WRA
White Rose Agencies

20 YEARS IN BUSINESS

SPOTLIGHT

Buying Guide
2020/21

Welcome

Welcome to the Special Edition 2020/21 'Spotlight' Buying Guide, designed to put our Market Leading Manufacturers in the spotlight, so you're not in the dark. This publication nicely coincides with the milestone of our twentieth year in business as Accredited Sales Agents.

We have seen many changes throughout the last two decades and of course none more so than the last few months but our 'Mission' has always remained consistent and that is to provide the best possible sales service to the Electrical Wholesale market in the North East of England. In order to achieve this we have associated ourselves with professional Manufacturers, intent on providing top quality products. In our short existence we have helped to establish some of the most recognisable brands in our sector.

We are particularly proud to have made a huge contribution in the promotion and growth of energy saving products and bringing the latest innovative products to market. Our commitment was recognised in 2011 when, at a ceremony in Athens, Greece we were awarded 'International Agent of the Year' by the Internationally United Commercial Agents and Brokers. In the same year, we received the Manufacturers' Agents' Association of Great Britain and Ireland 'Agent of the Year' accolade. We were elected a Fellow of the Institute of Sales and Marketing Management in 2014 and finally 2019 saw us become one of the founding members of the Network of Electrical Sales Agents UK.

Our Message to customers is reinforced by a number of proven sales growth strategies all aimed at supporting and increasing the knowledge of key personnel within the Wholesaler to help maximise sales opportunities – none more so than our recently launched Tech Talk Trade Events.

We look forward to the continued strengthening of our customer relationships as we strive to provide the vital sales link between Manufacturer and Electrical Wholesaler in the North East.

#inthistogether

Best Wishes

Pete Massey

Pete Massey

Contents

www.whiteroseagencies.com

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White Rose Agencies
Making the right connections

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01 | Cable Management

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Introduction

About Us

Atkore delivers a unique portfolio of integrated electrical raceway solutions that deploy, isolate and protect a structure's electrical circuitry from source to outlet.

With 4,000 employees and 66 manufacturing and distribution facilities worldwide, we meet our customers' needs by providing unmatched quality, delivery and value across a robust product line that includes steel, PVC and aluminium conduit, armoured cable and flexible conduits, metal framing, wire baskets, cable trays and other complementary products including fittings and mechanical pipe.

Atkore's mission is to provide the assurance of quality, delivery and value for its customers in electrical raceway and mechanical products and solutions.

Our Global Manufacturing and Distribution Footprint

Atkore have manufacturing and distribution facilities spread all around the world.

We are committed to producing high quality products with zero harm to the people that create, use and deliver our products as well as protecting the environment in which we work. We are invested in making environment, health and safety an indispensable part of our company's commitment to excellence. This includes ensuring that all materials used in the manufacture of our products are free of conflict minerals.

Working to support a wide range of Industries

Atkore's product range can be found all over the world in sectors where expertise and reliability are vital to success.

• Construction • Renewable Energy • Utilities • Healthcare • Automation & Manufacturing • Rail • Hazardous
• Transportation

Atkore

UNISTRUT®

CABLE MANAGEMENT, METAL FRAMING
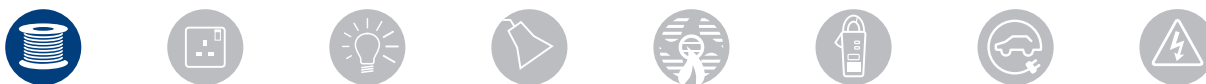## PREFABRICATED & MODULAR SOLUTIONS

+44(0)121 580 6300

www.unistrut.co.uk

A PART OF

atkore
INTERNATIONAL

Atkore

UNISTRUT®

Unistrut : Product Family

Using our standard range as a starting point, Unistrut can engineer and manufacture comprehensive cable management and framing systems for a wide variety of applications. For specialist jobs we can offer a broad range of bespoke finishes as well as the more standard requests.

Cable Trays

`PG` `HG` `SS`

Available in US, UK and European standard patterns, our cable trays come in a wide range of sizes and finishes, including a self splicing fast assembly variant for both installation efficiency and maximum application versatility.

Unistrut's cable trays are available in Extra Heavy Duty options, for applications where additional strength is required.

A broad variety of finishes, fits and shapes ensure we have the widest range of cable tray systems in the industry.

Metal Framing

`PG` `HG` `SS` `DH` `PO`

The original Unistrut metal framing offers unrivalled quality and durability and is designed to work with the full range of new Unistrut parts and accessories.

Designed and created by us, our metal framing underlines our commitment to produce products you'll be proud to install.

Available in multiple materials and finishes including : Pre-galv, Hot-dip galv, plain oil and supported by comprehensive range of fittings and accessories this range gives you a solution to meet all your application and environmental needs.

Cable Ladders

`PG` `HG` `SS` `DH`

Unistrut cable ladders are the ideal solution when installing large power cables that need to be supported safely. Available in light, medium and heavy duty patterns to suit your application.

As with our other products we can produce these in a variety of materials and finishes including our Cope Glas tray - a fibreglass cable ladder system.

Modular & Prefabrication

Unistrut is able to offer a wide range of expertise and services to supply custom solutions to suit the need of any projects.

Our prefabricated service specialises in solving complex framing issues. Our ability to assess, design, build and support bespoke systems has proven to be invaluable on a variety of major projects.
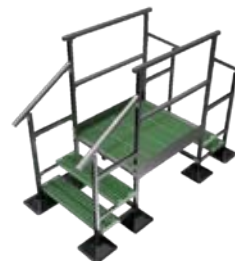
`PG`	Pre Galv	`HG`	Hot Dipped Galv	`SS`	Stainless Steel
`PO`	Plain Oil	`ZP`	Zinc Plated		
`DH`	Deep Galv	`PC`	Powder Coated		

Tel: 0121 580 6300 www.unistrut.co.uk

Atkore

marco
cablemanagement

**CABLE MANAGEMENT
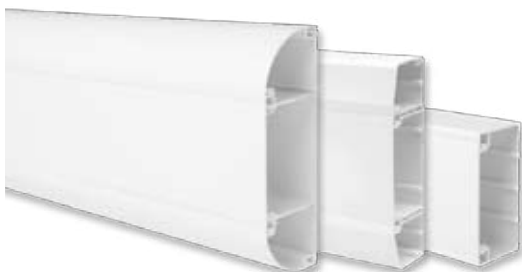PRODUCT GUIDE**

+44 (0) 1248 725 772

www.marcocm.com

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Product Range

uPVC Trunking

Marco offer a wide range of uPVC trunking systems to suit any application. We manufacture many different styles of uPVC Trunking across our five product families which are, Elite, Apollo, Juno, Maxi & Mini.

Marco can accommodate DDA Compliance through the use of contrasting colours on our centre lids and plates.

Aluminum Systems

As well as our uPVC Trunking, Marco offer Aluminum systems which include, Power Poles, Power Posts and Bench Trunking solutions.

All of our Aluminum systems are available in both Silver and our classic Pure White finish to suit all aesthetic requirements.

Steel Wire Cable Tray

Marco Cable Management is the largest UK manufacturer of Steel Wire Cable Tray. Our Steel Wire Cable Trays are available in electro-zinc, pre-galvanised, powder-coated and hot-dip galvanised finishes.

Offered in three standard depths, 30mm, 55mm & 106mm, Marco's Steel Wire Cable Tray is adaptable and lightweight, enabling users to easily modify the tray on-site without compromising its strength or performance.

Prefabrication

In an effort to expand and consolidate our service delivery, Marco offer bespoke trunking solutions as part of our prefabricated and modular services.

Each assembly is supplied as a complete unit, and feature all of Marco's signature product benefits, including pre-punched knock-outs on the trunking base and necessary cable segregation throughout.

For more information, contact the Marco team today!

Atkore™

FLY⚡TEC

SYSTEMS LIMITED

LEADING THE WAY IN CABLE TRUNKING

+44 (0) 1793 611777

www.flytec.co.uk

Tel: 01793 611777 www.flytec.co.uk

Flytec: Product Family

With a committed team, years of experience, in depth knowledge and a full understanding of cable trunking manufacturing, Flytec Systems is one of the industry lead systems.

Surface Trunking

Flytec offer a comprehensive range of high quality cable trunking and accessories. Our Surface Trunking is manufactured using pre-galvanised steel to BS EN10142 & 3. Flytec offer Single Compartment, Multi-Compartment Trunking & Trunking for External Use.

Lighting Trunking

Flytec's offer a range of lighting trunking solutions including both galvanised and powder coated finishes. Lighting Trunking can be fixed directly to the ceiling or suspended by hanging brackets. Our Lighting Trunking is 50 x 50mm trunking body as standard and is available in 5 metre & 4 metre lengths.
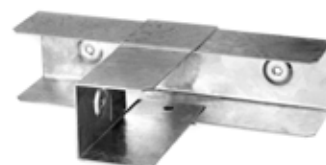
Perimeter Systems

PG HG SS DH

Flytec manufactured Metal Skirting and Dado trunking, comprised of a galvanised sheet steel body with a powder coated overlapping lid in white as standard. Our Perimeter Systems are supplied in 2 metre lengths with chamfered or flat top/base options. 2 or 3 compartments are most commonly used however systems to suit clients individual requirements can be manufactured within a short lead time.

Floor Systems

Flytec offer a wide range of floor systems including, Flush Floor Trunking, Service Outlet Systems, Under Floor Trunking, Chequer Plate Trunking and Service Outlets Boxes. For more information on our floor systems, contact the team or visit our website!

For more information, contact the Flytec team today!

Tel: 01793 611777 www.flytec.co.uk

Koreflex

Flexible Conduit Products

www.koreflex.co.uk

A PART OF atkore INTERNATIONAL

Tel: 0345 208 5444 www.koreflex.co.uk

Koreflex

Koreflex Flexible Conduit Products

Flexible conduit to suit a range of environments from residential to commercial and industrial.

Consisting of six flexible conduits in metallic or non-metallic with compatible glands, the offer is ideal to protect exposed cables from a range of environments. Koreflex has been value engineered to out compete other low cost, imported products without sacrificing quality and performance.

Metallic Flexible Conduit & Glands

Koreflex offer 3 metallic flexible conduit systems:

- Galvanised Steel
- PVC Coated Galvanised Steel
- Galvanised Steel with Liquid Tight PVC Cover

For the termination of the conduit there are several metallic glands to chose from, straight, swivel, and 90° along with accessories for fixing, such as clips.

Non-Metallic Flexible Conduit & Glands

Koreflex offer 3 non-metallic flexible conduit systems:

- Polypropylene Black or White
- Nylon PA6
- PVC Spiral

For the termination of the conduit there are several nylon and polypropylene glands to chose from including hinged, one piece, and 90° along with accessories for fixing, such as clips.

Contractor Packs

Convenience packs of all 6 conduit systems are available for simplistic ordering and storage for the customer.

Packs consist of 10 metres of flexible conduit, 10 glands and 10 locknuts. A complete pack with just one part number.

For more information, contact the Koreflex team today!

www.koreflex.co.uk

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Koreflexsales@atkore.com

02 | Wiring Accessories

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White Rose Agencies
Making the right connections

EUROLITE

Introduction

Eurolite was established in 1998 and has gone from strength to strength due to its unusually high level of customer service as well as its extensive product range. By building up a trusted and professional name over 21 years, Eurolite has learned to understand its customers and their needs building strong and loyal relationships with wholesalers and contractors.

As a decorative wiring accessories supplier, Eurolite puts customers first by offering quality products which fulfil a range of needs. We offer a comprehensive range of decorative accessories and only supply fully certified products which comply to British Standards.

The business has over 5,000 products in stock meaning we can offer next day delivery as standard and we have an in-house assembly team to meet the bespoke requirements of contractors, wholesalers and homeowners.

EUROLITE

Eurolite offers 5 wiring accessory ranges to meet the needs of wholesalers, contractors and homeowners alike. Having 21 years of trading, specialising in decorative wiring accessories, enables us to offer ranges made using traditional materials and methods with Crabtree components through to competitively designed ranges to meet the latest trends and pricing.

ENHANCE

The Enhance range was designed with everyone in mind. For the homeowner it gives a stylish upmarket look and for the installer you get a full selection of grid and modular options for a simple and easy installation. Designed with great flexibility,

the Enhance range pleases everyone.

The range includes a standard 7mm profile in 6 finishes, a slim 2mm profile and a white plastic range. All include grid and modular options, all available next day with our interchangeable switch modules.

OPTIMUM

Incorporating the popular and well known Stainless Steel range from Eurolite. This classic range offers a comprehensive choice of design and finishes and is competitively priced.

Utilising Crabtree components you can fit and forget this range making it a favourite amongst contractors

and our quality statement is matched with our lifetime guarantee.

Highly engineered, the thicker plate gives the product a premium feel across all 6 finishes with the 7mm profile and the concealed slim 3mm range.

EUROLITE

Period

Highly engineered decorative wiring accessories in period styles, features and finishes suitable for any modern or period building.

Our period ranges are fully assembled in the UK and use the long established Crabtree inserts and

Varilight dimmers. And our quality statement is matched with our lifetime guarantee.

The Victorian, Georgian and Stepped designs all incorporate grid and modular options available on short lead times with the standard products available next day.

FINESSE

This sleek, screwless flat plate range is a combination of style and functionality; clean lines and flawless finishes are discreet and elegant enough to complement the most prestigious of interior projects creating a contemporary feel.

The standard 6 mm profile option is complemented by the screwless 3mm range available in matt black, matt white and antique.

To maintain the sleek looks at all times, the anti fingerprint finish is as standard on these ranges.

Metal Clad Range | EUROSEAL

A functional range of weatherproof and industrial sockets and switches to provide high quality,

desirable looking products for use outside and in external, industrial or commercial buildings.

Tel: 01772 672 020 www.eurolite.co.uk

03 | LED Dimming

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REVOLUTIONISING
LED DIMMING

Zano Technology out performs all other manufacturers in testing, and is exclusively designed with LEDs in mind. Our digital technology delivers flawless, flicker-free and silent dimming. Offering contractors a high-end solution to LED dimming at a competitive price. Zano have revolutionised LED dimming by replacing the Triac copper coil found in most other dimmers with Zano's exclusive digital technology.

To make choosing the right dimmer for your LED project even easier, our dimming options are split into two simple categories: single-point and multi-point dimming on a single circuit. Zano's single-point dimmers are an every-day answer to LED dimming. Available in two different wattages – 0-150W/VA or 5-250W/VA – and as grid, module or plated versions. This range of dimmers have all the features you need to install a flicker-free and silent dimming solution on 0-250W/VA LED installations.

Multi-point dimming has traditionally only been available through complicated and expensive lighting control. The ZSMARTLED and ZBARLED not only cover a wattage of 0-1000W/VA and deliver multi-point dimming, but are installed using existing 3 core and earth – with no rewiring or computer programming required. These products enable control of LEDs from multiple control points, straight off the shelf.

YOUR ONE-STOP LED SHOP

SINGLE POINT LED DIMMING
Available in module, grid and plated
0-150W/VA or 5-250W/VA

MULTI POINT LED DIMMING
Dim from 2 to 32 points on a single circuit
5-150W/VA, 0-300W/VA or 0-1000W/VA

FLICKER-FREE & SILENT LED DIMMING

4 STEPS TO
SUCCESSFUL LED DIMMING

1.
Use a **digital dimmer**, not <u>triac</u>

2.
Allow for **inrush**

3.
Use **good quality lamps**

4.
Buy a **Zano Controls** digital LED dimmer

zano
controls

FLICKER-FREE & SILENT
LED DIMMING

WHICH DIMMER DO I NEED?

WOULD YOU LIKE TO DIM FROM MORE THAN 1 POINT?
— YES → Would you like to dim from **more than 3 points?**

NO

Over **250W?** — YES

NO

Do you need a **plated version?** — NO

YES

Do you need a **grid kit?**

YES → NO

YES (more than 3 points)

NO (more than 3 points)

More than **150W?** — YES

NO

Zano rotary controllers available

ZLINELED
0-150W/VA or
5-250W/VA

ZGRIDLED RANGE
0-150W/VA,
5-250W/VA or 1-10V

ZMO RANGE
0-150W/VA or
5-250W/VA

ZBARLED
0-300W/VA,
0-1000W/VA or
1-10V

ZSMARTLED
5-150W/VA

Tel: 0345 519 5858 www.zanocontrols.co.uk

04 | Lighting

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White Rose Agencies
Making the right connections

WELCOME TO A NEW
AND DIFFERENT
RED ARROW

OPEN FOR BUSINESS
8.30AM – 5.00PM MONDAY –
THURSDAY & 8.30AM – 4.30PM FRIDAY

Red Arrow Electrical Distribution Limited
was formed in May 2019, following the acquisition
of the 20 year old Red Arrow Trading business.
The new Red Arrow team has solid foundations,
with experience stretching back 40 years in the
professional commercial lighting industry.

We have now embarked on a progressive investment
strategy to transform Red Arrow into a leading
manufacturer of high quality LED lighting solutions.
This has commenced with the introduction of new,
higher performance and innovative luminaires
and the removal of non-core products.

Further changes are ongoing:

Quality First
Quality is our No.1 priority. We have already achieved
ISO 9001 accreditation and are integrating ISO 14001
into the business. We have also started regular technical
training for the whole team.

Manufacturing
We have opened our own wholly owned manufacturing
facility in the far east, managed by English and Chinese
managers with over 10 years experience of electrical
supply chain and compliance for IKEA.

Logistics
Our own staff now control stock, rather than a Third Party
Logistics service. In the summer of 2020 we moved to
a new 55,000 sq ft warehouse, complete with bespoke
testing and customer experience facilities.

New Product Development
Improved quality, higher performance and unique design
& time saving detail all feature heavily in our new product
development plans, to help give you and your customers
a commercial advantage.

Branding
You will have noticed our new, striking brand. Every other
element is also being transformed to be more informative
and distinctive and we are already working on our next,
fully redesigned product guide and website.
Watch this space!

**Contact us today to experience the new
Red Arrow and let us Light Up Your World**

0800 195 0006

NEXT DAY DELIVERY
FOR ORDERS PLACED BEFORE
3PM (UK MAINLAND)

CARRIAGE PAID
ON ANY ORDER OVER £150
(UK MAINLAND)

TECHNICAL SUPPORT
FOR ADVICE AND PROBLEM
SOLVING

Tel: 0800 195 0006 www.redarrowelectrical.com

COMMERCIAL

Our core range of commercial lighting includes recessed modular, circular panels, battens and general lighting bulkheads.

NEW

RHOMBUS back lit panel

POLO slimline bulkhead

LED circular panels

INDUSTRIAL

Designed to withstand the rigours of industrial applications, featuring an extensive choice of non-corrosive fittings, high bays and linear luminaires.

NEW

WEATHERGUARD PLUS IP65

NEW

UFO high bays

LINEAR hi-lo bays

110V SITE LIGHTING & EQUIPMENT

A market leading range of site lighting, from non-corrosives through to festoon kits, innovative globe lights and surge protected floodlights.

FESTOON KIT connectable

NEW

WEATHERGUARD SITE IP65

NEW

SLIMLINE floodlights

DOWNLIGHTS

Recessed and surface mounted downlights for general and feature lighting, including a comprehensive choice of Fire Rated LED and GU10 options.

CCT selectable downlights

NEW

DISCUS downlights

FIRE RATED GU10 downlights

For our free bespoke lighting design service, email **lightingschemes@redarrowtrading.com**

Tel: 0800 195 0006 www.redarrowelectrical.com

EMERGENCY LIGHTING

From innovative new downlights with escape route optics to essential twin spots and exit signs, our Emergency Lighting range covers all your safety needs.

NEW
SENTINEL emergency

NEW
5 IN 1 exit sign

TWIN SPOT emergency

FLOODLIGHTS

Our comprehensive range of floodlights covers every requirement for general lighting, with standard, PIR, photocell and rechargeable options.

DRIVELESS floods

RECHARGABLE floods

NEW
DRIVELESS floods with IP65 PIR

LIGHTING ACCESSORIES

We cover all your essential accessories, including replacement standard and dimmable drivers, occupancy sensors, photocells and LED GU10 & T8 lamps.

PHOTOCELL kit

MICROWAVE sensor

NEW
GU10 lamps

ELECTRICAL

To complement our core lighting products, we offer a range of alarms, consumer units, distribution boards, MCBs and RCDs.

HEAT ALARM

METAL CLAD boards

RCDS

05 | HVAC

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Our Story

ATC is established since 1991 and during that time we have evolved into a solution oriented company, developing and distributing Energy Efficient products in response to market needs. We are focused on customer service and support and we strive to ensure a high level of dialogue based cooperation with our customers.

Quality

Quality, safety and design are the key elements of ATC products. It is the core of our business and it ensures our customer's confidence in our products too.

Our products

We are very proud that our products are being used in many different types of low and high profile projects. We started in Ireland but in recent years our products can also be found in the United Kingdom and Europe. We look forward to continuing our expansion into existing and new markets.

Innovation

Since 1991 there have been many advances and changes in product development and technologies. There also have been many changes in the way people carry out and transact their business. We have embraced and taken on many of these new technologies. However, our strength lies in our know-how and company structure, which allows us to respond quickly and flexibly to both specific and generalised customer requests.

ATC Energy Efficient Showrooms

QUALITY APPROVED COMPANY

Tel: 0203 5649164 www.atcelec.co.uk

atc

Hygiene Wash – Dry – Sanitise

ATC Pacific
Unvented Water Heater

ATC Dahlia
Hand Sanitiser Station

ATC Tiger ECO
2.32g CO_2 per Dry

Conventional Hand Dryer
11.81g CO_2 per Dry

Paper Towel Dispenser
12.60g CO_2 per Dry

ATC Eco Tap
Wash Room System

Experience Unique
- Soap Dispenser
- Automation Water Tap
- High Speed Hand Dryer

Restaurants   Pubs   Factories   Hotels   Warehouses   Stadia

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Heating Energy Efficient Heating
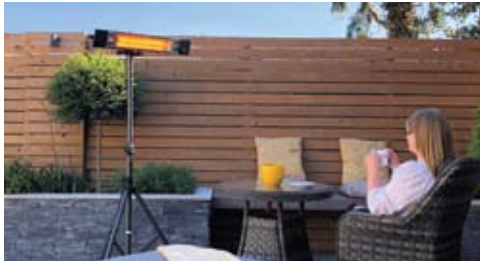
ATC Sun Ray RF
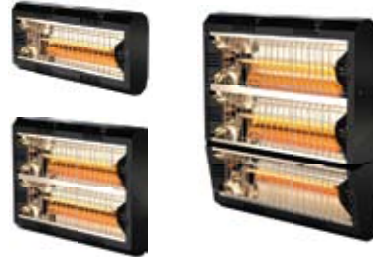Thermal Electric Radiator

amazon alexa

Google HOME

ATC Almeria ECO
Digital Panel Heater

ATC Alfresco Portable Outdoor
Infrared Electric Heater

ATC Riveria Outdoor Quartz
Infrared Electric Heaters

ATC Eco Sun High
Temperature Ceiling Heaters

Send your drawings to technical@atc.ie
for your **FREE Heating Design**

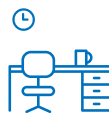

Houses Holiday Homes Apartments Offices Factories Warehouses

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06 | Test Instruments

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White Rose Agencies
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KEWTECH

MFTs - EXPERTS IN 18TH EDITION TESTING –
an instrument to suit you – easy to use, robust and reliable

KT63DL	KT63PLUS	KT64DL	KT65DL
DOMESTIC	DOMESTIC / COMMERCIAL		INDUSTRIAL

PATs INDUSTRY LEADING PAT TESTERS –
the most powerful testers all in a
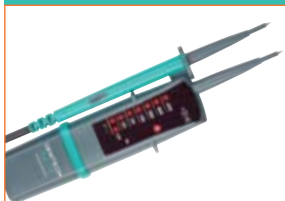hand held format!

EZYPAT – The manual tester for low risk areas

EZYPAT PLUS – The manual tester that can test any appliance

SMARTPAT - The manual and fully automatic tester using the free KEWPAT app - super fast from testing to documentation

VOLTAGE DETECTION – strong reliable instruments to keep you safe

KT1710
Value - voltage & continuity

KT1720
Ultra safe – voltage only & retracting probe shrouds

KT1780
Fully featured – oversize voltage LEDs, continuity, phase rotation, torch

KT1790
Fully featured – oversize voltage LEDs & LCD display, continuity, phase rotation, torch

EXPRESSCAL

Express Cal is an expert repair and calibration service for all brands of electrical test equipment. Owned by Kewtech, Express Cal has significant insight into the technical functions of test equipment.

Express Cal conduct a calibration procedure on all test equipment of any brand using the latest calibration instruments whose accuracy of measurement is traceable to the National Physics Laboratory.

We offer a fast turnaround service! For a straight calibration, call us in the morning and we will collect, calibrate and return your instrument back to you within 72 hours.

Call Express Cal today on 01302 761 044

APPROXIMATELY
72 HOURS TURNAROUND!

Tel: 01494 792 212 www.kewtechcorp.com

07 | EV Charging & Caravan Hook-Ups

www.whiteroseagencies.com

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WRA
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ROLEC

Introduction

Rolec Services design, manufacture and install Europe's largest and most extensive range of EV charging points, varying from AC Fast and DC Rapid chargers, suitable for all locations and budgets. With over 10 years of experience in producing EV charging points for both domestic and commercial use, Rolec enables electric vehicle drivers to enjoy both EV charging excellence and ease with its easy-to-use and simple-to-operate charging units.

With the OLEV Grant Funding in place for both domestic and workplace settings, electric vehicle drivers can benefit from Rolec's vast range of EV charging points. For the home, drivers can simply recharge their vehicles using the WallPod:EV HomeSmart, whilst the workplace can make the most of Rolec's range of both wall-mounted and pedestal EV charging units.

As well as designing, manufacturing and installing EV charging hardware, Rolec also offers a state-of-the-art back office management system, EV Charge.Online, allowing operators to manage charging behaviour of their EV charging points.

Public, commercial, domestic or fleet charging; Rolec's ten years of experience and excellence provides a solution for all requirements.

Rolec are also well-renowned for providing cost-effective and robust solutions for the caravan and holiday park industry. With over 30 years of experience in designing, manufacturing and installing an array of caravan hook-up units and bollards, Rolec's products and workmanship can be seen across a vast range of caravan and holiday park destinations.

ROLEC
EV

OLEV GRANT FUNDED CHARGING POINTS

Office for Low Emission Vehicles

Benefit from huge savings for both domestic and workplace locations when purchasing **SMART** EV charging point

OLEV ELECTRIC VEHICLE HOMECHARGE SCHEME

To support the adoption of electric vehicles, the Office for Low Emission Vehicles (OLEV) are providing £350 grant funding for domestic charging points.

The WALLPOD:EV HOMESMART is available in both 3.6kW and 7.2kW charging speeds as well as socketed and tethered variations. Users have the ability to recharge their vehicles within the tap of finger using their mobile phone/smart device, allowing for easy and convenient charging. Available in 30 different colour combinations, the WALLPOD:EV HOMESMART is perfect for all tastes and preferences.

FEATURES INCLUDE:

Live Charging Activity
- Charging status
- Stop/start charging
- Smart & boost charging
- Charging notifications

Charging History
- Total energy used
- Historical data
- CO_2 savings

Advanced Settings
- Tariff optimisation
- Green charging
- Grid services
- Fleet management

EVHS OLEV

Grant Fundable

OLEV WORKPLACE CHARGING SCHEME

Whether it is a restaurant, hotel, distribution centre or visitor attraction, all workplaces with sufficient off-street parking are entitled to up to £14,000 OLEV grant funding towards their chosen electric vehicle smart chargers.

BENEFITS TO YOUR WORKPLACE WHEN CHOOSING ROLEC EV:

- Connected to EV CHARGE.ONLINE back office as standard
- Optional upgrade to full EV CHARGE. ONLINE back office functionality, which includes:
  - Free driver app
  - Host management platform
  - Electrical load management
  - Fleet management programme
  - OCPP integration
  - Host revenue stream
  - Customisable EV driver tariffs
  - And many more features

WCS OLEV

Grant Fundable

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ROLEC
EV

WALLPOD:EV HOMESMART

The WALLPOD:EV HOMESMART provides the user with a simple, mobile phone interactive EV charging solution for the home. The EV driver can control the charging activity of their WALLPOD:EV HOMESMART unit using their mobile phone, as well as allowing them to monitor/record all of their charging activity, data and history*.

- Smart charging (see smart features)
- Mode 3 (IEC 61851-1) fast charging
- Type 1 (J1772) / Type 2 (IEC62196) socket or tethered lead versions
- Charging speeds of 3.6kW (16A) or 7.2kW (32A)
- Built-in LED charging status indicator
- Built-in Class 1 MID compliant kWh meter
- GPRS connectivity to back office
- Supplied with external AC overload and fault current protection (Type A RCBO) & metal clad consumer unit
- Built- in DC sensitive protective device
- OLEV Grant Fundable under the Electric Vehicle Homecharge Scheme

ORDER CODE	DESCRIPTION
EVHS1080	1 x 3.6kW (16A) Type 1 tethered cable
EVHS1140	1 x 7.2kW (32A) Type 1 tethered cable
EVHS2080	1 x 3.6kW (16A) Type 2 tethered cable
EVHS2140	1 x 7.2kW (32A) Type 2 tethered cable
EVHS2010	1 x 3.6kW (16A) Type 2 socket
EVHS2020	1 x 7.2kW (32A) Type 2 socket

EVHS OLEV
Grant Fundable

Colour Options Available

SMART FEATURES

Live Charging Activity
- Charging status
- Stop / start charging
- Smart & boost charging
- Charging notifications

Charging History
- Total energy used
- Historical data
- CO_2 savings

Advanced Settings
- Tariff optimisation
- Green charging
- Grid services
- Fleet management

WALLPOD:EV

The versatile WALLPOD:EV charging range provides low cost, entry level electric vehicle charging in both Mode 2 and Mode 3 formats for home and workplace environments. Designed to be compatible with all current PHEVs and EVs, the WALLPOD:EV is the UK's favourite charging point – with over 65,000 in operation throughout the country.

- Mode 3 (IEC 61851-1) fast charging*
- Type 1 (J1772) / Type 2 (IEC62196) socket or tethered lead versions
- Charging speeds of 3.6kW (16A) or 7.2kW (32A)
- Built-in AC overload and fault current protection (Type A RCBO) and DC sensitive protective device
- Built-in LED charging status indicator

ORDER CODE	DESCRIPTION
EVWP1080	1 x 3.6kW (16A) Type 1 tethered cable
EVWP1140	1 x 7.2kW (32A) Type 1 tethered cable
EVWP2080	1 x 3.6kW (16A) Type 2 tethered cable
EVWP2140	1 x 7.2kW (32A) Type 2 tethered cable
EVWP2010	1 x 3.6kW (16A) Type 2 socket
EVWP2020	1 x 7.2kW (32A) Type 2 socket
EVWP0020	*EV Ready charger with 1 x up to 2kW (13A) domestic socket upgradable to full Mode 3

SECURICHARGE:EV

This wall mounted heavy duty, hard wearing EV charging unit has been specifically designed and manufactured for exposed commercial and public facing locations.

- Mode 3 (IEC 61851-1) fast charging
- Type 2 (IEC 62196) charging sockets with security hatchlocks
- Charging speeds of 3.6kW (16A), 7.2kW (32A) or 22kW (32A)
- Built-in LED charging status indicator socket halo(s)
- Key switch control as standard
- Built-in AC overload and fault current protection and DC sensitive protection

ORDER CODE	DESCRIPTION
EVSC0010	1 x 3.6kW (16A) Type 2 socket
EVSC0020	1 x 7.2kW (32A) Type 2 socket
EVSC0040	1 x 22kW, 3 phase (32A) Type 2 socket
EVSC0050	2 x 3.6kW (16A) Type 2 sockets
EVSC0060	2 x 7.2kW (32A) Type 2 sockets
EVSC0210	2 x 22kW, 3 phase (32A) Type 2 sockets (XL enlosure)

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ROLEC
EV

BASICCHARGE:EV

BASICCHARGE:EV replicates Rolec's world-leading Classic utility pedestal, which now boasts over 150,000 units sold worldwide. This mass produced, tried and tested pedestal is both, an affordable and adaptable EV charging solution.

- Mode 3 (IEC 61851-1) fast charging
- Type 2 (IEC 62196) charging socket complete with security hatchlock
- Charging speeds of 3.6kW (16A), 7.2kW (32A) or 22kW (32A)
- Built-in LED charging status indicator socket halo(s)
- Photocell controlled LED amenity lighting head
- Built-in AC overload and fault current protection and DC sensitive protection
- Surface or root mountable

ORDER CODE	DESCRIPTION
EVCL2005	1 x 3.6kW (16A) Type 2 socket
EVCL2006	1 x 7.2kW (32A) Type 2 socket
EVCL2008	1 x 22kW, 3 phase (32A) Type 2 socket
EVCL2015	2 x 3.6kW (16A) Type 2 sockets
EVCL2016	2 x 7.2kW (32A) Type 2 sockets
EVCL2018	2 x 22kW, 3 phase (32A) Type 2 sockets
GMCP0010	BasicCharge:EV Ground Mounting Base

QUANTUM:EV

Offering a unique blend of quality and value, having been specifically designed to add a touch of style and flair to the EV charging industry. The pedestal range features modern anodised aluminium construction, as well as unique LED louvered amenity lighting.

- Mode 3 (IEC 61851-1) fast charging
- Type 2 (IEC 62196) charging sockets complete with security hatchlocks
- Charging speeds of 3.6kW (16A), 7.2kW (32A) or 22kW (32A)
- Built-in LED charging status indicator socket halo(s)
- Built-in AC overload and fault current protection and DC sensitive protection
- IK10 impact resistant design
- Surface or root mountable

ORDER CODE	DESCRIPTION
EVQR0110	1 x 3.6kW (16A) Type 2 socket
EVQR0111	1 x 7.2kW (32A) Type 2 socket
EVQR0113	1 x 22kW, 3 phase (32A) Type 2 socket
EVQR0120	2 x 3.6kW (16A) Type 2 sockets
EVQR0121	2 x 7.2kW (32A) Type 2 sockets
EVQR0123	2 x 22kW, 3 phase (32A) Type 2 sockets
GMQR0010	Quantum:EV Ground Mounting Base

AUTOCHARGE:EV

A robust, heavy-duty, hard-wearing EV charging pedestal specifically designed and manufactured for both commercial and public facing locations.

- Mode 3 (IEC 61851-1) fast charging
- Type 2 (IEC 62196) charging sockets complete with security hatchlocks
- Charging speeds of 3.6kW (16A), 7.2kW (32A) or 22kW (32A)
- Built-in LED charging status indicator socket halo(s)
- Built-in AC overload and fault current protection and DC sensitive protection
- Surface or root mountable

ORDER CODE	DESCRIPTION
EVPG3010	1 x 3.6kW (16A) Type 2 socket
EVPG3011	1 x 7.2kW (32A) Type 2 socket
EVPG3013	1 x 22kW, 3 phase (32A) Type 2 socket
EVPG3020	2 x 3.6kW (16A) Type 2 sockets
EVPG3021	2 x 7.2kW (32A) Type 2 sockets
EVPG3023	2 x 22kW, 3 phase (32A) Type 2 sockets
GMPG0010	AutoCharge:EV Ground Mounting Base

EV ACCESSORIES

EV Charge Point Signage

- Highlight your EV charging facility with an aluminium screen printed EV charging station sign

ORDER CODE	DESCRIPTION
EVPS0010	Aluminium EV A4 landscape parking sign
EVPS0020	Aluminium EV A5 landscape parking sign

EV Charge Point Barriers

- Galvanised steel powder coated charging pedestal barriers
- Root or surface mounted

ORDER CODE	DESCRIPTION
EVCB0020	Root mount protection barrier (48mm)
EVCB0040	Surface bolted protection barrier (48mm)

EV Charging Cables

- Plug to plug Mode 3 EV charging cables to suit every EV and PHEV on the market

ORDER CODE	DESCRIPTION
EVPP0160	Type 2 to Type 1 32A (5m)
EVPP0100	Type 2 to Type 2 32A (5m)
EVPP0107	Type 2 to Type 2 32A (10m)
EVPP0105	Type 2 to Type 2 3 phase 32A (5m)

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EVOPEN charge

TOTAL FLEXIBILITY
COMPLETE INTEGRATION

EV OPENCHARGE is a range of OCPP compliant SMART EV charging points designed by Rolec to connect to any OCPP back office management system in the world.

Simply choose your chargepoint from the EV OPENCHARGE range along with your preferred back office* and we will integrate the two.

TYPICAL CHARGEPOINT FEATURES:

- Compatible with all electric vehicles
- EN 61851-1 & BS EN 62196 compliant
- AC Fast & DC Rapid chargers
- OCPP 1.6 compliant (can integrate with any OCPP back office)
- Remote over the air firmware updates
- Mobile phone and/or RFID integration

TYPICAL BACK OFFICE FEATURES:

(Subject to chosen back office)

- Pay-to-charge by mobile phone (operator revenue stream)
- Private/public/fleet management solution
- Chargepoint management dashboard
- Real-time, historical & analytical reporting
- Remote charging tariff updates

OCPP 1.6 Compliant

ROLEC EV OCPP COMPLIANT CHARGING RANGE
From 3.6kW to 150kW Charging

WCS OLEV Grant Fundable

ORDER CODE	DESCRIPTION
OCPP0011	AutoCharge:EV – 1 x 7.2kW (32A) Type 2 socket
OCPP0021	AutoCharge:EV – 2 x 7.2kW (32A) Type 2 sockets
OCPP0013	AutoCharge:EV – 1 x 22kW 3 phase (16A) Type 2 socket
OCPP0023	AutoCharge:EV – 2 x 22kW 3 phase (32A) Type 2 sockets
OCPP0111	SecuriCharge:EV – 1 x 7.2kW (32A) Type 2 socket
OCPP0121	SecuriCharge:EV – 2 x 7.2kW (32A) Type 2 sockets
OCPP0113	SecuriCharge:EV – 1 x 22kW 3 phase (32A) Type 2 socket
OCPP0123	SecuriCharge:EV – 2 x 22kW 3 phase (32A) Type 2 sockets
OCPP0211	BasicCharge:EV – 1 x 7.2kW (32A) Type 2 socket
OCPP0221	BasicCharge:EV – 2 x 7.2kW (32A) Type 2 sockets
OCPP0411	Quantum:EV – 1 x 7.2kW (32A) Type 2 socket
OCPP0421	Quantum:EV – 2 x 7.2kW (32A) Type 2 sockets
OCPP0413	Quantum:EV – 1 x 22kW 3 phase (32A) Type 2 socket
OCPP0423	Quantum:EV – 2 x 22kW 3 phase (32A) Type 2 sockets
OCPP2026	WallPod:EV – 1 x 7.2kW (32A) Type 2 socket

*Unless otherwise stated at time of order, EV OpenCharge units will be automatically programmed to operate via the Rolec EV Charge.Online back office management system. See below for more information about EV Charge.Online.

EVCHARGE online

COMPLETE CONTROL OF
YOUR EV CHARGING POINTS

EV CHARGE.ONLINE is designed as a simple to use, simple to manage back office platform offering a variety of state-of-the-art features for both the EV driver and network operator.

It can be integrated with any of the Rolec EV OPENCHARGE range, enabling pay-to-charge via the EV drivers smartphone and/or authorised-to-charge via RFID fob/card.

- NO Driver Annual Membership Fees
- NO Driver Monthly Subscription Fees
- NO Driver Connection Fees

Tel: 01205 724 754 www.rolecserv.com

ROLEC
Caravan Hook-Ups

CLASSIC HOOK-UP BOLLARD

The world's most popular utility bollard with now well over 150,000 sold globally. This utility bollard is specifically designed for use on touring caravan and camping sites. Each bollard comes complete with an RCBO per socket, providing both overload and 30mA fault current protection, as well as a set of 3 x 35mm incoming cable connection terminals.

• 1way to 4way 16A IP44 interlock sockets
• 1000mm high (plus lighting head)
• Built-in overload & fault current protection
• Photocell controlled LED amenity lighting
• Metered and non-metered versions

ORDER CODE	DESCRIPTION
LSAI0010i	1 x 16A 230V Socket, 1 x 16A 30mA RCBO, 4 x 1W LED Illumination, Non-Metered
LSAI0020i	2 x 16A 230V Sockets, 2 x 16A 30mA RCBOs, 4 x 1W LED Illumination, Non-Metered
LSAI0030i	3 x 16A 230V Sockets, 3 x 16A 30mA RCBOs, 4 x 1W LED Illumination, Non-Metered
LSAI0040i	4 x 16A 230V Sockets, 4 x 16A 30mA RCBOs, 4 x 1W LED Illumination, Non-Metered
LSAI0010i / KWH	1 x 16A 230V Socket, 1 x 16A 30mA RCBO, 4 x 1W LED Illumination, 1 x kWh Mini Meter
LSAI0020i / KWH	2 x 16A 230V Sockets, 2 x 16A 30mA RCBOs, 4 x 1W LED Illumination, 2 x kWh Mini Meters
LSAI0030i / KWH	3 x 16A 230V Sockets, 3 x 16A 30mA RCBOs, 4 x 1W LED Illumination, 3 x kWh Mini Meters
LSAI0040i / KWH	4 x 16A 230V Sockets, 4 x 16A 30mA RCBOs, 4 x 1W LED Illumination, 4 x kWh Mini Meters
GMCP0010	Classic Std Galvanised Steel Ground Mounting Base

QUANTUM HOOK-UP BOLLARD

A robust and attractive utility bollard of anodised aluminium. Offering electrical hook-ups, LED amenity lighting, optional water tap, metering options and various colour and branding options.

• 1way to 4way 16A IP44 interlock sockets
• IPX6 certified bollard shell
• 1000mm high (plus lighting head)
• Built-in overload & fault current protection
• Photocell controlled LED amenity lighting head
• Metered and non-metered versions

ORDER CODE	DESCRIPTION
LSQR0010i	1 x 16A 230V Socket, 1 x 16A 30mA RCBO, 10 x 1W LED Illumination, Non-Metered
LSQR0020i	2 x 16A 230V Sockets, 2 x 16A 30mA RCBOs, 10 x 1W LED Illumination, Non-Metered
LSQR0030i	3 x 16A 230V Sockets, 3 x 16A 30mA RCBOs, 10 x 1W LED Illumination, Non-Metered
LSQR0040i	4 x 16A 230V Sockets, 4 x 16A 30mA RCBOs, 10 x 1W LED Illumination, Non-Metered
LSQR0010i /KWH	1 x 16A 230V Socket, 1 x 16A 30mA RCBO, 10 x 1W LED Illumination, 1 x kWh Mini Meter
LSQR0020i /KWH	2 x 16A 230V Sockets, 2 x 16A 30mA RCBOs, 10 x 1W LED Illumination, 2 x kWh Mini Meters
LSQR0030i /KWH	3 x 16A 230V Sockets, 3 x 16A 30mA RCBOs, 10 x 1W LED Illumination, 3 x kWh Mini Meters
LSQR0040i /KWH	4 x 16A 230V Sockets, 4 x 16A 30mA RCBOs, 10 x 1W LED Illumination, 4 x kWh Mini Meters
GMQR0010	Quantum Galvanised Steel Ground Mounting Base

STATIC HOOK-UP UNIT

A hard-wearing, cost effective hook-up unit, complete with an RCBO providing both overload and 30mA fault current protection, accessible via a waterproof customer re-set flap, as well as a set of 3 x 35mm incoming cable connection terminals.

• 16A or 32A IP44 interlock socket
• Weatherproof enclosure
• Metered and unmetered versions available
• Includes all internal wiring and built-in cable terminals

ORDER CODE	DESCRIPTION
LSAA0010i	1 x 16A 230V Socket, 1 x 16A 30mA RCBO, Non-Metered
LSAB0010i	1 x 16A 230V Socket, 1 x 16A 30mA RCBO, 1 x kWh Mini Meter
LSAA0030i	1 x 32A 230V Socket, 1 x 32A 30mA RCBO, Non-Metered
LSAB0030i	1 x 32A 230V Socket, 1 x 32A 30mA RCBO, 1 x kWh Mini Meter

Galvanised mounting post available

TOURING HOOK-UP UNIT

Designed for use on touring, caravan and camp sites. The TRE range of hook-up units can be optionally equipped with MID approved kWh meters which can be visually read through meter viewing windows/ flaps located on the front of the units.

• 2way or 4way 16A IP44 interlock sockets
• Weatherproof enclosure
• Metered and unmetered versions available
• Includes all internal wiring and built-in cable terminals

ORDER CODE	DESCRIPTION
LSAH0040i	2 x 16A 230V Sockets, 2 x 16A 30mA RCBOs, Non-Metered
LSAH0060i	4 x 16A 230V Sockets, 4 x 16A 30mA RCBOs, Non-Metered
LSAC0010i	2 x 16A 230V Sockets, 2 x 16A 30mA RCBOs, 2 x kWh Mini Meters
LSAH00100i	4 x 16A 230V Sockets, 4 x 16A 30mA RCBOs, 4 x kWh Mini Meters

Galvanised mounting post available

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UNIVERSAL SKILLS GROUP

CITY AND GUILDS EV TRAINING COURSE
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ROLEC
EV

08 | Circuit Protection & Switchgear

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PROTEK

WE CALL IT 'THE ART OF CIRCUIT PROTECTION'

PROTEK Electronics Limited began life as an importer of RCDs in 1994 and quickly developed their own unique range of consumer units which had a smoked grey cover and was sold under the SUPRA range through most wholesalers and was a hit with the contractors due to it's innovative design and low cost. A range of fusegear appeared next designed in the UK but utilising products built in China making the range very attractive price wise and was copied by other companies in the UK and around the world. A range of 10kA MCBs and RCBOs were designed in Cannock for use in PROTEK's new three phase boards and sold under license to a host of companies both in the UK and around the world. PROTEK has never stood still and today with our partnering arrangements with the likes of ABB, Terasaki and DEHN we are able to deliver cutting edge technolgy at affordable prices.

ENCLOSURES & CONSUMER UNITS

Protek has one of the largest selections of enclosures and consumer units in the UK and now with the new 18th Edition of the wiring regulations we can offer solutions with surge, meters, AFDDs, A, AC, B and F type RCDs and any variation of these all of which are fully compliant. Bespoke consumer units has been something that Protek has always prided itself on being able to offer the market place and now, with the new regulations, we look forward to assisting you again.

DEVICES

Protek's range of stand-alone devices has been increased to accomodate the new wiring regulations which came into effect in 2019.
 We plan to continue this trend into 2020 by offering new ranges of Type 'A' RCDs and Type 'A' RCBOs along side our already comprehensive range of devices. Type 'B' and Type 'F' RCDs along with AFDDs will also be available on request in quarter 3 2020.

SWITCH GEAR

Protek offers a comprehensive range of fuse gear for the UK and European markets. Isolators, fuse switches and changeover switches are available up to 800A in TP&N and four pole versions. We offer IP65 metal as standard but can offer IP65 plastic enclosures upon request. Our busbar range goes up to 800A but we are able to offer higher amperages on request.

THREE PHASE 'B' TYPE BOARDS

Protek's Three Phase Boards are one of the most versatile in the market place offering a greater range of incomers as standard including isolators, MCBs, MCCBs, CBRs, and adjustable RCBOs. It is also possible to fit upto two 100A out going MCBs, up to four poles, into the board along with contactors, timers, meter kits and surge arresters. All Protek MCB boards come surge and meter ready just add the relevant kit.

| Protek Electronics -   Tel: 01543 46 75 75   Fax: 01543 46 23 70   Orders: orders@protekuk.co.uk   Web: www.protekuk.co.uk

Tel: 01543 46 75 75 www.protekuk.co.uk

![PROTEK — WE CALL IT 'THE ART OF CIRCUIT PROTECTION']

MCCB PANEL BOARDS & SWITCHBOARDS

PROTEK is the only UK company to offer a MINI-Panel board with 3,5 or 7 outgoing ways. Our standard panel boards come with 400A busbars as standard and are meter and surge ready. We are also able to offer 630A or 800A panel boards and for higher current ratings Switchboards upon request. If you have bespoke requirements then please do not hesitate to contact a member of our sale team.

SURGE PROTECTION

With the arrival of the new 18th Edition of the wiring regulations in 2019 surge protection is now to be fitted in both single phase and three phase boards unless a risk assessment has been carried out to show it is not required or the boards are feeding critical equipment in places such as hospitals where life dependency is at risk of a failure of supply. PROTEK offer a range of surge protection devices to either fit into existing boards or as a retrofit kit in its own enclosure.

ENCLOSED DEVICES

PROTEK offers adjustable four pole RCBOs or CBRs in IP41 metal enclosures and when required for TT systems IP65 plastic enclosures can be supplied. Automatic changeover switches from 40A to 160A in single phase and 40A to 400A in four poles. To round of the range Protek can also supply enclosed MCCBs in both TP&N or four pole.

RYEFIELD PRODUCTS

PROTEK can now offer the complete range of Ryefield fuse boards in both vertical and horizontal profiles complete with 63A, 80A or 100A fuses including the NEW Surge ready boards available Q3 2020.
We are also pleased to be able to offer the complete range of Ryefield enclosed surge protection solutions specificly designed for use with Ryefield boards.

Delivering Tomorrow Today

Tel: 01543 46 75 75 www.protekuk.co.uk

Notes

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'making the right connections'