders. The group was initially established in the name of the Modern Saudi Cable Manufacturing Company in 1984, and today the group consists of a group of companies: Riyadh Cables, Riyadh Cables and Metals Company, Riyadh Electrical Wires, and Riyadh Telephone Cables Company.

Some of its products:

- Low Voltage sheathed.
- Medium Voltage cables.
- Medium Voltage sheathed cables.
- High Voltage & Extra high voltage cables up to 400KV.
- Fire Survival Cable (□re resistant, redundant and low smoke Halogen Free Cables
- Overhead cables
- Fiber optic & telephone lines

ماركاتنا

تعتبر وفاء الفرات الوكيل الرسمي للعديد من الشركات العالمية في الخليج العربي والعالم من ضمنها:

01 مجموعة كابلات الرياض السعودية

تعتبر مجموعة كابلات الرياضِ المصنّع الأكبر على الإطلاق للكابلات في منطقة الشرق الأوسط نظرا لامتلاكها منشآت تصنيعٍ تصل مساحتها إلى 1850000 ألف متر مربع، وفروع يصل عددها إلى 22 فرعا تخدم جميع مناطق المملكة العربية السعودية وما وراء حدودها. تأسست المجموعة في البداية باسم الشركة السعودية الحديثة لصناعة الكابلات عام 1984م، وتتألف المجموعة اليوم من مجموعة شركات هي: كابلات الرياض، وشركة الرياض للكابلات والمعادن، وأسلاك الرياض الكهربائية، وشركة الرياض للكابلات الهاتفية.

من منتجاتها:

- كابلات الجهد المنخفض
- كابلات الجهد المتوسط
- كابلات الجهد العالي
- كابلات مقاومة الحرائق (طاردة للهب وقليلة الدخان وخالية من الهالوجين)
- كابلات الكهرباء الهوائية
- كابلات الالياف الضوئية
- كابلات التحكم

02 El Sewedy Electric Company

El Sewedy Electric Company was established in 1938, where it started its business by selling electrical equipment and succeeded over the decades to transform into one of the most prominent players in the energy sector and its operations cover many global markets. The company has succeeded in expanding its business outside the Egyptian market by employing its vast experience in manufacturing various electrical products and its deep knowledge of the local markets in which it operates.

It is considered a leading provider of integrated energy solutions in the Middle East and Africa, where the company owns more than 22 industrial facilities in 15 countries around the world. The company has the ability to overcome the various challenges facing the energy sector, as well as its continuous success in meeting the expectations of the huge customer base in parallel with maximizing the value and return on investment for the shareholders.

The company includes under its umbrella five main sectors, namely:

- Wires And Cables
- Projects And Development
- Electrical Transformers
- Meters
- Electrical Activities

03 Al-Fanar Saudi Company

Al-Fanar Company manages its activities from its facilities distributed in many countries of the Middle East, Asia, Africa and Europe, which are represented in the manufacture and trade of low, medium and high voltage construction electrical products and providing engineering and construction solutions for conventional and renewable energy generation projects for electric power stations, power transmission and distribution projects, operation and maintenance services, and inspection and testing works Calibration and engineering consultancy.

Some of its products:

- Electrical switches and sockets,
- Electrical distribution panels
- Cables and wires, lighting products
- Electrical circuit breakers
- Atomizer boxes and metal boxes

02 شركة السويدي الكتريك

تأسست شركة السويدي اليكتريك عام 1938، حيث بدأت نشاطها التجاري ببيع المعدات الكهربائية ونجحت على مدار العقود في التحول إلى واحدة من أبرز الشركات اللاعبة بقطاع الطاقة وتغطي عملياتها العديد من الأسواق العالمية. وقد نجحت الشركة في التوسع بأعمالها خارج السوق المصري من خلال توظيف خبراتها الواسعة في تصنيع مختلف المنتجات الكهربائية ودرايتها العميقة بالأسواق المحلية التي تعمل بها.

وتعتبر شركة رائدة في تقديم حلول الطاقة المتكاملة في منطقة الشرق الأوسط وأفريقيا، حيث تمتلك الشركة أكثر من 31 منشأة صناعية في 15 دولة حول العالم. وتحظى الشركة بالقدرة على تجاوز مختلف التحديات التي يواجهها قطاع الطاقة، فضلاً عن نجاحها المتواصل في تلبية توقعات قاعدة العملاء الضخمة بالتوازي مع تعظيم القيمة والعائد الاستثماري للسادة المساهمين.

وتضم الشركة تحت مظلتها خمس قطاعات رئيسية وهي:

- الأسلاك والكابلات
- المشاريع والتطوير
- المحولات الكهربائية
- العدادات الذكية

03 شركة الفنار السعودية

تدير شركة الفنار نشاطاتها من منشآتها الموزعة في العديد من بلدان الشرق الأوسط وآسيا وأفريقيا وأوروبا المتمثلة في تصنيع وتجارة المنتجات الكهربائية الإنشائية ذات الجهد المنخفض والمتوسط والعالي وتقديم الحلول الهندسية والإنشائيّة لمشاريع توليد الطاقة التقليدية والمتجددة لمحطات الطاقة الكهربائية ومشاريع نقل وتوزيع الطاقة وخدمات التشغيل والصيانة وأعمال الفحص والاختبار والمعايرة والاستشارات الهندسية.

من منتجـاتهـا:

- المفاتيح والافياش الكهربائية
- لوحات التوزيع الكهربائية
- الكابلات والاسلاك
- منتجات الانارة
- القواطع الكهربائية
- علب القسامات والصناديق المعدنية

04 Edison Electrical Accessories- Interplast

In 1996, Interplast Electrical Division established the first fully integrated manufacturing facility in the MENA region to manufacture electrical switches and sockets under the Edison brand name. EDISON electrical accessories are designed and manufactured by Interplast in a vertically integrated manufacturing facility in Sharjah UAE, in compliance with British and European standards under a stringent ISO 9001 certified quality management system. Today, Interplast's Electrical Accessories division is the fully integrated wired hardware and accessory manufacturing facility in Middle East and North Africa region. From the release of the first ASTA UK approved Edison wiring harness switch set.

Some of its products:

- Circuit breakers
- Electrical Switches
- Distribution panels
- Isolations switches.

05 Havels Company

is a leading manufacturer of fast-moving electrical goods (FMEG) and a major manufacturer of power distribution equipment with a strong global presence. Havells enjoys enviable market dominance across a wide range of products, including industrial and domestic circuit protection devices, cables and wires, motors, fans, modular switches, home appliances, air conditioners, electric water heaters, power capacitors, and household and commercial lights and industrial applications.

06 Wadi Al Seer For Producing Jordanian Cables Company

Wadi Al Seer for Wires and Cables Manufacturing-Jordan was established in Jordan in 2006 for producing wires and electrical cables. The Factory is located in Marka and equipped with a series of production lines supported. The production lines produce P.V.C isulated copper cables made according to international, British and German specifications (IEC,BS, and VDE) to comply with Jordanian as well as international market standards . The factory has been supplied with a series of calibration and measurement standards. (International Traceability) so that quality can be controlled and assured for the factory's products starting from raw material processing ending with final stages of manufacturing till they are delivered to customers made in accordance with international and Jordanian specifications.

07

04 شركة انتربلاست الاتحادية اديسون الإماراتية

في عام 1996، أنشأت Interplast Electrical Division أول منشأة تصنيع متكاملة تمامًا في منطقة الشرق الأوسط وشمال إفريقيا لتصنيع المفاتيح والافياش الكهربائية تحت الاسم التجاري Edison. تم تصميم الملحقات الكهربائية EDISON وتصنيعها بواسطة Interplast في منشأة تصنيع متكاملة رأسياً في الشارقة الإمارات العربية المتحدة، وفقًا للمعايير البريطانية والأوروبية بموجب نظام إدارة الجودة الصارم المعتمد من ISO 9001، واليوم، يعد قسم الملحقات الكهربائية في Interplast منشأة لتصنيع الأجهزة السلكية المتكاملة في منطقة الشرق الأوسط وشمال إفريقيا.

من منتجـاتهـا:

- المفاتيح الكهربائية
- القواطع الكهربائية
- مفاتيح العزل
- الواح التوزيع

05 شركة هافيلز

شركة هافيلز هي شركة رائدة في مجال السلع الكهربائية سريعة الحركة (FMEG) وهي شركة كبرى لتصنيع معدات توزيع الطاقة تتمتع بحضور عالمي قوي. تتمتع هافيلز بهيمنة سوقية تحسد عليها عبر مجموعة واسعة من المنتجات، بما في ذلك أجهزة حماية الدوائر الصناعية والمحلية، والكابلات والأسلاك، والمحركات، والمراوح، والمفاتيح المعيارية، والأجهزة المنزلية، ومكيفات الهواء، وسخانات المياه الكهربائية، ومكثفات الطاقة، والمصابيح المنزلية والتجارية وتطبيقات صناعية.

06 شركة وادي السير لصناعة الاسلاك والكوابل الأردنية

أسست شركة وادي السير لصناعة الاسلاك والكوابل الأردنية بتاريخ 6/6/2006 م في أضخم مدينة صناعية في المملكة الأردنية الهاشمية، وتهدف الشركة الى انتاج منتجات عالية الدقة والجودة وتنافس المنتجات العالمية بأعلى المعايير الدولية وإيصالها الى المستهلك كما وتعمل على دقة انتقاء المواد الخام والاولية عالية الجودة علماً بأن كافة مدخلات الإنتاج وكذلك كافة المنتجات الجاهزة تخضع لفحوصات مخبرية شديدة الدقة وبأعلى المعايير والمواصفات العالمية.

07 Sanxing Electric

With a remarkable history spanning four decades, Ningbo Sanxing Electric Co. Ltd has become a leading manufacturer of electricity meters. Since its inception in 1986, the company has upheld its reputation as one of the industry's largest and most respected manufacturers. Boasting an impressive annual capacity of 25 million meters, they currently hold a substantial 30% market share in China.

Product Range:

Sanxing Electric Co. Ltd offers a diverse product range that includes:

Electricity Smart Meters:

- Single Phase Direct Connected Smart Meter
- Three-Phase Direct Connected Smart Meter
- Three-Phase CT (Current Transformer) Smart Meter
- Three-Phase CT/VT (Current Transformer/Voltage Transformer) Smart Me ter
- Data Concentrator Unit

08 Erka Kablo

Since its inception in 1987, Erka Kablo has solidi□ed its position as a dominant force in the industry, standing tall as a leading manufacturer and exporter of top-tier low current cables. With a steadfast commitment to excellence, Erka Kablo harness the expertise of their experienced personnel and cutting-edge technology to create products that surpass expectations.

The product portfolio is a manifestation of their dedication to excellence:

1- Data-LAN Cables
2- Coaxial Cables
3- Fire Warning Cables
4- Security, CCTV, and Audio Cables
5- Energy and Installation Cables
6- Telephone Cables
7- Signal and Control Cables
8- Halogen-Free Cables

09

07 شركة سانشن اليكتريك

مع تاريخ مميز يمتد لمدة أربعة عقود، أصبحت نينغبو سانشن للكهرباء المحدودة واحدة من كبرى الشركات المصنعة لعدادات الكهرباء. منذ تأسيسها في عام 1986، حافظت الشركة على سمعتها كواحدة من أكبر وأكثر الشركات المحترمة في الصناعة. تفتخر بسعة إنتاج سنوية مبهرة تبلغ 25 مليون عداد، وتحتل حاليًا حصة سوقية مهمة تبلغ 30% في الصين.

مجموعة المنتجات:

تقدم سانشن اليكتريك مجموعة متنوعة من المنتجات، وتشمل:

العدادات الذكية للكهرباء:

- عداد ذكي مباشر للطور الواحد
- عداد ذكي مباشر للطور الثلاثي
- عداد ذكي للطور الثلاثي مع محول تيار (CT)
- عداد ذكي للطور الثلاثي مع محولات تيار وجهد (CT/VT)
- وحدة مركزية لجمع البيانات

08 أركا كابلو

منذ تأسيسها في عام 1987، استطاعت أركا كابلو أن ترسخ مكانتها كقوة مهيمنة في الصناعة، وأصبحت واحدة من الشركات الرائدة في تصنيع وتصدير كابلات التيار الواطئ(low current) عالية الجودة. بفضل التزامها الراسخ بالتفوق، تستغل خبرة موظفيها المؤهلين والتكنولوجيا الحديثة لإنتاج منتجات تتجاوز التوقعات
.

محفظة منتجاتها :

1- كابلات البيانات (Data-LAN)
2- كابلات الأمان والمراقبة والصوت (Security, CCTV, and Audio)
3- كابلات المحور (Coaxial)
4- كابلات الطاقة والتركيبات (Energy and Installation)
5- كابلات إنذار الحريق (Fire Warning)
6- كابلات الإشارة والتحكم (Signal and Control)
7- كابلات الهاتف (Telephone)
8-كابلات خالية من الهالوجين (Halogen-Free)

MISSION STATEMENT

We strive to provide the most reliable and a□ordable electrical products, without compromising on quality or safety. We also aim to prove our quality skills, fair prices and customer care, so that we continue our business relationship for many years, beyond the □rst job we complete.

- **Have a wider range of products as per the market needs.**
- **Becoming the region's leading competitive provider of global commodities.**
- **Providing an affordable, safe, and reliable integrated electrical products**
- **Remain within the highest standards of ethics and reliability when dealing with customers and staff;**

الرسالـة

نحن نسعى جاهدين لتوفير المنتجات الكهربائية الأكثر موثوقية وبأسعار معقولة، دون المساومة على الجودة أو السلامة. نهدف أيضًا إلى إثبات جودة منتجاتنا وأسعارنا العادلة وخدمة العملاء، حتى نواصل علاقتنا التجارية لسنوات عديدة.

- **ان نمتلك مجموعة واسعة من المنتجات حسب احتياجات السوق.**
- **أن نصبح المزود التنافسي الرائد للسلع العالمية في المنطقة.**
- **توفير منتجات كهربائية متكاملة ميسورة التكلفة وآمنة وموثوقة.**
- **الالتزام بأعلى معايير الأخلاق والموثوقية عند التعامل مع العملاء والموظفين.**

CORE VALUES

Wafaa Alfurat's five core values explains who we are and what we do. In our commitment to excellence, it helps us fulfill our purpose and achieve our vision. We are guided by these values that create a common understanding for ourselves and each other.

Integrity and Transparency

We value the quality of being honest, fair and having strong moral principles. Our actions bring honor to ourselves and to our organization.

Pursuit of Excellence

We make great efforts to achieve superior results in everything we do by delivering what we have promised and add values that go beyond expectations.

Teamwork

We believe the best solutions are achieved from working together effectively and efficiently.

Responsibility

We hold ourselves accountable and fulfill our commitments by sharing the responsibility for our company as a whole.

Trust

We treasure our trust by depending on the reliance, partnerships and successes that we share with everyone. We will maintain this trust by upholding our core values.

القيـم

توضح القيم الأساسية الخمس لدى وفاء الفرات من نحن وماذا نفعل. في التزامنا بالتميز، فإنه يساعدنا على تحقيق هدفنا وتحقيق رؤيتنا. نحن نسترشد بهذه القيم التي تخلق فهمًا مشتركًا لأنفسنا وبعضنا البعض.

النزاهـة والشفافيـة

نحن نقدر جودة الصدق والإنصاف ولدينا مبادئ أخلاقية قوية. أفعالنا تجلب الشرف لأنفسنا ومنظمتنا.

السعي لتحقيـق التميـز

نحن نبذل جهودًا كبيرة لتحقيق نتائج متفوقة في كل ما نقوم به من خلال تقديم ما وعدنا به واكثر لنتجاوز التوقعات.

العمـل بـروح الفـريـق الـواحـد

نؤمن أن أفضل الحلول يتم تحقيقها من خلال العمل معًا بفعالية وكفاءة.

المسئوليـة

نحمل أنفسنا المسؤولية ونفي بالتزاماتنا من خلال تقاسم المسؤولية لشركتنا ككل.

الثـقـة

نحن نقدر ثقتنا بالاعتماد على الشراكات والنجاحات التي نشاركها مع الجميع. سنحافظ على هذه الثقة من خلال التمسك بقيمنا الأساسية.

WHY CHOOSE US?

We have a team of well trained, experienced, and knowledgeable professionals. Our professionals check international quality standards at every stage of manufacturing of the agents' products. As we believe in complete customer satisfaction, our products are of supreme quality. We are one of the best electrical distributors in Iraq for Years. Also, we have implemented a customer-centric approach; hence provide complete technical details of the products to our clients. Moreover, we implement ethical and transparent business policies. Furthermore, we bring innovative products to the market. Moreover, our product can be shipped to any part of Iraq under the stipulated time frame

EXPERTISE

Our job is to outsource premium products from across the world. This requires market knowledge and commercial know-how.

PRICE

Over time, we have fostered a trusted network of suppliers and because of our continuous cooperation, we can guarantee a distinct cost merit of our products.

EXCLUSIVITY

Wafaa Alfurat only partners with the best manufacturers, producers, and suppliers in the world to ensure our customers get the very best products when they order from us.

CONFIDENCE

We provide low-risk, trouble-free products and the normalcy of dealing with international companies. Moreover, our products are of the highest standard, best in the market.

SPEED

We stock our products in our warehouses scattered across the Baghdad, read for immediate delivery. We're always prepared for the next supply.

QUALITY

All our product ranges are machined from the finest quality raw materials and ingredients. Each product is manufactured and distributed with papers of analysis.

لماذا نحن الأفضل؟

نظرًا لأننا نؤمن برضا العملاء التام، فإن منتجاتنا ذات جودة عالية وتمر بالعديد من الفحوصات المختبرية قبل ان يتم طرحها الى السوق. أيضًا، قمنا بتنفيذ نهج يركز على العملاء؛ ومن ثم تقديم التفاصيل الفنية الكاملة للمنتجات لعملائنا. علاوة على ذلك، نحن نطبق سياسات عمل أخلاقية وشفافة. ونقدم منتجات مبتكرة إلى السوق. بالإضافة الى ذلك، يمكن شحن منتجاتنا إلى أي جزء من العراق ضمن الإطار الزمني المحدد.

الخبرة

مهمتنا هي الاستعانة بمصادر خارجية للمنتجات المتميزة من جميع أنحاء العالم. هذا يتطلب معرفة السوق والدراية التجارية.

السعر

بمرور الوقت، قمنا بتعزيز شبكة موثوقة من الموردين وبسبب تعاوننا المستمر، يمكننا ضمان ميزة تكلفة مميزة لمنتجاتنا.

الحصرية

تتعاون وفاء الفرات فقط مع أفضل المصنعين والمنتجين والموردين في العالم لضمان حصول عملائنا على أفضل المنتجات عند الطلب منا.

الثقة

نحن نقدم منتجات منخفضة المخاطر وخالية من المتاعب لطبيعة التعامل مع الشركات العالمية. علاوة على ذلك، منتجاتنا من أعلى المعايير وأفضلها في السوق.

السرعة

نقوم بتخزين منتجاتنا في مستودعاتنا المنتشرة في جميع أنحاء بغداد، جاهزة للتسليم الفوري. نحن مستعدون دائمًا للإمداد التالي.

الجودة

يتم تصنيع جميع منتجاتنا من أجود المواد الخام والمكونات.

Our Products

01 WIRES

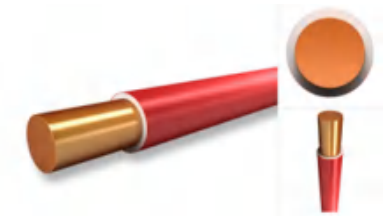
We o□er o□ers a wide range of electrical building wires with thermoplastic PVC insulation for general purpose applications such as for supplying power and lighting in residential and commercial buildings. They are intended for use in the indoor □xed installation, distribution in conduits as well as in closed installation ducts, and is ideal for the internal wiring of appliances and apparatus.

Stranded Wires

450/750V, PVC insulated (British standard)

Solid Wires

300/500V, PVC Insulated (British standards)

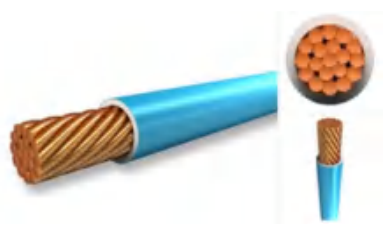


Flexible Wires

600/1000V, PVC Insulated (British standards)

THHN/THWN Building Wires

600V, THHN/Stranded Copper Conductors (American standards)



Technical Specifications

- Designed and tested in accordance with the latest UL, BS or IEC standards.
- Designed with Max. Conductor Temperature at normal operation of 70 °C - 90 °C - 105 °C.
- Manufactured from electrolytic grade 99.97% pure copper.
- Manufactured with a superior grade □ame retardant PVC insulation to IEC 60332-1.
- Gasoline and oil resistant.
- Available with full range of colors and di□erent packing options.

02 LOW VOLTAGE CABLES

We o□er an extensive range of 0.6/1.0kV single-core and multi-core power and control cables. These cables have indoor and outdoor applications in power and petrochemical plants, utility buildings, electrical equipment, and more. Made from the highest quality raw materials and the latest manufacturing techniques to produce these cables. Low Voltage Cables are available in both PVC and XLPE insulations of copper and aluminium, with armoured and unarmoured designs, and in single or multi-core constructions.

- PVC insulated Low Voltage Cables are suitable for permissible continuous conductor operating temperature of 85c.

- XLPE insulated Low Voltage Cables are suitable for operating temperature of 90c.

Lead Sheathed Cables are used mainly in the utilities and petrochemical industries owing to the lead sheathing's resistance to sul□des, water, oil and any corrosive chemicals found in the ground water. They have an extended lifespan, making them a reliable option for large-scale, infrastructure-related uses. For LV Lead Sheathed Cables, we are able to supply fire retardant PVC, anti-termite / anti-rodent PVC, sunlight resistant PVC, and oil resistant PVC.

SINGLE CORE

Copper Conductor

PVC/XLPE Insulated, Unarmored, with Copper Conductor

Aluminum Conductor

PVC/XLPE Insulated, Unarmored, with Aluminum Conductor

MULTI CORE

Unarmored

PVC/XLPE Insulated, Multi Core Cables, Unarmored

Steel Tape Armored

PVC/XLPE Insulated, Multi Core Cables, Steel Tape Armored

Steel Wire Armored

PVC/XLPE Insulated, Multi Core Cables, Steel Wire Armored

CONTROL CABLES

PVC Insulated

With Copper Conductors, PVC Insulated and PVC Sheathed

PVC Insulated, Steel Tape Armoured

With Copper Conductors, PVC Insulated, Steel Tape Armoured and PVC Sheathed

PVC Insulated, Steel Wire Armoured and PVC Sheathed

With Copper Conductors, PVC Insulated, Steel Wire Armoured and PVC Sheathed

Technical Specifications

- Available with Copper or Aluminium conductors.
- Designed and tested in accordance with the latest IEC or BS standards.
- Available in Single-core (up to 1000 mm2) or Multi-core (up to 500 mm2) constructions.
- Available with Cross-linked Polyethylene (XLPE) or Polyvinyl Chloride (PVC) insulation.
- Provided with □ame retardant PVC jacket to pass □ame propagation test to IEC 60332-1.
- Available in Armoured/Non-armoured and Shielded/non-shielded constructions.
- Special sheathing materials such as low smoke halogen free (LSHF), LLDPE, and MDPE are also available on request

03 MEDIUM VOLTAGE CABLES

The medium-voltage power cables range is available with a maximum cross-sectional area of 1,000mm2 for single-core cables and 500mm2 for triple-core cables and nominal system voltage ratings of up to 36kV. These cables are used to supply electricity to commercial or residential buildings and to industrial distribution circuits.

The available high voltage power cables meet the requirements of the National Electricity Transmission Company as well as other international standards for quality and safety.
With triple-layer Cross Linked Polyethylene (XLPE) insulation, Medium Voltage Cables are highly resistant to both high and low temperatures, as well as moisture and chemicals, ensuring a long lifespan and fewer breakdowns. The use of XLPE also a□ords the bene□ts of the material's excellent electrical and mechanical properties, and its low dielectric factor

They are suitable for indoor use (eg. power supply stations) and outdoor use (eg. in cable ducts, underground, and on cable trays for industrial buildings, switch-boards, and power stations). They are designed to meet both the national and international standards in quality and safety.

SINGLE CORE

Copper Conductor

copper conductors, XLPE Insulated and PVC Sheathed

MULTI - CORE

Copper Conductor

with copper conductors, XLPE Insulated and PVC Sheathed

Technical Specifications

- Available with Copper or Aluminum conductors.
- Designed and tested in accordance with the latest IEC or BS standards.
- Available in Single-core (up to 1000 mm2) or three-core (up to 500 mm2) constructions.
- Available with Cross-linked Polyethylene (XLPE) or Tree-Retardant Cross-linked Polyethylene (TR-XLPE) insulation.
- All XLPE insulation of our Medium Voltage Cables are done pursuant to standards outlined by IEC 60502-2 and IEC 60811. The conductors used are Stranded Class 2 of plain annealed copper or aluminum, in accordance with IEC 60228
- Standard outer sheathing on our Medium Voltage Cables is extruded PVC type ST2; special PVC sheathing can be accommodated on special request; in addition, other sheathing materials such as low smoke halogen free (LSHF), LLDPE, MDPE and HDPE are available on request
- Available with copper Wires or copper Tapes metallic screen with customized short-circuit current capacity.
- Provided with □ame retardant PVC jacket to pass □ame propagation test to IEC 60332-1.
- Available in Armoured or Non-armoured constructions.
- Completely Watertight designs.

04 HIGH VOLTAGE AND EXTRA HIGH VOLTAGE CABLES

We provide high-voltage power cables with a maximum cross-sectional area of 2,500mm2 and rated system voltages of up to 380kV. All XLPE insulations of our High and Extra High Voltage Cables are done pursuant to standards outlined by IEC 60840 and IEC 62067, as applicable. The conductors used are Stranded Class 2 (round for 800 mm² and below and segmental for 1000 mm² and above);

The cables are manufactured from high-quality materials in state-of-the-art facilities and they conform to both national and international quality and safety standards.

SINGLE CORE

Copper Wire Screen

Copper Conductor, XLPE Insulated with Copper Wire Screen

Lead Sheath

Copper Conductor, XLPE Insulated with Lead Sheath

Technical Specifications

- Available with Copper or Aluminium conductors up to 2500 mm2.
- Designed and tested in accordance with the latest IEC 60840: 2011 standard.
- Available with copper Wires screen and Lead-alloy sheath.
- Available with customized short-circuit capacity.
- O□ered with completely watertight design.
- Standard outer sheathing of our High Voltage Cables is extruded HDPE type ST7; other PE sheathing compounds such as LLDPE, LMDPE, and MDPE are available on request

05 FIRE SURVIVAL CABLES

The Fire Survival Cables range features a variety of cables and wires designed to withstand extreme heat. The range of products includes □ame-retardant cables, low smoke halogen-free (LSHF) cables and wires, and □re-resistant cables. Flame-retardant cables help prevent the spread of □re while □re-resistant cables are able to continue supplying power to emergency circuits during a □re. LSHF cables are slow to catch □re and they burn slowly with low amounts of smoke and toxic halogen gases, making it easier for people to escape in the event of a □re.

SINGLE CORE

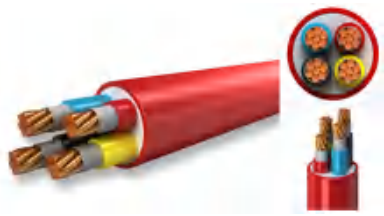
Copper Wire Screen

Copper Conductor, XLPE Insulated, LSHF Sheathed

MULTI CORE

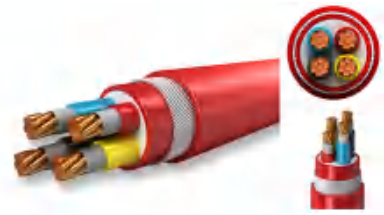
LSHF Sheathed

Copper Conductor, XLPE Insulated, LSHF Sheathed



LSHF Sheathed, Steel Wire Armored

Copper Conductor, XLPE Insulated, LSHF Sheathed



Technical Specifications

- Available with Copper or Aluminium conductors.
- Designed and tested in accordance with the latest IEC or BS standards.
- Available in Single-core (up to 630 mm2) or Multi-core (up to 400 mm2) constructions.
- Flame retardant cables can be designed to pass the di□erent □ame categories A, B, C & D to IEC 60332-3 standard.
- Fire-resistant cables cab be designed to pass the di□erent □re resistance categories such as (CWZ) to BS 6387 or (F120) to BS 7846.
- Available in Armoured or Non-armoured constructions.
- O□ered with completely watertight design.

06 OVERHEAD CONDUCTORS

Our extensive line of bare overhead conductors is designed for the safe transmission and distribution of electricity. All our overhead conductors are manufactured and tested in line with the latest national and international standards.

They can be installed on transmission towers, wooden poles, and other structures, and installations range from long-distance extra-high-voltage (EHV) transmission lines to sub-service spans at distribution or utilization voltages on private premises. We o□er technical assistance in choosing and installing overhead conductors as per your requirements.

Technical Specifications

- Designed and tested in accordance with the latest IEC, BS, DIN or ASTM standards.
- Available in a wide range of types (AAC), (AAAC), (ACSR), (ACSR/AW) or (ACAR).
- Designed with Maximum Conductor Temperature up to 80 °C.
- Customized conductor sizes and designs are available upon request.
- AAC conductors are manufactured by corrosion-resistant 1350-H19 aluminum.
- AAAC conductors are manufactured by high-strength 6201 T81 aluminum alloy.
- Available as bare conductors or insulated (Service Drop Cables).

07 SIGNAL, COMMUNICATION & DATA CABLES

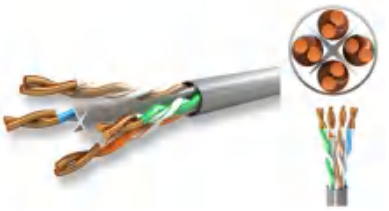
We o□er a diverse range of signal, communication, and data cables including telephone cables, coaxial cables, and LAN cables. All our signal, communication, and data cables are manufactured from high-quality materials in hi-tech facilities.

Coaxial Cables (RG6/U)

Solid Copper Clad Steel Conductor, Foam Polyethylene Insulated, Braid Shielded and PVC Jacketed

Local Area Network Cables (LAN)

Solid Copper Conductor, Polyethylene Insulated and PVC Jacketed



Telephone Cables

Solid Copper Conductor, PVC Insulated and PVC Sheathed

Technical Specifications

- RG6/U cables are designed and tested to meet the requirements of MIL-C-17 standard.
- Telephone Cables are designed and tested to meet the requirements of IEC 60198-1 and IEC 60189-2 standards.
- LAN Cables are designed and tested to meet the requirements of TIA/EIA 568 & ISO/IEC 11801 and UL444 standard.

08 DISTRIBUTION BOARDS (LOAD CENTER)

We provide an extensive range of type-tested distribution boards for low-voltage (LV) electrical systems that are suitable for residential, commercial, and industrial properties.

- Each unit is manufactured in accordance with IEC standards and tested in state-of-the-art laboratories to ensure consistent and e□ective protection against short circuits and overload.
- Our distribution boards are subjected to rigorous quality control processes to ensure that they perform reliably and safely at all times.

FEATURES

1. Design

a. Aesthetics

With its modern look and elegant design, the load center has come a long way from the boxy eyesore load centers used to be, and □ts attractively in with any decor.

b. Color

The LD load center's fresh color scheme was chosen to blend in with the wall colors of your home without the need to repaint it.

2. Safety

a. Protection against electric shock

E□ective earth continuity is ensured on each panel during design and manufacturing to protect operators against any possible electrical shock when they touch the enclosure.

2. Safety

b. Fully shrouded busbar system

The fully shrouded busbar system safeguards customers from accidental contact to the busbars while they are energized. The shrouded busbar system plays a very important role in preventing an internal arc because it will prevent foreign objects from entering and touching the busbars and cause a short.

c. Dead front cover

A dead front cover is installed on the panels to eliminate the possibility of people touching any of the live parts inside the panel during operation.

3. Reliability

a. High corrosion resistant enclosure and internal parts

Double protection against corrosion is achieved by using an electrogalvanized steel sheet as the base material and powder-coating the same with Polyester powder.

b. Tin plated copper busbars

99.9% pure copper is used to construct the busbars of LD load centers.
Busbars are tin plated to protect them against atmospheric corrosion.

09 CIRCUIT BREAKERS

We provide miniature circuit breakers (MCB), molded-case circuit breakers (MCCB), and residual circuit breakers with overload (RCBO) for low-voltage electrical systems. Our circuit breakers are manufactured from high-quality materials in well-equipped production facilities so you can count on them to provide the highest possible degree of reliability.

SAFETY FEATURES

a. Sealable Handle

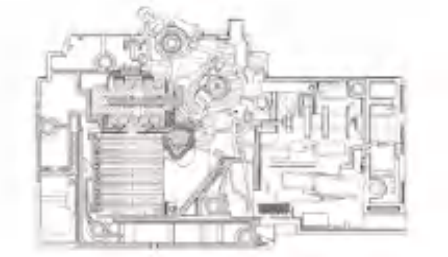
b. True Contact Indication

c. Contact Separation:

In normal ON/OFF operation contacts separation is 8mm, in case of abnormal /fault conditions the contacts get separated by, which prevents the arc from restriking and ensures e□ective arc quenching

a. Unique Patented Quick Tripping Arrangement

The mechanism is arranged to transform linear force into rotary force for quick opening of the contacts which reduces the energy inside the breaker to a minimal level during the clearance of fault. The e□ectiveness of this action remains the same up to the last shot of short circuit sequence.



b. Contact Tip

Silver graphite contact tips ensures longer life and maximum safety against contact welding due to superior anti-welding properties enhancing safety and life of system.

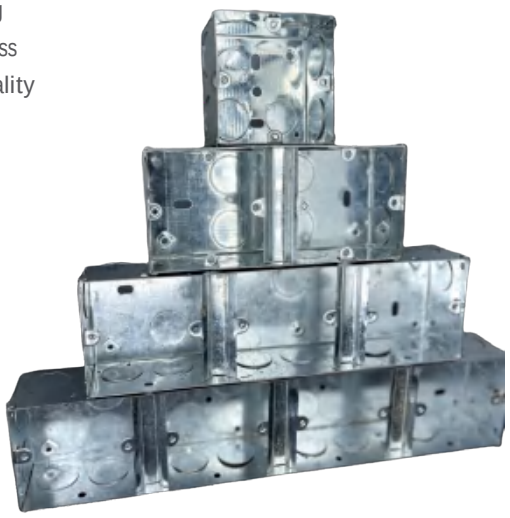
10 METAL BOXES

Protection against electric shock

E□ective earth continuity is ensured in our switch boxes, for varieties that include brass or steel terminals, to protect operators against any possible electrical shock. Earth terminals are pivoted to ensure tightness and earth continuity.

a. High corrosion resistant enclosure and internal parts

To protect against corrosion, our switch boxes are fabricated using high quality hot-dipped Galvanized steel sheet material. This process has been validated using the Salt Spray test to ensure the functionality of the switch boxes under the harshest atmospheric corrosive conditions.



b. Mechanical strength Switch boxes

Mechanical strength Switch boxes are designed and manufactured to ensure adequate mechanical strength during installation and durability throughout their service life. Furthermore, the lugs have threaded hole which increases their reliability and resistance to damage even after multiple use.

11 ELECTRICAL SWITCHES & SOCKETS

We o□er high-quality electrical switches, sockets, dimmers, and other wiring accessories in a range of designs and colors. Our wiring accessories are easy to install and they are built to last whether they're being used in home, o□ce or leisure environments.

a. Quality

Our electrical switches are designed and manufactured under a strict ISO 9001 certi□ed quality management system, and are in conformity with the relevant British Standards.

b. Design

They have an innovative design with a stylish curved shape. Hidden mounting screws and a high gloss, easy to clean surface □nish. Technically for □exibility and many unique features, including oval mounting holes for straight positioning during mounting.

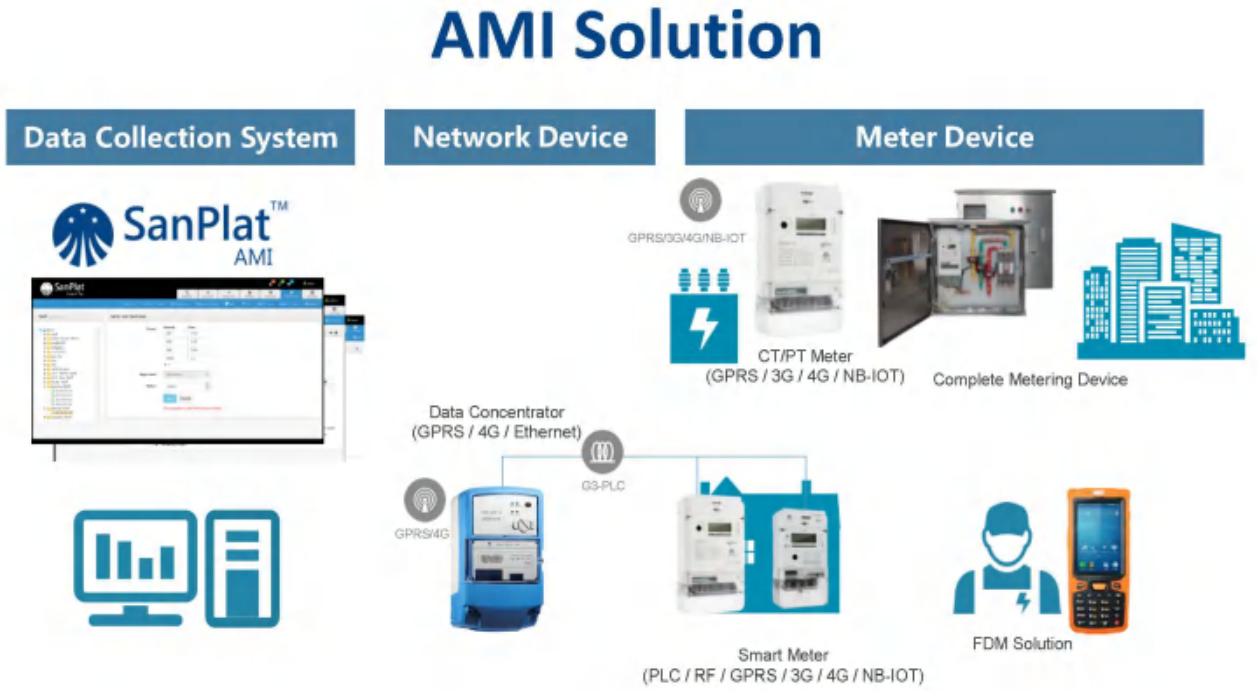
c. Unbreakbility

They have a heavy-duty design for a long and reliable service life. All plates are molded from high impact polycarbonate, a tough engineering plastic which makes them virtually unbreakable. Making them suitable for public buildings like schools, hospitals, hotels etc.

d. Safty

They are heat resistance and Access to the live parts are restricted even after the cover plates are removed o□ering highest level of safety.

12 SMART ELECTRICITY METER.



Smart meter with an innovative platform approach enables seamless integration of smart metering functions into the smart grid. It is optimized for smart residential and mid-size commercial environments and ensures maximum flexibility.

FEATURES

- **Optimized new metrology base with a powerful “Measure Everything” measuring concept.**
- **Backward compatible PLC modules.**
- **Flexible memory capacity availability.**
- **Extended set of embedded Smart Grid functions.**
- **Integrated high-level security mechanisms.**
- **Sub-metering support and data forwarding over various HAN and WAN communication paths.**

KEY BENEFITS

- **Optimized new metrology base with a power- full “Measure Everything” measuring concept**
- **FW upgradeability of meter communication modules.**
- **Fair meter approach (high level of recyclability)**
- **Modular communication on WAN interface.**
- **Modular communication on the customer interface.**
- **Integrated high-level security mechanisms.**
- **Modular set of input/output options**

Our Projects

08 OUR PROJECTS

al zahraa Project

Sama Baghdad Project

Nasim City

Mansour City

Maki City

Alfallujah Towers

08 OUR PROJECTS

Alkadhemyia New City

Alanbar International hotel

heart of the world hotel

Buruj Residential Complex

Alsultan complex

American University of Iraq

Etihad Sugar Factory

Kuwait : Surgical Complex in Basra General Hospital

Al Ameerat City

Alsalam complex

Palm towers complex

Marina complex

Millennium Tower complex

Lolaat Alfaluja complex

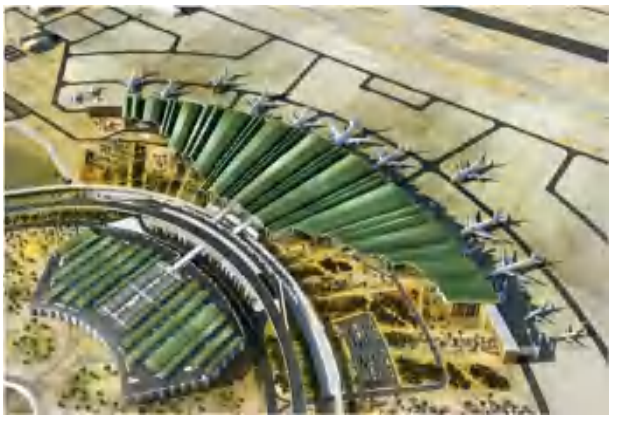
Alatifia complex

Alwafi City complex

Al Absali complex

alhuriya hospital

alshaeb hospital



Karbalaa National Airport

Other projects that Wafaa Alfurat helped supply:

Zayona Mall

Jawhara Mall

Ministry Of Electricity

Ministry of Oil

OUR WAREHOUSES & INVENTORY


وفاء الفرات
GRENDIA
30


وفاء الفرات
للوكالات التجارية


وفاء الفرات
للوكالات التجارية

QUALITY CERTIFICATES

National and international certificates are the evidence of the company's verifiable quality standards for processes and products.

CONTACT US

Wafaa Al Furat was established with the aim of meeting the growing local market and export requirements. Our vision is to be a leading company in Iraq and the Middle East region in the supply of electrical materials. Since its establishment, it has worked in the preparation of electrical materials for contracting and supplied many projects, including (hospitals, schools and many Residential buildings)

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+964 7901309251 (Sales)

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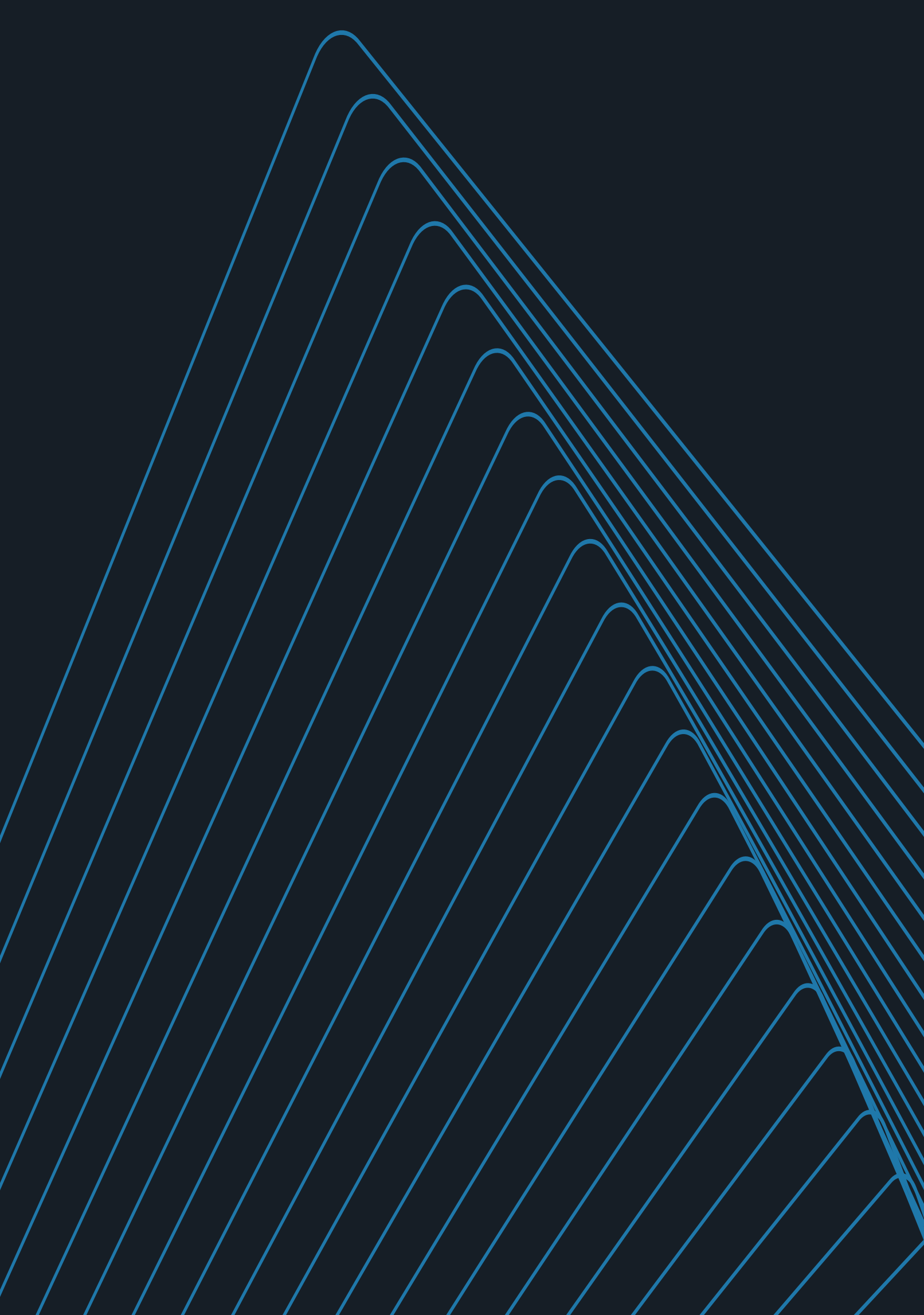

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وفـــاء الفرات
WAFAA ALFURAT
TRUST IN THE QUALITY