



SWITCHGEAR SOLUTIONS

POWERING THE FUTURE WITH CONFIDENCE

RELIABLE • SCALABLE • SMART



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QUALITY BRANDS

See below all the brands throughout the catalogue



CLEAN AIR FILTERS SAVE ENERGY

INCREASE AIR CIRCULATION | IMPROVE AIR QUALITY | SAVE ENERGY

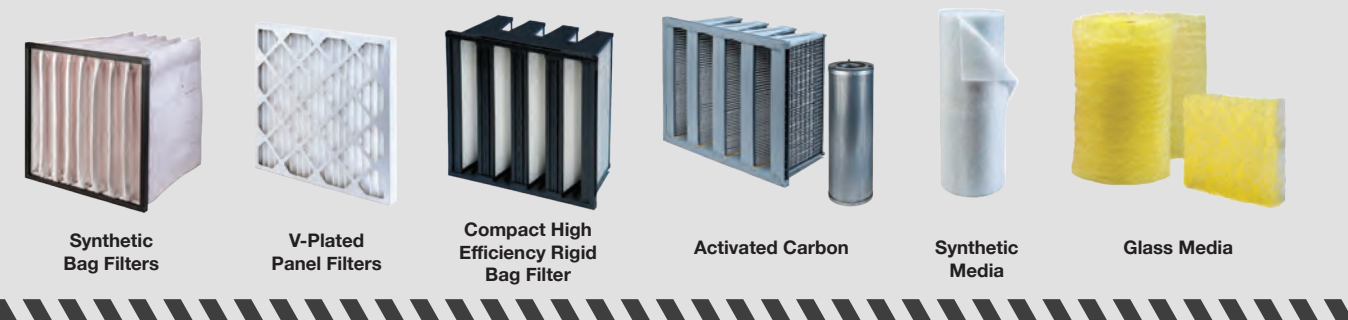
DO YOU WANT TO REDUCE YOUR CARBON FOOTPRINT?

Clean air filters increase airflow, reduce temperature and save energy to reduce fan motor usage.

OUR FREE ENERGY SAVING SURVEY INCLUDES:

- HVAC Air filtration – Application specific, expert advice and guidance.
- Energy & Co₂ Reduction – The correct filters, fitted correctly and equipment cleaned and maintained is critical to ensure they are running efficiently.
- Duct cleaning (TR19 Regulations) – Best practice guidelines created by BESA to standardise extract and duct cleaning.
- Fire Damper testing (BS999) – Tested properly once installed and then at least once a year there after.
- Coil Cleaning – 10% dust loading on a coil reduces the efficiency by 90%.
- Plant Maintenance – Maintain your equipment to perform as efficiently as possible.

SELECTION OF HVAC FILTERS



FOR A FREE NO OBLIGATION SITE SURVEY, PLEASE CONTACT YOUR LOCAL YESSS ELECTRICAL BRANCH



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ACB MAINTENANCE

PROVIDING VITAL ELECTRICAL SAFETY & SUPPLY CONTINUITY SERVICES FOR YOUR LOW VOLTAGE AIR CIRCUIT BREAKERS

UNPLANNED DOWNTIME - THE INVISIBLE PROFIT KILLER?

Air Circuit Breakers (ACBs) provide critical routing and switching for your electrical low voltage distribution network which supports the vital flow of power to your business' plant, systems and equipment —but what happens when that power isn't available when you need it?

An ACB failure can result in long and expensive unplanned outages. Businesses can lose many tens of thousands of pounds just on the first hour of unplanned downtime plus issues of letting customers down and safety implications of failures. That can put a serious dent - or completely reverse - any profit your company has worked hard to achieve. Companies are obviously keen to reduce both the quantity and length of unplanned outages and many do this by investing in an ACB maintenance plan.

HOW DOES AN ACB MAINTENANCE PLAN WORK?

H&S legislation states that owners / operators of switchgear should know what equipment they have and maintain it to an appropriate level to ensure the safety of people, plant and equipment. An ACB maintenance plan uses asset information, service history and knowledge of available obsolescence support options to build an appropriate maintenance, parts support and replacement schedule. A plan reduces unplanned outages, increases safety and helps you budget for known, planned works.

WHAT CAN YESSS DO TO HELP YOU?

- Carry out an audit of your air circuit breakers to form a detailed asset listing
- From the asset listing give obsolescence rating information for each ACB with support options
- Design and agree a tailored maintenance plan to reduce likelihood of unplanned downtime and reduce potential safety issues using competent and experienced ACB Service Technicians
- Help you achieve your H&S legislative compliance for your ACB maintenance requirements
- Extend the lifespan of older equipment through upgrades and spare parts support
- Carry out planned replacements and retrofits to strengthen your network & minimize downtime
- Offer an emergency callout service



RETROFIT SPARES

UPGRADE AND MAINTAIN YOUR EQUIPMENT WITH HIGH-QUALITY SPARE PARTS FOR ENHANCED PERFORMANCE AND RELIABILITY

Planned Preventative Maintenance is at the heart of extending the useful working life of your LV ACB's



We can offer a range of specialist retrofitable trip unit upgrades for Masterpact M



We have a large variety of second hand Masterpact M ACB's in stock along with a selection of accessories.

Get in touch for more information



SWITCHGEAR LIFECYCLE SUPPORT

- Supply, installation & commissioning
- Maintenance
- Emergency / Critical response
- Upgrades, extensions & modifications
- Operating and switching by SAPs
- Retrofits
- Obsolescence issues
- Decommissioning, removal & replacement

SPARES & AUXILIARY EQUIPMENT

- Circuit breakers
- Spare parts and components
- Tripping Units
- Protection relays and metering
- Test kits
- Operating equipment

GENERATOR SOLUTIONS

in association with



YESSS Industrial are working with Lance Power to offer comprehensive power solutions, delivering tailored services to meet diverse energy needs with a focus on quality and reliability.

PRODUCTS

OPEN SETS GENERATORS

We can supply between 9-2500 on perkins and cummins.

SOUNDPROOF GENERATORS

We can supply between 9-2500 on perkins and cummins.

SWITCHGEAR PANELS / ATS

YESSS Industrial provides a range of electrical panel solutions, including but not limited to:

- Automatic start diesel generator control panels
- Automatic transfer switch panels
- Bypass switch panels
- Synchronised multi-set system panels

GAS GENERATORS

Our partners gas generators offer reliable, efficient power for hospitals, data centers, and gas stations. Using clean-burning natural gas or propane, they provide:

Durable construction: Built to last with top-quality components.

Sustainability: Lower emissions and operating costs.

Oderless Operation: No unpleasant smells.

Direct Connection: Connects to natural gas pipelines for consistent power.



OUR SERVICES

SUPPLY

High-quality soundproof and open set generators, along with ATS panels for seamless power transitions.

INSTALLATION

Professional installation by trained engineers to ensure reliable operation.

DESIGN

Custom CAD drawings and plans to meet client specifications and regulatory requirements.

SITE SUPPORT

Comprehensive assistance including initial site surveys and technical assessments.

ATS PANELS

Automatic Transfer Switch panels for uninterrupted power supply during outages.

TURNKEY SOLUTIONS

End-to-end service covering equipment supply, installation, testing, commissioning, and customer support.

YESSS Industrial guarantees efficient and dependable power solutions with a focus on quality and customer satisfaction.



BESPOKE LV SWITCHGEAR SOLUTIONS DESIGNED AND MANUFACTURED IN THE UK

FREE TECH SUPPORT AND SITE SURVEYS AVAILABLE ON REQUEST
CONTACT YOUR LOCAL YESSS BRANCH

YESSS INDUSTRIAL

in partnership with:

LVPOWER SOLUTIONS

Switchgear Solutions

- 250A to 6300A
- Varying forms of separation
- All BS EN 61439-1 compliant

Metering Distribution

- Various distribution options
- Cabled and ready to install
- Populated with devices

Panelboards

- 250A to 1600A
- Floor standing or wall mounted
- We can offer specification compliant panels where switchboards may not be suitable

Building Management System

- Hardware and software fully installed
- 24/7 remote monitoring for landlords and building owners
- Automatic bill generation for individual tenants

Consultative Approach

We have 50+ years experience in the Electrical Engineering industry and always offer a full consultative approach. We are here to provide guidance, value added solutions and technical submissions.

Value Engineering

Our project team are always looking for added value options, so when required a specification will be evaluated and analysed thoroughly to offer clients the best solution.

Bespoke Design

No design is too big or small for LV Power Solutions and we pride ourselves on our complete system design and application service. A member of the Project team will always be available to help and advise on any project.



Delivery & Installation

We don't believe in "curb side deliveries", that's why each one of our panels can be transported, delivered, offloaded and installed by our engineers at a time convenient for our clients.

Quality Build

Our documented quality procedure ensures rigorous control of design, including; in-process inspection, component and assembly traceability, final inspection, testing and product certification.

Maintenance

We have a robust quality control procedure to guarantee the conformity of each LV board to ensure everything is manufactured to the latest International Standards. We also offer annual maintenance on all of our switchboards.



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• **100 BRANCHES NATIONWIDE**



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Thermography-based Condition Monitoring

Consistently and remotely monitor and analysis the temperature status of panel devices to achieve both labor-saving and significant risk mitigation of abnormal stop.

Features

- Visualise the thermal status in a panel using the infrared thermal sensor (Special thermal image sensor) with a wide viewing angle in a compact body, specifically designed for mounting in a panel
- Detect abnormal symptoms by the algorithm analysing the temperature status in a panel
- Setting tool to provide the constant remote monitoring system

Applications

- High-voltage motor control panels
- High-voltage switchgear
- Power distribution equipment
- Power generation equipment
- Hydraulic equipment
- Bearings and gearboxes
- R and D test cells
- Data centers
- Early fire detection



PART NO.
K6PM-TH

FEATURES OF K6PM



Identifying an abnormal device by segmenting the thermal image.

Threshold can be set to each segment of a 16-split thermal image.

The resolution of a thermal image is shown as 32 × 32 cells.

Three-step indication for the temperature status

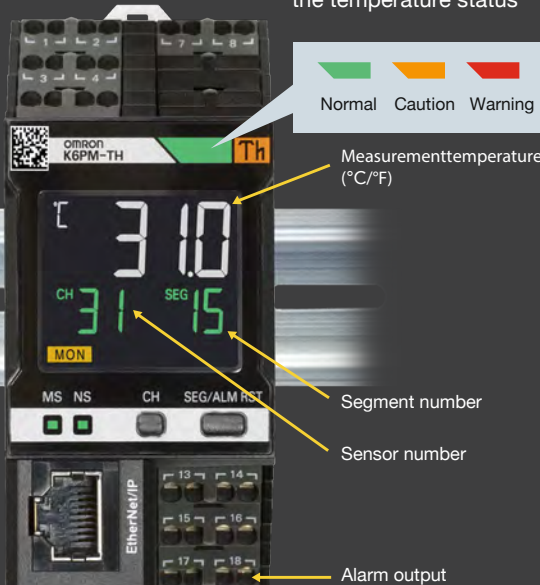
Green	Orange	Red
Normal	Caution	Warning

Measurement temperature (°C/°F)

Segment number

Sensor number

Alarm output



SERIOUSLY SIMPLE HIRE? YESSS!

YESSS Industrial can get you whatever you need, wherever you need it in the UK.



For more information please call
01924 965975 or email hire@yesss.co.uk



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A GUIDE TO EV SWITCHGEAR



in association with



SERVICE & SUPPORT

Consultative Approach

We have 50+ years experience in the Electrical Engineering industry and always offer a full consultative approach. We are here to provide guidance, value added solutions and technical submissions.

Quality Build

Our documented quality procedure ensures rigorous control of design, including; in-process inspection, component and assembly traceability, final inspection, testing and product certification.

BESPOKE SWITCHGEAR SOLUTIONS

Electric vehicle technology, vehicles and infrastructure have developed rapidly in recent years and the transition to EV is a crucial step towards achieving zero emissions by 2030. With this in mind, there has been an increase in consumer demand along with greater availability of electric vehicles, with an estimated 1 million fully electric cars on the UK roads and 60,000 EV charging points across 32,000 locations.

EVC Power Solutions understand the substantial requirement to satisfy growing demand and the need for a robust public charging infrastructure to achieve the Governments 2023 Net Zero target, which is why we offer a wide range of products to suit your needs. Whether you have restricted space or require advanced monitoring, all boards can be fully customised and assembled in our UK based manufacturing facility; ensuring the EV charging network is efficient, effective and tailored to meet the demands of drivers across the country.

Bespoke Design

No design is too big or too small and we pride ourselves on our complete system design service. A member of the team will always be available to help and advise on any project.

Value Engineering

Our project team are always looking for added value options, so when required a specification will be evaluated and analysed thoroughly to offer clients the best solution.

TYPES OF EV CHARGE POINTS



Workplaces



Leisure centres



Shopping centres



Public car parks



Petrol stations



Hotels



Manufacturing Facilities

SMART, COST EFFECTIVE EXPANSION IS THE KEY

The UK's EV charging infrastructure requires a stable and sufficient power supply, therefore, cost effective expansion is pivotal. Intelligent "smart charging" systems can optimise electricity consumption and alleviate peak loads. However, "smart charges" are connected to "the cloud", making them susceptible to damage, vandalism and more prevalent cyberattacks.

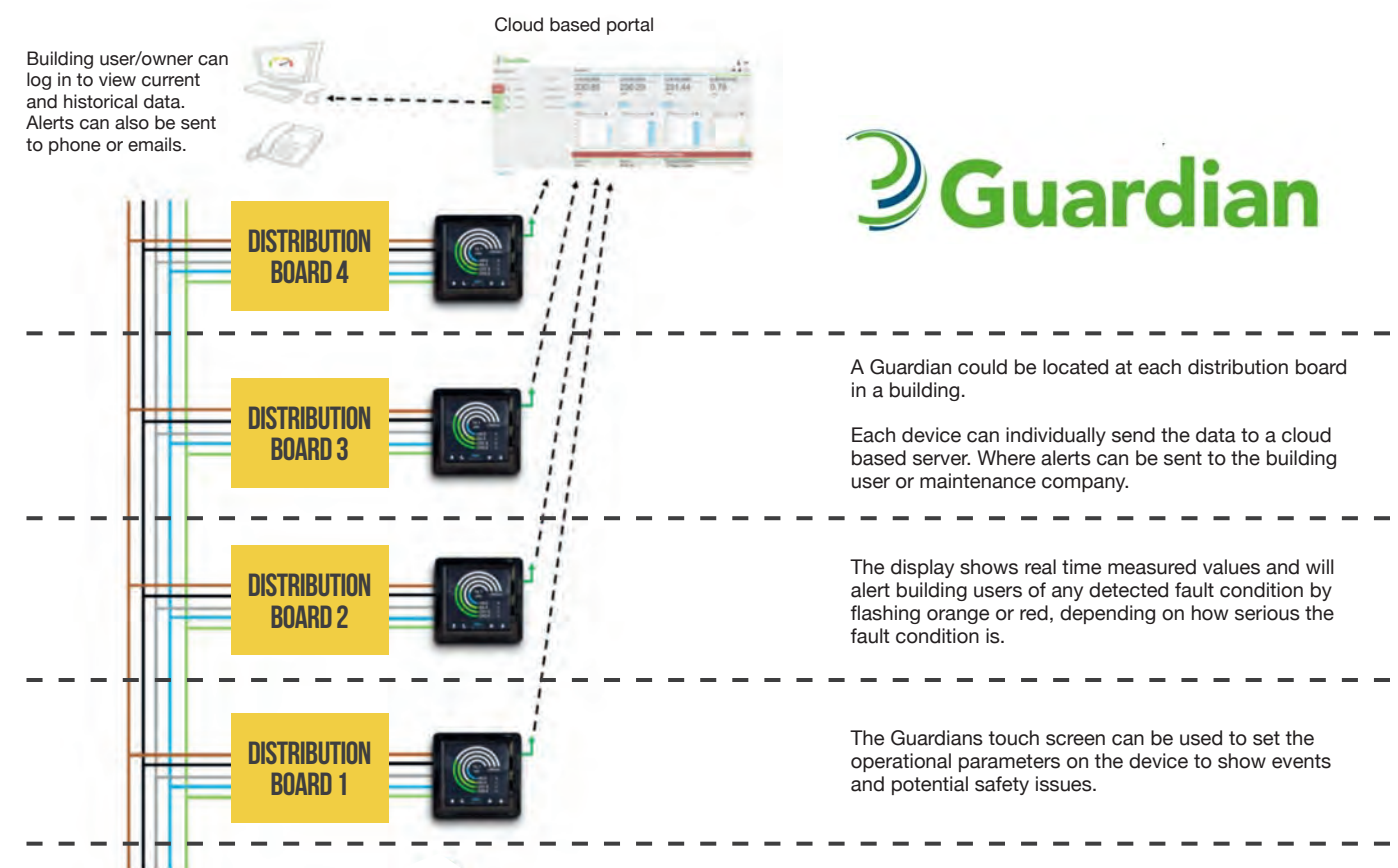
To remedy this, EVC Power Solutions have partnered with Matt:e, who have developed a unique solution which manages power, security and safety to an unprecedented level.

The "Guardian" technology, once simply installed next to the distribution boards, will continually monitor the electrical infrastructure of a building, helping to detect fault and safely isolate or warn the building owner of any potential faults:

- Loss of Neutral
- Broken PEN conductor, TN-C-S supply
- Voltage on protective earth / ground conductors
- High and low line voltages
- High and low frequency

This hub also allows the building owners and maintenance companies to remotely view devices.

HOW THE GUARDIAN WORKS





Incoming 100A 4p Isolator

PART NO.	OUTGOING WAYS 3P	DESCRIPTION
LV-PEV-1-04-UP	4 off 3P Maximum 63A	4Way - 100A 3PN Unpopulated - EVC O-PEN Protected Distribution Board
LV-PEV-1-06-UP	6 off 3P Maximum 63A	6 Way - 100A 3PN Unpopulated - EVC O-PEN Protected Distribution Board
LV-PEV-1-08-UP	8 off 3P Maximum 63A	8 Way - 100A 3PN Unpopulated - EVC O-PEN Protected Distribution Board
LV-PEV-1-12-UP	12 off 3P Maximum 63A	12 Way - 100A 3PN Unpopulated - EVC O-PEN Protected Distribution Board
LV-PEV-1-16-UP	16 off 3P Maximum 63A	16 Way - 100A 3PN Unpopulated - EVC O-PEN Protected Distribution Board
LV-PEV-1-18-UP	18 off 3P Maximum 63A	18 Way - 100A 3PN Unpopulated -EVC O-PEN Protected Distribution Board
LV-PEV-1-24-UP	24 off 3P Maximum 63A	24 Way - 100A 3PN Unpopulated - EVC O-PEN Protected Distribution Board

PART NO.	OUTGOING WAYS 3P	DESCRIPTION
LV-PEV-1-04-MP	4 off 40A 3P Type B MCBs Included	4Way - 100A 3PN MCB-Populated - EVC O-PEN Protected Distribution Board
LV-PEV-1-06-MP	6 off 40A 3P Type B MCBs Included	6Way - 100A 3PN MCB-Populated - EVC O-PEN Protected Distribution Board
LV-PEV-1-08-MP	8 off 40A 3P Type B MCBs Included	8Way - 100A 3PN MCB-Populated - EVC O-PEN Protected Distribution Board
LV-PEV-1-12-MP	12 off 40A 3P Type B MCBs Included	12Way - 100A 3PN MCB-Populated - EVC O-PEN Protected Distribution Board
LV-PEV-1-16-MP	16 off 40A 3P Type B MCBs Included	16Way - 100A 3PN MCB-Populated - EVC O-PEN Protected Distribution Board
LV-PEV-1-18-MP	18 off 40A 3P Type B MCBs Included	18Way - 100A 3PN MCB-Populated - EVC O-PEN Protected Distribution Board
LV-PEV-1-24-MP	24 off 40A 3P Type B MCBs Included	24Way - 100A 3PN MCB-Populated - EVC O-PEN Protected Distribution Board

PART NO.	OUTGOING WAYS 3P	DESCRIPTION
LV-PEV-1-04-FP	4 off 40A 3P Type B MCBs + 4 off 40A 4P 30mA Type-Si RCD Included	4Way - 100A 3PN FULL-Populated - EVC O-PEN Protected Distribution Board
LV-PEV-1-06-FP	6 off 40A 3P Type B MCBs + 6 off 40A 4P 30mA Type-Si RCD Included	6Way - 100A 3PN FULL-Populated - EVC O-PEN Protected Distribution Board
LV-PEV-1-08-FP	8 off 40A 3P Type B MCBs + 8 off 40A 4P 30mA Type-Si RCD Included	8Way - 100A 3PN FULL-Populated - EVC O-PEN Protected Distribution Board
LV-PEV-1-12-FP	12 off 40A 3P Type B MCBs + 12 off 40A 4P 30mA Type-Si RCD Included	2Way - 100A 3PN FULL-Populated - EVC O-PEN Protected Distribution Board
LV-PEV-1-16-FP	16 off 40A 3P Type B MCBs + 16 off 40A 4P 30mA Type-Si RCD Included	16Way - 100A 3PN FULL-Populated - EVC O-PEN Protected Distribution Board
LV-PEV-1-18-FP	18 off 40A 3P Type B MCBs + 18 off 40A 4P 30mA Type-Si RCD Included	18Way - 100A 3PN FULL-Populated - EVC O-PEN Protected Distribution Board
LV-PEV-1-24-FP	24 off 40A 3P Type B MCBs + 24 off 40A 4P 30mA Type-Si RCD Included	24Way - 100A 3PN FULL-Populated - EVC O-PEN Protected Distribution Board



Incoming 200A 4p Isolator

PART NO.	OUTGOING WAYS 3P	DESCRIPTION
LV-PEV-2-04-UP	4 off 3P Maximum 63A	4Way - 100A 3PN Unpopulated - EVC O-PEN Protected Distribution Board
LV-PEV-2-06-UP	6 off 3P Maximum 63A	6 Way - 100A 3PN Unpopulated - EVC O-PEN Protected Distribution Board
LV-PEV-2-08-UP	8 off 3P Maximum 63A	8 Way - 100A 3PN Unpopulated - EVC O-PEN Protected Distribution Board
LV-PEV-2-12-UP	12 off 3P Maximum 63A	12 Way - 100A 3PN Unpopulated - EVC O-PEN Protected Distribution Board
LV-PEV-2-16-UP	16 off 3P Maximum 63A	16 Way - 100A 3PN Unpopulated - EVC O-PEN Protected Distribution Board
LV-PEV-2-18-UP	18 off 3P Maximum 63A	18 Way - 100A 3PN Unpopulated -EVC O-PEN Protected Distribution Board
LV-PEV-2-24-UP	24 off 3P Maximum 63A	24 Way - 100A 3PN Unpopulated - EVC O-PEN Protected Distribution Board

Part No.	Outgoing Ways 3P	Description
LV-PEV-2-04-MP	4 off 40A 3P Type B MCBs Included	4Way - 100A 3PN MCB-Populated - EVC O-PEN Protected Distribution Board
LV-PEV-2-06-MP	6 off 40A 3P Type B MCBs Included	6Way - 100A 3PN MCB-Populated - EVC O-PEN Protected Distribution Board
LV-PEV-2-08-MP	8 off 40A 3P Type B MCBs Included	8Way - 100A 3PN MCB-Populated - EVC O-PEN Protected Distribution Board
LV-PEV-2-12-MP	12 off 40A 3P Type B MCBs Included	12Way - 100A 3PN MCB-Populated - EVC O-PEN Protected Distribution Board
LV-PEV-2-16-MP	16 off 40A 3P Type B MCBs Included	16Way - 100A 3PN MCB-Populated - EVC O-PEN Protected Distribution Board
LV-PEV-2-18-MP	18 off 40A 3P Type B MCBs Included	18Way - 100A 3PN MCB-Populated - EVC O-PEN Protected Distribution Board
LV-PEV-2-24-MP	24 off 40A 3P Type B MCBs Included	24Way - 100A 3PN MCB-Populated - EVC O-PEN Protected Distribution Board

Part No.	Outgoing Ways 3P	Description
LV-PEV-2-04-FP	4 off 40A 3P Type B MCBs + 4 off 40A 4P 30mA Type-Si RCD Included	4Way - 200A 3PN FULL-Populated - EVC O-PEN Protected Distribution Board
LV-PEV-2-06-FP	6 off 40A 3P Type B MCBs + 6 off 40A 4P 30mA Type-Si RCD Included	6Way - 200A 3PN FULL-Populated - EVC O-PEN Protected Distribution Board
LV-PEV-2-08-FP	8 off 40A 3P Type B MCBs + 8 off 40A 4P 30mA Type-Si RCD Included	8Way - 200A 3PN FULL-Populated - EVC O-PEN Protected Distribution Board
LV-PEV-2-12-FP	12 off 40A 3P Type B MCBs + 12 off 40A 4P 30mA Type-Si RCD Included	2Way - 100A 3PN FULL-Populated - EVC O-PEN Protected Distribution Board
LV-PEV-2-16-FP	16 off 40A 3P Type B MCBs + 16 off 40A 4P 30mA Type-Si RCD Included	16Way - 200A 3PN FULL-Populated - EVC O-PEN Protected Distribution Board
LV-PEV-2-18-FP	18 off 40A 3P Type B MCBs + 18 off 40A 4P 30mA Type-Si RCD Included	18Way - 200A 3PN FULL-Populated - EVC O-PEN Protected Distribution Board
LV-PEV-2-24-FP	24 off 40A 3P Type B MCBs + 24 off 40A 4P 30mA Type-Si RCD Included	24Way - 200A 3PN FULL-Populated - EVC O-PEN Protected Distribution Board

WHY CHOOSE YESSS INDUSTRIAL FOR YOUR CONTROL PANELS?

Professional Tendering Service -

We aim for a 24hr quotation turnaround

Dedicated Project Engineer -

From initial design to client handover

Extensive BMS & Panel Knowledge, Experience & Technical Support

Professional CAD Design Service -

Ensure quick turnaround on drawings

Full Health Check -

On panel completion prior to despatch

Quality Build -

To the latest ISO 9001 (2015) compliance

Site Work -

For panel modifications / retrofit

Professional Motivated Production Team -

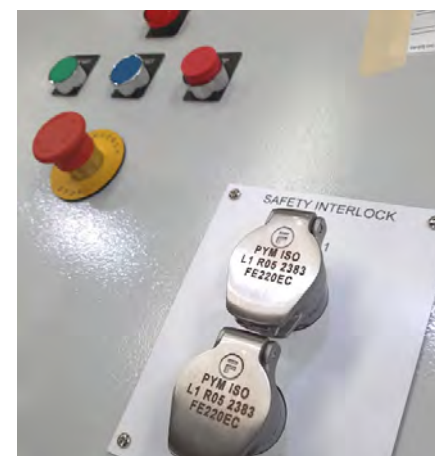
Dedicated to hitting deadlines



CONTROL & BMS PANELS

CONTROL PANELS / BMS PANELS / VSD PANELS / LIGHTING KNX PANELS / AUTOMATIC CHANGEOVER PANELS & ASSOCIATED CONTROL & BMS COMPONENTS & PERIPHERALS

Ranging from small operator workstations to large multi-bay suites, our control panels are built to a wide range of protection categories with full certification and documentation.



It's the attention to detail and commitment to excellence that truly makes our control panel offering really stand out as something very special. Within the control panel and BMS sectors, we have gained a reputation for being one of the best in control panel build and our expert engineers have decades of panel design and build experience. This same team of engineers are dedicated from tender through to completion and sign off.

WHO'S CONTROLLING YOUR PANELS?

POWER SOLUTIONS

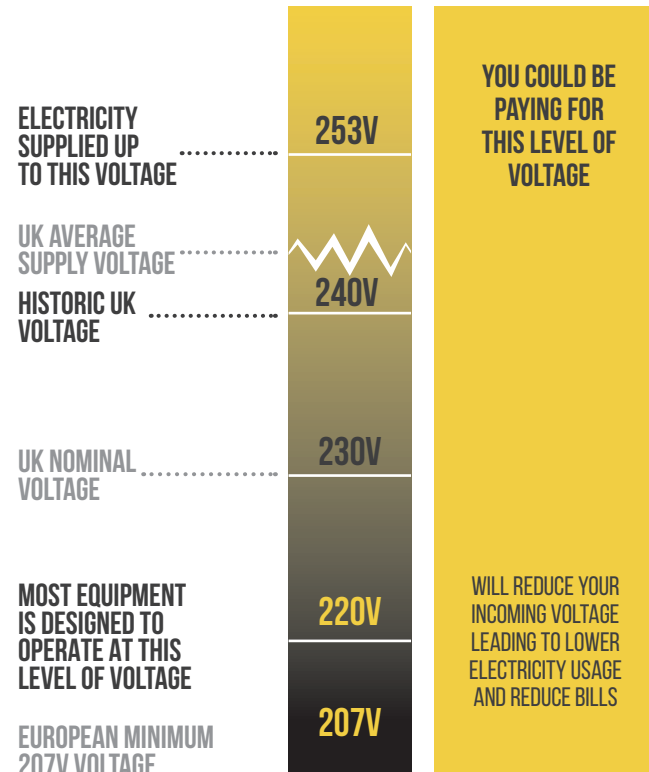
VOLTAGE OPTIMISATION

VOLTAGE OPTIMISATION

Voltage Optimisation is a term used around voltage management when a desire to reduce energy consumption is managed by adjusting and controlling voltage levels on a user's site. Voltage Optimisation is a transformer-based technology that comes in many forms. Fixed ratio, multi tap, stabilising or regulating. It works by controlling the incoming grid voltage to return an energy saving visible on electricity bills.

There are a number of benefits:

- Great range of adjustment to target higher levels of savings
- Specifically designed for reducing energy consumption
- Visible cash savings on your energy bill and all future bills
- Increased life span of electrical equipment
- Reduction in CO₂ Emissions
- Immediate cost savings
- Huge environmental benefits



HOW IT WORKS

Voltage Optimisation works as a control valve reducing the incoming voltage to the operating requirement of 220 volts, drastically improving power quality.

The average voltage in the UK is 242 volts with many sites exceeding this. By reducing the incoming voltage down to 220-225V onsite machinery and appliances consume less energy and are will last longer as a result Typical Paybacks for Voltage Optimisation are between 6 months and 3 years.

VO CASE STUDY OF MEDICAL EQUIPMENT MANUFACTURER

Annual Savings Achieved

- £20,573.74
- 7.95% annual saving
- 88.11 Tons CO₂
- Reduction in overall demand

Benefits

Immediate cost saving
reduction in CO₂

Payback - R.O.I.

2.2 Years

POWER SOLUTIONS

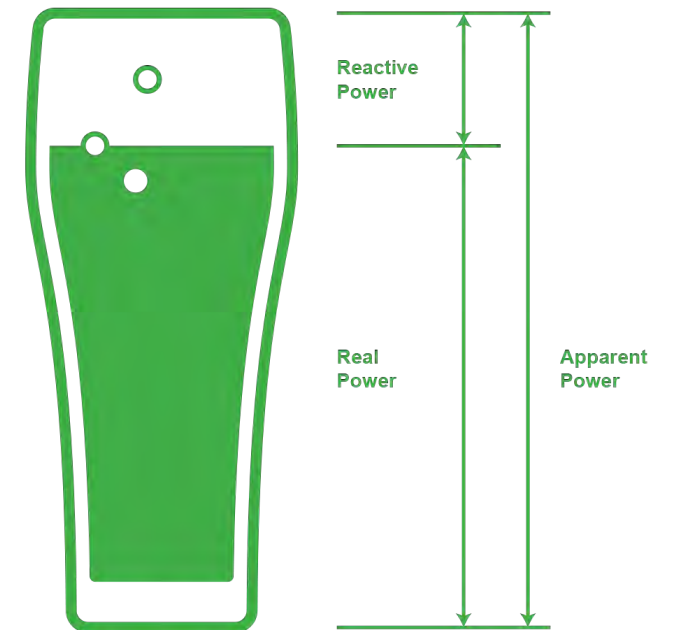
POWER FACTOR CORRECTION

POWER FACTOR CORRECTION

Power Factor Correction is accepted universally as one of the first steps recommended to reduce energy costs and improve energy efficiency. It works by “correcting” an inefficient electrical load of supply. Capacitors are automatically switched in to circuit to counteract the effects of an inductive load which is produced by all machinery that uses motors.

There are a number of benefits:

- Removal of “Reactive Power” charges (penalty for operating an inefficient electrical supply)
- Reduction in kVa “Availability” and “Capacity” charges
- Reduction in kW/h losses
- Reductions in CO₂ emissions
- Reduction in circuit currents
- Improved electrical efficiency
- Improved Utility



PFC CASE STUDY OF VINYL FLOOR MANUFACTURER

Annual Savings Achieved

- £42,929
- 169685 kW/h Site
- 253.27 Tons CO₂
- 471600 kW/h inc. transmission

System Savings

- 1496 Amps per phase
- 1076 kVa Demand

Payback - R.O.I.

11 Months

HOW IT WORKS

Power Factor Correction is a capacitor based device normally installed on the electrical distribution system, its purpose is to improve efficiency known as power factor when operating machines or motors.

Power Factor Correction works by automatically switching capacitors in or out of circuit on a varying electrical load to counteract the negative inefficient effects of motors and machines. Typical return on investments vary from 1-4 years depending on site requirements

EnergyAce also have a site services team, and carry out maintenance and repairs to existing Power Factor Correction equipment nationally.

FOR A FREE NO OBLIGATION DESKTOP SAVINGS PROPOSAL, PLEASE CONTACT YOUR LOCAL YESSS ELECTRICAL BRANCH

FOR A FREE NO OBLIGATION DESKTOP SAVINGS PROPOSAL, PLEASE CONTACT YOUR LOCAL YESSS ELECTRICAL BRANCH

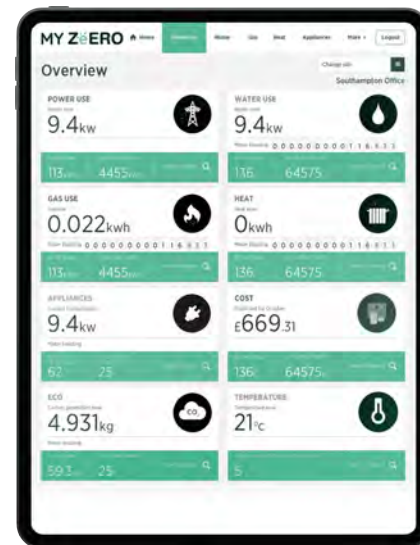
WITH ENERGY PRICES RISING... TAKE CONTROL & MONITOR YOUR ENERGY USAGE

MY ZeERO

MY ZeERO enables you to measure, manage and visualise your organisation's energy usage, at a granular circuit level, in real time, thanks to our easy-to-use cloud-based analytic platform.

Their award-winning, measurement platform will show you exactly where and how you consume energy and more importantly, identify how efficient your buildings are, in real time.

Knowing where your building and equipment is wasting energy, is key to improving operating performance, reducing carbon and saving energy, not to mention money.



REDUCE YOUR ENERGY CONSUMPTION BY 10%+

IDENTIFY AND ELIMINATE ENERGY WASTAGE

Because MY ZeERO delivers unparalleled data visibility it helps you unlock a wealth of important information. Thanks to this, you can identify where the most meaningful energy upgrades for your assets are required, which in turn allows you to make informed decisions and invest with confidence.

ENERGY

See electrical consumption for every minute of every day, from the moment you start the service.

CIRCUITS

Watch every circuit in your building and see exactly what it's costing you, from a light fitting to a production line.

ENERGY GENERATION

Monitor solar PV, CHP, generators, battery storage and any other form of electrical generations you can think of.

GAS

Manage your business gas consumption at site or sub-meter level.

TEMPERATURE

Measure the temperature of your offices, data centres, fridges, swimming pools and immersion tanks - or even water from the taps!

WATER

Measure water, whether it's hot or cold, site or sub-meter level. You can even monitor individual taps, toilets and showers.

YOUR COMPLETE METERING SOLUTION

DISCOVER A COMPREHENSIVE SELECTION OF SURFACE AND
PANEL METERS, TAILORED FOR DIVERSE APPLICATIONS.

YESSS INDUSTRIAL HAVE ALL YOUR METERING NEEDS COVERED

All main brands available such as

ABB **Schneider Electric** **Landis+Gyr**

CHAUVIN ARNOUX

CARLO GAVAZZI

elster

emlite **HOBUT**

YESSS offers full range of:

- Meters and CT's Current transformers from 10amp-5000amp
- Standard, split core and flexible available in 1amp/5amp output and 0.333mV



**ANALYSER HIRE
AVAILABLE**

ASK A MEMBER OF STAFF FOR DETAILS





Industrial



MCCB Panel Board 400A TS

- Powder Coated Epoxy Resin Finish RAL 7035
- Blank gland plates top and bottom
- Removable door with slotted lock (key lock available)
Designed in the UK to BSEN 61439
- Manufactured in the UK to BSEN 61439
- Degree of protection IP3X to BSEN 61529
- 400A rated busbars
- Incomer can be fitted either top or bottom
- Incomers can be MCCBs, Isolators or RCBOs
- Available with 4, 6, 8, 12 or 16 Three Pole outgoing ways
- Single pole MCCBs up to 125A
- Three pole MCCBs up to 125A
- Maximum rating of outgoing MCCBs 125A One or two 160A, one 250A or one 400A TP MCCBs can be fitted above main section
- Metering options are available on incomer and outgoing MCCBs



PART NO.	DESCRIPTION	DIMENSIONS (H X W D)	RATING	OUTGOING WAYS
ERS404TS	4 Way TP&N MCCB Panel Board less incomer	960 x 705 x 200mm	400A	4
ERS406TS	6 Way TP&N MCCB Panel Board less incomer	1025 x 705 x 200mm	400A	6
ERS408TS	8 Way TP&N MCCB Panel Board less incomer	1105 x 705 x 200mm	400A	8
ERS412TS	12 Way TP&N MCCB Panel Board less incomer	1250 x 705 x 200mm	400A	12
ERS416TS	16 Way TP&N MCCB Panel Board less incomer	1420 x 705 x 200mm	400A	16

Mini Panel Board 3, 5 & 7 Way, Fitted with 125A Incomer

- Powder Coated Epoxy Resin finish RAL 7035
- Blank gland plates top and bottom
- Removable door with slotted lock (key lock available)
- Designed in the UK to BSEN61439-3 1991
- Manufactured in the UK to BSEN61439-3
- Degree of protection IP3X to BSEN60529
- 400A rated busbars
- 125A Incomer can be fitted left, right, top or bottom
- Single or three pole 16/25KA rated MCCBs
- Maximum rating of outgoing MCCBs 125A



PART NO.	DESCRIPTION	DIMENSIONS (H X W X D)	INCOMER AMPS
ERS403TS	3 way MCCB Panel Board	510 x 655 x 200mm	125A
ERS405TS	5 way MCCB Panel Board	575 x 655 x 200mm	125A
ERS407TS	7 way MCCB Panel Board	655 x 655 x 200mm	125A

ERS403TS



Industrial

Incomer Options



ISOLATOR PART NO.	DESCRIPTION
ERSKS160	160A 3 Pole Isolator
ERSKS200	200A 3 Pole Isolator
ERSKS250	250A 3 Pole Isolator
ERSKS315	315A 3 Pole Isolator
ERSKS400	400A 3 Pole Isolator
ERSKS1604	160A 4 Pole Isolator
ERSKS2004	200A 4 Pole Isolator
ERSKS2504	250A 4 Pole Isolator
ERSKS3154	315A 4 Pole Isolator
ERSKS4004	400A 4 Pole Isolator

MCCB PART NO.	AMP	KA RATING	
		3P	4P
ERSKM160TS	160A	16kA	-
ERSKM200TS	200A	16kA	-
ERSKM250TS	250A	16kA	-
ERSKM400TS	400A	25kA	-
ERSKM1604TS	160A	-	16kA
ERSKM2004TS	200A	-	16kA
ERSKM2504TS	250A	-	16kA
ERSKM4004TS	400A	-	25kA

RCBO Incomers



ISOLATOR PART NO.	DESCRIPTION	RATING	KA RATING
ERSKR160TS	4 Pole 160A MCCB C/W Earth Leakage	160A	25
ERSKR200TS	4 Pole 200A MCCB C/W Earth Leakage	200A	25
ERSKR250TS	4 Pole 250A MCCB C/W Earth Leakage	250A	25
ERSKR400TS	4 Pole 400A MCCB C/W Earth Leakage	400A	25

MCCB Outgoers



SINGLE POLE PART NO.	AMP	KA RATING
ERS1P016TS	16A	25kA
ERS1P020TS	20A	25kA
ERS1P025TS	25A	25kA
ERS1P032TS	32A	25kA
ERS1P040TS	40A	25kA
ERS1P050TS	50A	25kA
ERS1P063TS	63A	25kA
ERS1P080TS	80A	25kA
ERS1P100TS	100A	25kA
ERS1P125TS	125A	25kA

THREE POLE PART NO.	AMP	KA RATING
ERS3P025TS	25A	16kA
ERS3P040TS	40A	16kA
ERS3P063TS	63A	16kA
ERS3P080TS	80A	16kA
ERS3P100TS	100A	16kA
ERS3P125TS	125A	16kA



Industrial
Cable Extension Box

- For use with income 400A and above



PART NO.	DESCRIPTION	DIMENSIONS (H X W X D)
ERSSB3	Cable box for use with incomer 400A and above	355 x 705 x 140mm
ERSSB6	Cable box for use with incomer 400A and above	510 x 655 x 140mm

160A - 250A 3 Pole MCCB
Outgoing kits

- Fixed adjustable current setting of MCCBs 80% or 63%
- 160A - 250A 3 Pole MCCB Outgoing kits for use with ERIS 400A MCCB Panel Boards
- Manufactured and tested to BSEN61439 parts 1 & 2.
- Designed in the UK to BSEN61439.
- Offers the option to use MCCBs above 125A rating.
- Fully tested prior to dispatch.
- Supplied with MCCBs, links and enclosure which bolts to the top of the panel board.



PART NO.	SUPPLIED MCCB	CURRENT RANGE	POLE	KA RATING
ERSKM200LTS	1 x 200A	125A - 200A	3 Pole	16kA
ERSKM200L2TS	2 x 200A	125A - 200A	3 Pole	16kA
ERSKM250LTS	1 x 250A	160A - 250A	3 Pole	16kA

PART NO.	SUPPLIED MCCB	CURRENT RANGE	POLE	KA RATING
ERSKM250L2TS	2 x 250A	160A - 250A	3 Pole	16kA
ERSKM400LTS	1x400A	250A - 400A	3 Pole	25kA

Single Pole
Blank for MCCB
Panel Board

PART NO.
ERSMCTS



Key Lock

- Key Lock for panel boards (all keys alike)

PART NO.
ERSKL



Industrial
Enclosed MCCBs

- 4 Pole
- Supplied complete with straight terminal shrouds as standard
- Fixed adjustable current setting of MCCBs 80% or 63%
- Pad-lockable in the OFF position
- 63A, 100A, 125A, 160A, 200A, 250A and 400A
- IP65 enclosure to BSEN 60529
- Powder coated steel finish RAL7035
- Removable top and bottom gland plates
- Designed in the UK to BSEN60439
- Built and tested in the UK to BSEN61439 parts 1 & 2



ALSO AVAILABLE
TO ORDER IN
PLASTIC ENCLOSURES
EXAMPLE PART NO. ERSFS0633P



PART NO.	DESCRIPTION	HEIGHT (MM)	WIDTH (MM)	DEPTH (MM)
ERSFS0634	63A 16kA 4 Pole	400	300	200
ERSFS1254	125A 16kA 4 Pole	400	300	200
ERSFS1604	160A 16kA 4 Pole	400	300	200
ERSFS2004	200A 16kA 4 Pole	500	300	200
ERSFS2504	250A 16kA 4 Pole	500	300	200
ERSFS4004	400A 36kA 4 Pole	700	500	200



Type 1 + 2 or Type 2 Internal
Surge Protection Kits

Type 1 +2 or type 2 internal surge protection kits for use with ERIS 400A range of panel boards.

- Type 1 + 2 or Type 2 available
- Type 1 protects against lightning strikes
- Appropriate face plates provided
- Links and cables provided
- Protective device provided
- Fitting instructions supplied
- Also available as enclosed retro fit kits

PART NO.	TYPE
ERS3PBK-T2	Type 2
ERS3PBK-T1+2	Type 1 + 2



Incoming
Metering Kits

Easy wire or MID approved internal metering kits to suit ERIS 400A range of panel boards.

- To suit 400A range of panel boards
- Face plate provided
- Links provided
- Easy wire
- C.T, meter and fused carrier provided
- Output: Pulsed/Modbus
- Instructions provided

PART NO.	AMP
ERSMK250P	250A
ERSMK400P	400A



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Industrial

Metal Enclosed Fused Switches 32-100A

- Ingress protection: IP65
- 3 Pole and early make / late break neutral switch
- Switch handle padlockable in the 'Off' position for up to 3 padlocks
- IP20 protection on incoming terminals
- Supplied with fully rated gL fuses
- Top and bottom gland plates
- All switch ratings AC-22
- CE Approved
- CB & SEMKO approved loadbreak switch to EN 60947-3
- TUV approved fuse holder to EN60269-1 & HD60269-2



PART NO.	DESCRIPTION	DIMENSIONS (H X W X D)	DEPTH (INC SWITCH)	FUSE HOLDER
ERSMFS323PN	32A (AC-22) 3P+SW Neutral Fused Switch inc. 3 x 32A gL Fuses	300 x 200 x 150mm	194mm	10 x 38
ERSMFS633PN	63A (AC-22) 3P+SW Neutral Fused Switch inc. 3 x 63A gL Fuses	400 x 300 x 150mm	244mm	22 x 58
ERSMFS803PN	80A (AC-22) 3P+SW Neutral Fused Switch inc. 3 x 80A gL Fuses	400 x 300 x 150mm	244mm	22 x 58
ERSMFS1003PN	100A (AC-22) 3P+SW Neutral Fused Switch inc. 3 x 100A gL Fuses	400 x 300 x 150mm	244mm	22 x 58

Metal Enclosed Door Interlocked BS88 Switch Fuses 125A-630A (IP65)

3 Pole + Neutral Link Enclosed BS88 Switch Fuses

- RAL 7035 Enclosure
- Pad lockable in 'Off' position (3 padlocks)
- Door interlock with defeat mechanism (for authorised personnel only)
- Switch neutral contact early make / late break where fitted
- IP20 terminal protection included
- Fully rated neutral link (where fitted)
- Removable top & bottom gland plates
- Door earth lead fitted as standard
- Conforms to EN 60947-3
- Supplied with fully rated gL/gG fuses(fuses can be down rated)
- 125A - Tunnel Terminals / 160 -630A - Lug Terminals
- For Technical Data see page 99 of YESSS Industrial Catalogue



PART NO.	AC21 AMP RATING	AC23 AMP RATING	3 PHASE MOTOR RATING	DIMENSIONS (H X W X D)	DEPTH (INC SWITCH)	TERMINAL CAPACITY (RIGID COPPER CABLE MM²)
ERSMSF1253PN	125	125	65kW	500 x 400 x 200mm	245mm	95mm²
ERSMSF1603PN	160	160	90kW	500 x 400 x 200mm	245mm	120mm²
ERSMSF2003PN	200	160	110kW	500 x 400 x 200mm	245mm	120mm²
ERSMSF3153PN	315	315	160kW	800 x 600 x 300mm	360mm	240mm²
ERSMSF4003PN	400	400	220kW	800 x 600 x 300mm	360mm	240mm²
ERSMSF6303PN	630	630	355kW	1000 x 800 x 300mm	360mm	2 x 185mm²



Industrial

4 Pole Steel Enclosed Manual Changeover Switches

- IEC & EN 60947-3
- Padlockable in the OFF position for added security (For up to 3 padlocks)
- **IP65 Steel Enclosure:**
 - Bottom gland plate
 - Epoxy powder coated steel
 - RAL 7035

PART NO.	DESCRIPTION	DIMENSIONS (H X W X D)	IP RATING	ADD. AUX.
ERSMCO634S	63A 4 Pole	400 x 300 x 200mm	IP65	2 Auxiliaries**
ERSMCO804S	80A 4 Pole	400 x 300 x 200mm	IP65	-
ERSMCO1004S	100A 4 Pole	400 x 300 x 200mm	IP65	-



Industrial

Metal Enclosed Door Interlocked Changeover Switches 63-800A

3 Pole + Sw. Neutral Enclosed Changeover Switches

- RAL 7035 Enclosure
- Pad lockable in 'Off' position (3 padlocks)
- Door interlock with defeat mechanism (for authorised personnel only)
- IP20 input & output terminal shrouds
- Switch neutral contact -early make / late break
- Removable top & bottom gland plates
- Door earth lead fitted as standard
- Conforms to EN 60947-3
- Break before make 3 position switch - centre off
- All switches with lug terminals



PART NO.	AC21 AMP RATING	AC23 AMP RATING	3 PHASE MOTOR RATING	DIMENSIONS (H X W X D)	TERMINAL CAPACITY(RIGID COPPER CABLE MM²)
ERSMCO1603PN	160	160	88.6kW	600 x 400 x 200mm	95mm²
ERSMCO2003PN	200	160	88.6kW	600 x 400 x 200mm	120mm²
ERSMCO2503PN	250	160	88.6kW	600 x 400 x 200mm	120mm²
ERSMCO3153PN	315	200	100kW	800 x 600 x 300mm	240mm²
ERSMCO4003PN	400	250	125kW	800 x 600 x 300mm	240mm²
ERSMCO6303PN	630	500	250kW	1000 x 800 x 300mm	2 x 240mm²
ERSMCO8003PN	800	630	315kW	1000 x 800 x 300mm	2 x 240mm²



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Industrial

Metal Enclosed Door Interlocked Switch-Disconnectors 160-630A (IP65)

- 3 Pole + Sw. Neutral Enclosed Switch Disconnectors
- RAL 7035 Enclosure
 - Padlockable in 'Off' position (3 padlocks)
 - Door interlock with defeat mechanism (for authorised personnel only)
 - Switch neutral contact - early make / late break
 - Removable top & bottom gland plates
 - Door earth lead fitted as standard
 - Conforms to EN 60947-3
 - IP20 input & output terminal shrouds (except 160A)
 - 160A - Tunnel Terminals / 200 - 1250A - Lug Terminals



PART NO.	AC21 AMP RATING	AC23 AMP RATING	3 PHASE MOTOR RATING	DIMENSIONS (H X W X D)	TERMINAL CAPACITY (RIGID COPPER CABLE MM²)
ERSMLB1603PN	160	160	88.6kW	500 x 400 x 200mm	95mm²
ERSMLB2003PN	200	160	88.6kW	500 x 400 x 200mm	120mm²
ERSMLB2503PN	250	160	88.6kW	500 x 400 x 200mm	120mm²
ERSMLB3153PN	315	315	174.5kW	800 x 600 x 200mm	185mm²
ERSMLB4003PN	400	400	221.7kW	800 x 600 x 200mm	240mm²
ERSMLB6303PN	630	630	349.1kW	1000 x 800 x 300mm	2 x 185mm²

Automatic Transfer Switch (ATS) IP65- Mains to Standby

- Mechanically & electrically interlocked contactor pair
- AC1 rated contactors to BS EN 60947-6-1
- Top and Bottom gland plates
- IP65 enclosure
- Auto / Manual test switch
- Configurable timers
- Designed for Mains - Generator or Mains - Mains application
- Two wire generator start
- Panel status indicated by LED Lamps
- Available for single and three phase supplies



Single Phase 240VAC

PART NO.	DESCRIPTION	DIMENSIONS
ERSATS40A1PH	40A Single Phase ATS, IP65 Metal Enclosure	400x300x200mm
ERSATS60A1PH	60A Single Phase ATS, IP65 Metal Enclosure	400x300x200mm
ERSATS125A1PH	125A Single Phase ATS, IP65 Metal Enclosure	400x300x200mm

Three Phase 400VAC

PART NO.	DESCRIPTION	DIMENSIONS
ERSATS40A3PH	40A Three Phase ATS, IP65 Metal Enclosure	400x300x200mm
ERSATS60A3PH	60A Three Phase ATS, IP65 Metal Enclosure	400x300x200mm
ERSATS125A3PH	125A Three Phase ATS, IP65 Metal Enclosure	400x300x200mm



Surge Protection Devices



SPA201



SPA213



WSP415M1



SPA101



WSP415/I/TT



SPA103



SPA104

PART NO.	DESCRIPTION
SPA101	Type 2, Single Phase & Neutral - Domestic & Compact
SPA102	Type 3, Single Phase & Neutral Protector with Flying Lead
SPA103	Type 2, Three Phase Protector
SPA104	Type 2, Single Phase & Neutral - 2 Module
SPA105/T1	Type 1, 2 and 3, Three Phase & Neutral Protector
SPA106/T1	Type 1, 2 and 3, Single Phase & Neutral Protector
SPA107	Type 2, 600V Photovoltaic Protector
SPA108	Type 2, 1000V Photovoltaic Protector
SPA201	Type 2, Compact Enclosed Single Phase Protector, Plastic
SPA205	Type 2, Enclosed Three Phase Protector
SPA207	Type 2, Enclosed Single Phase Protector, Plastic

PART NO.	DESCRIPTION
SPA208	Type 2, Metal Enclosed Single Phase 2 Mod Protector
SPA209	Type 1, Plastic Enclosed Three Phase Protector
SPA211	Type 1, Plastic Enclosed Single Phase 2 Mod Protector
SPA212	Type 1, Metal Enclosed Single Phase 2 Mod Protector
SPA213	Type 2, 600V Plastic Enclosed Photovoltaic Protector
SPA214	Type 2, 600V Metal Enclosed Photovoltaic Protector
SPA215	Type 2, 1000V Plastic Enclosed Photovoltaic Protector
SPA216	Type 2, 1000V Metal Enclosed Photovoltaic Protector
WSP415/I/TT	Type 1, 2 and 3, Three Phase Protector
WSP415M1	Type 1, 2 and 3, Distribution Surge Protectors
WSP415MIR	Type 1, 2 and 3, Distribution Surge Protectors, Lead Indicator





S5000 Series 4 Pole (3P+N)
Base Mount Door Interlocked
Switch Disconnectors

- 40 to 1250 Amp AC21
- Available up to 6300 Amp
- 3 Pole & Switched Neutral (4th Pole)
- IP65 Handles padlockable in the off position
- Defeatable door interlock
- IP20 Terminal protection shrouds
- Conforms to IEC/EN 60947-1 & 3
- Bureau Veritas, KEMA certified, UKCA/CE Approved
- Supplied as a Kit or as a component
- 3 Pole with Fixed neutral also available



KIT PART NUMBER	SWITCH	HANDLE *2	SHROUDS *3	DESCRIPTION
PMSDK00403NB	S5-00403NB0*1	DS-SA01	N/A	40A 3P+N Blue Handle & 177mm Shaft
PMSDK00633NB	S5-00633NB0*1	DS-SA01	N/A	63A 3P+N Blue Handle & 177mm Shaft
PMSDK00803NB	S5-00803NB0*1	DS-SA01	N/A	80A 3P+N Blue Handle & 177mm Shaft
PMSDK01253NB	S5-01253NB0*1	DS-SA01	N/A	125A 3P+N Blue Handle & 177mm Shaft
PMSDK01253NS	S5-01253NS0	DS-SA01	DS-CU04	125A 3P+N Blue Handle & 177mm Shaft
PMSDK01603NB	S5-01603NB0*1	DS-SA01	N/A	160A 3P+N Blue Handle & 177mm Shaft
PMSDK01603NS	S5-01603NS0	DS-SA01	DS-CU04	160A 3P+N Blue Handle & 177mm Shaft
PMSDK02003NS	S5-02003NS0	DS-SA01	DS-CU07	200A 3P+N Blue Handle & 177mm Shaft
PMSDK02503ND	S5-02503ND0*4	DS-SA01	DS-CU07	250A 3P+N Blue Handle & 177mm Shaft
PMSDK02503NR	S5-02503NR0	DS-SA11	DS-CU11	250A 3P+N Blue Handle & 227mm Shaft
PMSDK03153NR	S5-03153NR0	DS-SA11	DS-CU11	315A 3P+N Blue Handle & 227mm Shaft
PMSDK04003NC	S5-04003NC0	DS-SA11	DS-CU12	400A 3P+N Blue Handle & 227mm Shaft
PMSDK06303NR	S5-06003NR0	DS-LA21	DS-CU21	630A 3P+N Blue Handle & 195mm Shaft
PMSDK08003NC	S5-08003NC0	DS-LA21	DS-CU21	800A 3P+N Blue Handle & 195mm Shaft
PMSDK12503NC	S5-12503NC0	DS-LA31	DS-CU31	1250A 3P+N Blue Handle & 186mm Shaft

*1 IP20 Rising clamp terminals. All other switches lug terminals
*2 Standard size shaft included with handle

*3 2 Shrouds per switch supplied/needed
*4 Compact version

RATING	40A	63A	80A	125A	160A	200A	250A *4	250A	315A	400A	630A	800A	1250A
AC22 400V	50A	63A	80A	125A	160A	200A	250A	250A	315A	400A	630A	800A	1250A
AC23 400V	50A	63A	63A	125A	160A	160A	160A	250A	315A	400A	630A	800A	1000A
Power 3X 400V	28kW	35kW	35kW	69kW	89kW	89kW	89kW	138kW	174kW	222kW	349kW	443kW	554kW



S6N Series 6 & 8 Pole Base
Mount Door Interlocked
Switch Disconnectors

- 125 to 400 Amp AC21
- Available up to 800 Amp
- 6 & 8 Pole versions
- IP65 Handles padlockable in the off position
- Defeatable door interlock
- IP20 Terminal protection shrouds
- Conforms to IEC/EN 60947-1 & 3
- UKCA/CE Approved
- Supplied as a Kit or as a component



KIT PART NUMBER	SWITCH	HANDLE *2	SHROUDS *3	DESCRIPTION
PMSDK01256PS	S6N01256PS0	DS-SA11	DR-CU12	125A 6 Pole Handle & 227mm Shaft
PMSDK01606PS	S6N01606PS0	DS-SA11	DR-CU12	160A 6 Pole Handle & 227mm Shaft
PMSDK02006PS	S6N02006PS0	DS-SA11	DR-CU12	200A 6 Pole Handle & 227mm Shaft
PMSDK02506PS	S6N02506PS0	DS-SA11	DR-CU12	250A 6 Pole Handle & 227mm Shaft
PMSDK03156PS	S6N03156PS0	DS-SA11	DR-CU12	315A 6 Pole Handle & 227mm Shaft
PMSDK04006PS	S6N04006PS0	DS-SA11	DR-CU12	400A 6 Pole Handle & 227mm Shaft

KIT PART NUMBER	SWITCH	HANDLE *2	SHROUDS *3	DESCRIPTION
PMSDK01258PS	S6N01258PS0	DS-SA11	DR-CU13	125A 8 Pole Handle & 227mm Shaft
PMSDK01608PS	S6N01608PS0	DS-SA11	DR-CU13	160A 8 Pole Handle & 227mm Shaft
PMSDK02008PS	S6N02008PS0	DS-SA11	DR-CU13	200A 8 Pole Handle & 227mm Shaft
PMSDK02508PS	S6N02508PS0	DS-SA11	DR-CU13	250A 8 Pole Handle & 227mm Shaft
PMSDK03158PS	S6N03158PS0	DS-SA11	DR-CU13	315A 8 Pole Handle & 227mm Shaft
PMSDK04008PS	S6N04008PS0	DS-SA11	DR-CU13	400A 8 Pole Handle & 227mm Shaft

All switches lug terminal
*2 Standard size shaft included with handle
*3 2 Shrouds per switch supplied/needed
Extension shafts & auxiliary contacts on page 55

RATING	125A	160A	200A	250A	315A	400A
AC22 400V	125A	160A	200A	250A	315A	400A
AC23 400V	125A	160A	200A	250A	315A	400A





M3 Series 4 Pole (3P+N)
Base Mount Door Interlocked
Switch Fuses

- 32 to 250 Amp AC21
- 3 Pole & Switched Neutral (4th Pole)
- IP65 Handles padlockable in off position
- Defeatable door interlock
- IP20 Terminal protection shrouds
- Conforms to IEC/EN 60947-1 & 3
- Bureau Veritas, KEMA certified, UKCA/CE Approved
- Supplied as a Kit or as a component
- Detachable Neutral & Test Position Versions available



Panel Mount Switch Fuse Kit

KIT PART NUMBER	SWITCH	HANDLE *2	SHROUDS *3	BS FUSE SIZE	DESCRIPTION
PMSFKM300323N	M3-00323NBB10*1	DM3SAB2	N/A	A1	32A 3P+N Handle & 177mm Shaft
PMSFKM300633N	M3-00633NBB20*1	DM3SAB2	N/A	A2-A3	63A 3P+N Handle & 177mm Shaft
PMSFKM300803N	M3-00803NBB30*1	DM3SAB2	N/A	A3	80A 3P+N Handle & 177mm Shaft
PMSFKM301253N	M3-01253NTB30	DM3SAB2	DM3CU03	A3	125A 3P+N Handle & 177mm Shaft
PMSFKM301603N	M3-01603NSB50	DM3SA12	DM3CU13	A4	160A 3P+N Handle & 227mm Shaft
PMSFKM302003N	M3-02003NSB60	DM3SA12	DM3CU13	B1-B2	200A 3P+N Handle & 227mm Shaft
PMSFKM302503N	M3-02503NSB80	DM3SA12	DM3CU13	B3	250A 3P+N Handle & 227mm Shaft

Panel Mount Switch Fuse Kit Including Fuses

KIT PART NUMBER	SWITCH	HANDLE *2	SHROUDS *3	BS FUSE SIZE	DESCRIPTION
PMSFKM300323NF	M3-00323NBB10*1	DM3SAB2	N/A	A1	32A 3P+N Handle & 177mm Shaft
PMSFKM300633NF	M3-00633NBB20*1	DM3SAB2	N/A	A2-A3	63A 3P+N Handle & 177mm Shaft
PMSFKM300803NF	M3-00803NBB30*1	DM3SAB2	N/A	A3	80A 3P+N Handle & 177mm Shaft
PMSFKM301253NF	M3-01253NTB30	DM3SAB2	DM3CU03	A3	125A 3P+N Handle & 177mm Shaft
PMSFKM301603NF	M3-01603NSB50	DM3SA12	DM3CU13	A4	160A 3P+N Handle & 227mm Shaft
PMSFKM302003NF	M3-02003NSB60	DM3SA12	DM3CU13	B1-B2	200A 3P+N Handle & 227mm Shaft
PMSFKM302503NF	M3-02503NSB80	DM3SA12	DM3CU13	B3	250A 3P+N Handle & 227mm Shaft

RATING	32A	63A	80A	125A	160A	200A	250A
AC22 400V	32A	63A	80A	125A	160A	200A	250A
AC23 400V	32A	63A	80A	125A	160A	160A	250A
Power 3X 400V	15kW	30kW	37kW	55kW	75kW	145kW	180kW
Power 3X 400V	A1	A2-A3	A3	A3	A4	B1-B2	B3

*1 IP20 Rising clamp terminals.
All other switches Lug Terminals

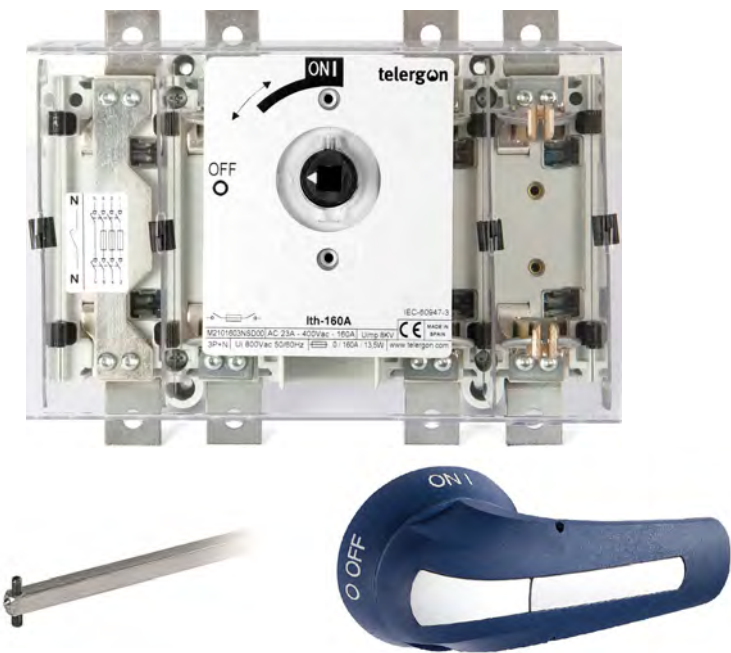
*2 Standard size shaft included with handle

*3 2 Shrouds per switch supplied/needed
Extension shafts & Auxiliary contacts, page 55
BS Fuses & Solid links available to order



M21 Series 4 Pole (3P+N)
Base Mount Door Interlocked
Switch Fuses

- 160 to 800 Amp AC21
- 3 Pole & Switched Neutral (4th Pole)
- IP65 Handles padlockable in off position
- Defeatable door interlock
- IP20 Terminal protection shrouds
- Conforms to IEC/EN 60947-1 & 3
- Bureau Veritas, KEMA certified, UKCA/CE Approved
- Supplied as a Kit or as a component



Panel Mount Switch Fuse Kit

KIT PART NUMBER	SWITCH	HANDLE *2	SHROUDS *3	BS FUSE SIZE	DESCRIPTION
PMSFK01603N	M2101603NSB10	DS-SA11	DM2CU13	B1-B2	160A 3P+N Handle & 227mm Shaft
PMSFK02003N	M2102003NSB20	DS-SA11	DM2CU13	B1-B2	200A 3P+N Handle & 227mm Shaft
PMSFK02503N	M2102503NSB20	DS-SA11	DM2CU13	B1-B2	250A 3P+N Handle & 227mm Shaft
PMSFK03153N	M2103153NSB40	DS-LA22	DM2CU23	B1-B3	315A 3P+N Handle & 239mm Shaft
PMSFK04003N	M3-04003NSB50	DS-LA22	DM2CU23	B1-B4	400A 3P+N Handle & 239mm Shaft
PMSFK06303N	M3-06303NSB70	DS-LA31	DM2CU33	C1-C2	630A 3P+N Handle & 186mm Shaft
PMSFK08003N	M3-08003NJB80	DS-LA31	DM2CU33	C1-C3	800A 3P+N Handle & 186mm Shaft

Panel Mount Switch Fuse Kit Including Fuses

KIT PART NUMBER	SWITCH	HANDLE *2	SHROUDS *3	BS FUSE SIZE	DESCRIPTION
PMSFK01603NF	M2101603NSB10	DS-SA11	DM2CU13	B1-B2	160A 3P+N Handle & 227mm Shaft
PMSFK02003NF	M2102003NSB20	DS-SA11	DM2CU13	B1-B2	200A 3P+N Handle & 227mm Shaft
PMSFK02503NF	M2102503NSB20	DS-SA11	DM2CU13	B1-B2	250A 3P+N Handle & 227mm Shaft
PMSFK03153NF	M2103153NSB40	DS-LA22	DM2CU23	B1-B3	315A 3P+N Handle & 239mm Shaft
PMSFK04003NF	M3-04003NSB50	DS-LA22	DM2CU23	B1-B4	400A 3P+N Handle & 239mm Shaft
PMSFK06303NF	M3-06303NSB70	DS-LA31	DM2CU33	C1-C2	630A 3P+N Handle & 186mm Shaft
PMSFK08003NF	M3-08003NJB80	DS-LA31	DM2CU33	C1-C3	800A 3P+N Handle & 186mm Shaft

RATING	160A	200A	250A	315A	400A	630A	800A
AC22 400V	160A	200A	250A	315A	400A	630A	800A
AC23 400V	160A	200A	250A	315A	400A	630A	630A
Power 3X 400V	90kW	110kW	132kW	160kW	220kW	355kW	355kW
Power 3X 400V	A4	B1-B2	B1-B2	B1-B2	B1-B4	C1-C2	C1-C3

All switches lug terminal

*2 Standard size shaft included with handle

*3 2 Shrouds per switch supplied/needed

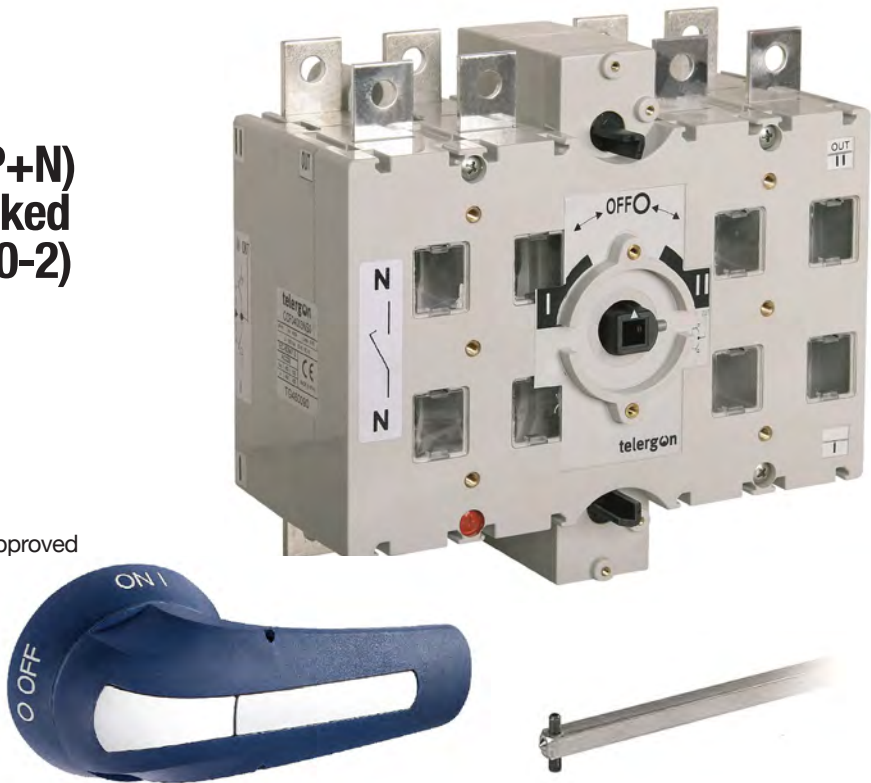
Extension shafts & Auxiliary contacts, page 55





S5F/CCF Series 4 Pole (3P+N) Base Mount Door Interlocked Changeover Switches (1-0-2)

- 125 to 1250 Amp AC21
- Available up to 3150 Amp
- 3 Pole & Switched Neutral (4th Pole)
- IP65 Handles Padlockable in the off position
- Defeatable door interlock
- IP20 Terminal protection shrouds
- Conforms to IEC/EN 60947-1 & 3
- Bureau Veritas, KEMA certified, UKCA/ CE Approved
- Supplied as a Kit or as a component
- Kit includes Bridging Links



KIT PART NUMBER	SWITCH	HANDLE *2	SHROUDS A	SHROUDS B	DESCRIPTION
PMCOKF01253N	S5F01253NS0*1	D5LLA01	DS-CU04	DS-CU04	125A 3P+N Blue Handle & 177mm Shaft
PMCOKF01603N	S5F01603NS0*1	D5LLA01	DS-CU04	DS-CU04	160A 3P+N Blue Handle & 177mm Shaft
PMCOKF02003N	S5F02003NS0*1	D5LLA01	DS-CU07	DS-CU07	200A 3P+N Blue Handle & 177mm Shaft
PMCOK02003N	CCF02003NS0	DCCLA11	DM2CU13*3	DCCCU12	200A 3P+N Blue Handle & 227mm Shaft
PMCOK02503N	CCF02503NS0	DCCLA11	DM2CU13*3	DCCCU12	250A 3P+N Blue Handle & 227mm Shaft
PMCOK03153N	CCF03153NS0	DCCLA11	DM2CU13*3	DCCCU12	315A 3P+N Blue Handle & 227mm Shaft
PMCOK04003N	CCF04003NS0	DCCLA11	DM2CU13*3	DCCCU12	400A 3P+N Blue Handle & 227mm Shaft
PMCOK06303N	CCF06303NS0	DCCLA21	DM2CU23*3	DCCCU22	630A 3P+N Blue Handle & 195mm Shaft
PMCOK08003N	CCF08003NS0	DCCLA21	DM2CU23*3	DCCCU22	800A 3P+N Blue Handle & 195mm Shaft
PMCOK12503N	CCF12503NS0	DCCLA31	DM2CU33*3	DCCCU32	1250A 3P+N Blue Handle & 186mm Shaft

RATING	125A	160A	200A	250A	315A	400A	630A	800A	1250A
AC22 400V	125A	160A	200A	250A	315A	400A	630A	800A	1250A
AC23 400V	125A	160A	200A	250A	315A	400A	630A	800A	1000A
Power 3X 400V	69kW	89kW	80kW	90kW	100kW	125kW	250kW	315kW	626kW

BRIDGING LINK	AMPERAGE
D5LPC03	125-200amp

*1 S5F Switches require external bridging links D5LPC03
D5LPC03 supplied when ordered as a kit.
CCF switches are internally linked
*2 Standard size shaft included with handle.
*3 2x A (Input) Shrouds per switch supplied/needed



AUXILIARY CONTACTS AVAILABLE FOR POSITION INDICATION. SEE PAGE 33



S5/M3/M21/S5F/S6N & CCF Panel Mount Switch Disconnecter Accessories

- Extension Shafts
- Red & Yellow Handles
- Auxiliary Contacts



Extension Shafts

PART NUMBER	DESCRIPTION
DS-EP05	387mm Extension Shaft suitable for S5 40A up to 250ND0, M11 32A-100A & S5L 40A-160A Switches
DS-EP15	536mm Extension Shaft suitable for S5 from 250NR0 to 400A, M21 160A-250A & S6N Switches
DS-EP24	535mm Extension Shaft suitable for S5 630A-1250A & M21 315A-800A Switches
DM2EP11	305mm Extension Shaft suitable for CCF 200A-400A Switches
DM2EP21	290mm Extension Shaft suitable for CCF 630A-800A Switches
DM2EP31	275mm Extension Shaft suitable for CCF 1000A-1250A Switches
DM3EP02	387mm Extension Shaft suitable for M3 32A-125A Switches
DM3EP12	536mm Extension Shaft suitable for M3 160A-250A Switches

Red & Yellow Defeatable door interlocked handles

PART NUMBER	DESCRIPTION
DS-SR01	For 40A-250ND0 S5 Switches
DS-SR11	For 250NR0 to 400A, S5, 160A-250A M21 & S6N Switches
DS-LR21	For 630A-800A S5 & 315A-400A M21
DS-LR31	For 1000A-1250A S5 & 630A-800A M21
DM3SEB1	For 32A-125A M3 Switches
DM3SE11	For 160A-250A M3 Switches

Auxiliary Contacts

1NO & 1NC	2NO & 3NC	DESCRIPTION
DS-AU11	DS-AU12	For 125A-200A S5F Switches
PMCOK06303N	D5LAU02	For 40A-1250A S5, 160A-800A M21, 200-1250 CCF & S6N Switches
PMCOK12503N	N/A	For M3 Switches

Auxiliary Contacts

1NO & 1NC	DESCRIPTION
DM3ASB1	Additional Auxiliary Contact Holder for M3 Switches. Enables an extra 2 Auxiliary contacts to be fitted.*

*Auxiliary contacts not supplied & need to be ordered separately

Switch-Disconnectors

PART NO.	RATING	FORMAT	ENCL. SIZE	ENCL. MATERIAL	IP RATING	ENCL. COLOUR
SDG00323N/F	32A	3P+N	1F	Sheet Steel	IP65	Light Grey RAL 7035
SDG00633N/F	63A	3P+N	1F	Sheet Steel	IP65	Light Grey RAL 7035
SDG01003N/F	100A	3P+N	2F	Sheet Steel	IP65	Light Grey RAL 7035
SDG01253N/F	125A	3P+N	2F	Sheet Steel	IP65	Light Grey RAL 7035
SDG02003N/F	200A	3P+N	4F	Sheet Steel	IP65	Light Grey RAL 7035
SDG02503N/F	250A	3P+N	4F	Sheet Steel	IP65	Light Grey RAL 7035
SDG04003N/F	400A	3P+N	5F	Sheet Steel	IP65	Light Grey RAL 7035



Fuse Disconnectors

PART NO.	RATING	FORMAT	ENCL. SIZE	ENCL. MATERIAL	IP RATING	ENCL. COLOUR
SDFG00323N/F	32A	3P+N	1F	Sheet Steel	IP65	Light Grey RAL 7035
SDFG00633N/F	63A	3P+N	1F	Sheet Steel	IP65	Light Grey RAL 7035
SDFG01003N/F	100A	3P+N	2F	Sheet Steel	IP65	Light Grey RAL 7035
SDFG01253N/F	125A	3P+N	2F	Sheet Steel	IP65	Light Grey RAL 7035
SDFG01603N/F	160A	3P+N	3F	Sheet Steel	IP65	Light Grey RAL 7035
SDFG02003N/F	200A	3P+N	4F	Sheet Steel	IP65	Light Grey RAL 7035
SDFG02503N/F	250A	3P+N	4F	Sheet Steel	IP65	Light Grey RAL 7035



Auxiliary Contacts

PART NO.	ENCL. COLOUR
SAUXCO	Auxiliary Contact for 32A - 200A Switch-Disconnectors (Type A)
SAUXKITA	Auxiliary Contact for 32A - 160A Fuse Combination (Type B)
SAUXKITB	Auxiliary Contact for 250A Switch-Disconnectors (Type C)
SAUXKITC	Auxiliary Contact for 400A - 800A Switch-Disconnectors & 200A - 400A Fuse Combination (Type C)
SAUXKITD	Auxiliary Contact for 1000A Switch-Disconnectors & 630A Fuse Combination Units (Type D)



Fuse Links

PART NO.	ENCL. COLOUR
SFL32	32A Fuse Link. BS Fuse format A2, A3. Fuse Fixing CRS (mm) 73 nom.
SFL63	63A Fuse Link. BS Fuse format A2, A3. Fuse Fixing CRS (mm) 73 nom.
SFL100	100A Fuse Link. BS Fuse format A4. Fuse Fixing CRS (mm) 94 nom.
SFL125	125A Fuse Link. BS Fuse format A4. Fuse Fixing CRS (mm) 94 nom.
SFL160	160A Fuse Link. BS Fuse format B1, B2. Fuse Fixing CRS (mm) 111 nom.
SFL200	200A Fuse Link. BS Fuse format B1-B2. Fuse Fixing CRS (mm) 111 nom.
SFL250	250A Fuse Link. BS Fuse format B1-B2. Fuse Fixing CRS (mm) 111 nom.
SFL315	315A Fuse Link. BS Fuse format B1-B4. Fuse Fixing CRS (mm) 111 nom.
SFL400	400A Fuse Link. BS Fuse format B1-B4. Fuse Fixing CRS (mm) 111 nom.
SFL630	630A Fuse Link. BS Fuse format C1-C3. Fuse Fixing CRS (mm) 133/184 nom.



Terminal Covers

PART NO.	ENCL. COLOUR
STS1	Individual Terminal Cover for 200A Switch-Disconnectors & Fuse Combination (M8 Stud)
STS2	Individual Terminal Cover for 250A - 400A Switch-Disconnectors & Fuse Combination (M10 Stud)
STS3	Individual Terminal Cover for 630A Fuse Combination (M12 Stud)
STS4	Set of 4 Terminal Covers for 630A Switch-Disconnectors (M12 Stud)



Panel ATS Switches

Each panel ATS switch comes standard with the following:

- LED status display and keypad – for ATS configuration.
- Lock off actuator for downstream maintenance.
- AC33B utilisation category.
- Generator Stop / Start delay functionality.
- Modbus communication.
- Aux power supply option 24V DC.
- Applied Standards: EN60947-6-1 PC type.



Mercia ATS Panel Switches

PART NO.	RATING	MAX CABLE	MOUNTING
ATS0802E	32-80A	25mm ²	230 x 125 x 130mm
ATS1252E	100-125A	35mm ²	245 x 130 x 122mm
ATS2502E	160-250A	95mm ²	295 x 175 x 175mm
ATS6302E	400-630A	2 x 240mm ²	430 x 272 x 228mm

Accessories

PART NO.	DESCRIPTION
ATSDISPE	Remote Display Module
ATS125SE	Terminal Shroud - Suitable for ATS1252E / ATS1254E
ATS250SE	Terminal Shroud - Suitable for ATS2502E / ATS2504E
ATS630SE	Terminal Shroud - Suitable for ATS6302E / ATS6304E

Standard Motorised Type ATS

Each ATS comes standard with the following:

- LED status display and keypad – for ATS configuration.
- Lock off actuator for downstream maintenance.
- AC33B utilisation category.
- Generator Stop / Start delay functionality.
- Modbus communication.
- Aux power supply option 24V DC.
- ATS status is visible through a window supplied in the enclosure door.
- Each ATS is supplied in a light grey (RAL 7035) sheet steel enclosure with removable gland plates, offering IP65 protection degree from dust and water ingress.
- Applied Standards: EN60947-6-1 PC type.



PART NO.	RATING	MAX CABLE	MOUNTING
ATS0322E000	32A	25mm ²	400 x 400 x 200mm
ATS0452E000	45A	25mm ²	400 x 400 x 200mm
ATS0632E000	63A	25mm ²	400 x 400 x 200mm
ATS0802E000	80A	25mm ²	400 x 400 x 200mm
ATS1002E000	100A	35mm ²	400 x 400 x 200mm

PART NO.	RATING	MAX CABLE	MOUNTING
ATS1252E000	125A	35mm ²	500 x 500 x 200mm
ATS1602E000	160A	95mm ²	600 x 600 x 300mm
ATS2502E000	250A	95mm ²	800 x 600 x 300mm
ATS4002E000	400A	2 x 240mm ²	1000 x 600 x 300mm
ATS6302E000	630A	2 x 240mm ²	1000 x 600 x 300mm



Busmann series

Consumer Unit Fuse Links

- Rated Voltage: 240 V a.c
- Breaking Capacity: 16.5 kA at 240 V a.c



PART NO.	AMP	COLOUR	PACK SIZE	DIMENSIONS (W X H)
C55	5	White	10	5.35 x 23mm
C1515	15	Blue	10	10.2 x 26mm
C1520	20	Yellow	10	10.32 x 26mm
C3030	30	Red	10	12.7 x 29mm
C4545	45	Green	10	16.67 x 35mm

Offset Bolted Tags Fuse Links

- Rated Voltage: 550 V a.c
- Breaking Capacity: 80 kA at 550 V a.c
- BS Reference: A1
- Fixing Centre: 44mm

PART NO.	AMP	PACK SIZE
NITD2	2	20
NITD4	4	20
NITD6	6	20
NITD10	10	20
NITD16	16	20
NITD20	20	20
NITD25	25	20
NITD32	32	20



- Rated Voltage: 500 V a.c
- Breaking Capacity: 80 kA at 500 V a.c
- BS Reference: A4
- Fixing Centre: 94mm

PART NO.	AMP	PACK SIZE
CEO32	32	10
CEO40	40	10
CEO50	50	10
CEO63	63	10
CEO80	80	10
CEO100	100	10



- Rated Voltage: 550 V a.c
- Breaking Capacity: 80 kA at 550 V a.c
- BS Reference: A2
- Fixing Centre: 73mm

PART NO.	AMP	PACK SIZE
AAO2	2	20
AAO4	4	20
AAO6	6	20
AAO10	10	20
AAO16	16	20
AAO20	20	20
AAO25	25	20
AAO32	32	20



- Rated Voltage: 550 V a.c
- Breaking Capacity: 80 kA at 550 V a.c
- BS Reference: F1

PART NO.	AMP	PACK SIZE
NSD2	2	20
NSD4	4	20
NSD6	6	20
NSD10	10	20
NSD16	16	20
NSD20	20	20
NSD25	25	20
NSD32	32	20



- Rated Voltage: 415 V a.c
- Breaking Capacity: 80 kA at 415 V a.c
- Fixing Centre: 94mm

PART NO.	AMP	PACK SIZE
DEO125	125	5
DEO160	160	5
DEO200	200	5



- Rated Voltage: 500 V a.c
- Breaking Capacity: 80 kA at 500 V a.c
- BS Reference: A3
- Fixing Centre: 73mm

PART NO.	AMP	PACK SIZE
BAO40	40	20
BAO50	50	20
BAO63	63	20



- Rated Voltage: 500 V a.c
- Breaking Capacity: 80 kA at 500 V a.c
- Fixing Centre: 73mm

PART NO.	AMP	PACK SIZE
OSD80	80	20
OSD100	100	20



Street Lighting Application

- Rated voltage: 240 V a.c.
- Rated current: 2 to 32 A
- Breaking capacity: 33 kA at 240 V a.c.
- Meets BS88 Part 1 and 2, IEC 60269 parts 1

PART NO.	AMP	PACK SIZE
STD2	2	20
STD4	4	20
STD6	6	20
STD10	10	20
STD16	16	20
STD20	20	20
STD25	25	20
STD32	32	20



- Rated voltage: 415 V a.c.
- Rated current: 2 to 32 A
- Breaking capacity: 80 kA at 415 V a.c.
- Meets BS88 Part 1 and 2, IEC 60269 parts 1

PART NO.	AMP	PACK SIZE
SMD2	2	20
SMD4	4	20
SMD6	6	20
SMD10	10	20
SMD16	16	20
SMD20	20	20
SMD25	25	20
SMD32	32	20



Cylindrical Industrial Fuse Links

- Rated Voltage: 500 V a.c
- Breaking Capacity: 120 kA at 500 V a.c

PART NO.	AMP	PACK SIZE
C10G0-5	0.5	10
C10G1	1	10
C10G2	2	10
C10G4	4	10
C10G6	6	10
C10G8	8	10
C10G10	10	10
C10G12	12	10
C10G16	16	10
C10G20	20	10
C10G25	25	10
C10G32	32	10



Offset bolted tags fuse links with Red Spot Fuse Holders

- Suitable for Offset bolted tags fuse links
- Rated voltage: 660-690 V a.c. / 460 V d.c.
- Rated current: 20 to 400 A
- BS88 and IEC 60269-1



PART NO.	DESCRIPTION	AMP	PACK SIZE
RS20H	Black, Front Connected	20	10
RS100H	Black, Front Connected	100	5
RS20HWH	White, Front Connected	20	10
RS20P-GWH	White, Back Stud Connected	20	10
RS20P-G	Black, Back Stud Connected	20	10
RS32P	Black, Back Stud Connected	32	10
RS63P	Black, Back Stud Connected	63	10

Safeclip Fuse Holders

- Rated Voltage: 550 V a.c
- Breaking Capacity: 80 kA at 550 V a.c
- BS Reference: F1



PART NO.	DESCRIPTION	AMP	PACK SIZE
SC32P	Black, Back Stud Connected	32	10
SC32H-D	Black, Front Connected	32	10
SC32H-DWH	White, Front Connected	32	10
SC20HWH	White, Front Connected	20	10
SC63P	Black, Back Stud Connected	63	10

Modular Cylindrical Fuse Holders

- 10 x 38mm
- Rated Voltage: IEC 690 V a.c./32 A
- Rated Current: UL 600 V a.c./30 A

PART NO.	POLES
CHM1DU	1
CHM2DU	2
CHM3DU	3



KR85 and LR85 fuse links

- Rated voltage: 415 V a.c.
- Rated current: 5 to 100 A
- Breaking capacity: 33 kA at 415 V a.c.
- Asta certified and tested in accordance to BS 88 part 3

PART NO.	AMP	BS 1361 TYPE	PACK SIZE
60LR85	60	IIb	20
80LR85	80	IIb	20
60KR85	60	IIa	20
80KR85	80	IIa	20



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GRP ENCLOSURES & CABINETS



Available to order a range of GRP electrical cabinets and housings. Handmade to the highest quality. Suitable for housing any electrical, switchgear or pumping equipment. From small meter box cabinets to walk-in housings and large buildings, we offer an extensive range of standard products plus any size and style made bespoke to your exact specifications.

PART NO.	DESCRIPTION
SINGLE DOOR CABINETS	
S1GREEN	Green Single Skin GRP Single Door Cabinet 500 (W) x 350 (D) x 650 (H)mm 13Kg
S1GREY	Grey Single Skin GRP Single Door Cabinet 500 (W) x 350 (D) x 650 (H)mm 13Kg
S2GREEN	Green Single Skin GRP Single Door Cabinet 600 (W) x 350 (D) x 1000 (H)mm 15Kg
S2GREY	Grey Single Skin GRP Single Door Cabinet 600 (W) x 350 (D) x 1000 (H)mm 15Kg
S3GREEN	Green Single Skin GRP Single Door Cabinet 945 (W) x 470 (D) x 1150 (H)mm 18Kg
S3GREY	Grey Single Skin GRP Single Door Cabinet 945 (W) x 470 (D) x 1150 (H)mm 18Kg
S5GREEN	Green Single Skin GRP Single Door Cabinet 745 (W) x 500 (D) x 1260 (H)mm 35Kg
S5GREY	Grey Single Skin GRP Single Door Cabinet 745 (W) x 500 (D) x 1260 (H)mm 35Kg
DOUBLE DOOR CABINETS	
D2GREEN	Green Single Skin GRP Double Door Cabinet 1205 (W) x 600 (D) x 1190(H)mm 50Kg
D2GREY	Grey Single Skin GRP Double Door Cabinet 1205 (W) x 600 (D) x 1190 (H)mm 50Kg
D3GREEN	Green Single Skin GRP Double Door Cabinet 1510 (W) x 650 (D) x 1500 (H)mm 75Kg
D3GREY	Grey Single Skin GRP Double Door Cabinet 1510 (W) x 650 (D) x 1500 (H)mm 75Kg
D4GREEN	Green Single Skin GRP Double Door Cabinet 1750 (W) x 750 (D) x 1640 (H)mm 90Kg
D4GREY	Grey Single Skin GRP Double Door Cabinet 1750 (W) x 750 (D) x 1640 (H)mm 90Kg
D5GREEN	Green Single Skin GRP Double Door Cabinet 2000 (W) x 850 (D) x 1640 (H)mm 110Kg
D5GREY	Grey Single Skin GRP Double Door Cabinet 2000 (W) x 850 (D) x 1640 (H)mm 110Kg
WALK-IN CABINETS (PALLET DELIVERY)	
W1GREEN	Green Single Skin GRP Walk -In Cabinet 2000 (W) x 500 (D) x 2000 (H)mm 110Kg
W1GREY	Grey Single Skin GRP Walk -In Cabinet 2000 (W) x 500 (D) x 2000 (H)mm 110Kg
W1AGREEN	Green 12mm Ply Core GRP Walk -In Cabinet 2000 (W) x 500 (D) x 2000 (H)mm 135Kg
W1AGREY	Grey 12mm Ply Core GRP Walk -In Cabinet 2000 (W) x 500 (D) x 2000 (H)mm 135Kg
W2GREEN	Green Single Skin GRP Walk -In Cabinet 2000 (W) x 1000 (D) x 2000 (H)mm 140Kg
W2GREY	Grey Single Skin GRP Walk -In Cabinet 2000 (W) x 1000 (D) x 2000 (H)mm 140Kg
W2AGREEN	Green 12mm Ply Core GRP Walk -In Cabinet 2000 (W) x 1000 (D) x 2000 (H)mm 170Kg
W2AGREY	Grey 12mm Ply Core GRP Walk -In Cabinet 2000 (W) x 1000 (D) x 2000 (H)mm 170Kg
W3GREEN	Green Single Skin GRP Walk -In Cabinet 2000 (W) x 1500 (D) x 2000 (H)mm 170Kg
W3GREY	Grey Single Skin GRP Walk -In Cabinet 2000 (W) x 1500 (D) x 2000 (H)mm 170Kg
W3AGREEN	Green 12mm Single Skin GRP Walk -In Cabinet 2000 (W) x 1500 (D) x 2000 (H)mm 205Kg
W3AGREY	Grey 12mm Single Skin GRP Walk -In Cabinet 2000 (W) x 1500 (D) x 2000 (H)mm 205Kg
W4GREEN	Green Single Skin GRP Walk -In Cabinet 2000 (W) x 2000 (D) x 2000 (H)mm 200Kg
W4GREY	Grey Single Skin GRP Walk -In Cabinet 2000 (W) x 2000 (D) x 2000 (H)mm 200Kg
W4AGREEN	Green 12mm Single Ply Core GRP Walk -In Cabinet 2000 (W) x 2000 (D) x 2000 (H)mm 240Kg
W4AGREY	Grey 12mm Single Ply Core GRP Walk -In Cabinet 2000 (W) x 2000 (D) x 2000 (H)mm 240Kg



Single Door Cabinets



Double Door Cabinets



Walk-In Cabinets
(Pallet Delivery)

PART NO.	DESCRIPTION
WALK-IN ENCLOSURES (HI-AB DELIVERY)	
W5GREEN	Green Single Skin GRP Walk-In Enclosure 2500 (W) x 2000 (D) x 2500 (H)mm 257Kg
W5GREY	Grey Single Skin GRP Walk-In Enclosure 2500 (W) x 2000 (D) x 2500 (H)mm 257Kg
W5AGREEN	Green 12mm Ply Core GRP Walk-In Enclosure 2500 (W) x 2000 (D) x 2500 (H)mm 330Kg
W5AGREY	Grey 12mm Ply Core GRP Walk-In Enclosure 2500 (W) x 2000 (D) x 2500 (H)mm 330Kg
W6GREEN	Green Single Skin GRP Walk-In Enclosure 2500 (W) x 2500 (D) x 2500 (H)mm 310Kg
W6GREY	Grey Single Skin GRP Walk-In Enclosure 2500 (W) x 2500 (D) x 2500 (H)mm 310Kg
W6AGREEN	Green 12mm Ply Core GRP Walk-In Enclosure 2500 (W) x 2500 (D) x 2500 (H)mm 375Kg
W6AGREY	Grey 12mm Ply Core GRP Walk-In Enclosure 2500 (W) x 2500 (D) x 2500 (H)mm 375Kg
W7GREEN	Green Single Skin GRP Walk-In Enclosure 3000 (W) x 3000 (D) x 2500 (H)mm 390Kg
W7GREY	Grey Single Skin GRP Walk-In Enclosure 3000 (W) x 3000 (D) x 2500 (H)mm 390Kg
W7AGREEN	Green 12mm Ply Core GRP Walk-In Enclosure 3000 (W) x 3000 (D) x 2500 (H)mm 470Kg
W7AGREY	Grey 12mm Ply Core GRP Walk-In Enclosure 3000 (W) x 3000 (D) x 2500 (H)mm 470Kg
W8GREEN	Green Single Skin GRP Walk-In Enclosure 2500 (W) x 1500 (D) x 2500 (H)mm 240Kg
W8GREY	Grey Single Skin GRP Walk-In Enclosure 2500 (W) x 1500 (D) x 2500 (H)mm 240Kg
W8AGREEN	Green 12mm Ply Core GRP Walk-In Enclosure 2500 (W) x 1500 (D) x 2500 (H)mm 285Kg
W8AGREY	Grey 12mm Ply Core GRP Walk-In Enclosure 2500 (W) x 1500 (D) x 2500 (H)mm 285Kg
W9GREEN	Green Single Skin GRP Walk-In Enclosure 2500 (W) x 3000 (D) x 2500 (H)mm 350Kg
W9GREY	Grey Single Skin GRP Walk-In Enclosure 2500 (W) x 3000 (D) x 2500 (H)mm 350Kg
W9AGREEN	Green 12mm Ply Core GRP Walk-In Enclosure 2500 (W) x 3000 (D) x 2500 (H)mm 420Kg
W9AGREY	Grey 12mm Ply Core GRP Walk-In Enclosure 2500 (W) x 3000 (D) x 2500 (H)mm 420Kg
W10GREEN	Green Single Skin GRP Walk-In Enclosure 3000 (W) x 1500 (D) x 2500 (H)mm 270Kg
W10GREY	Grey Single Skin GRP Walk-In Enclosure 3000 (W) x 1500 (D) x 2500 (H)mm 270Kg
W10AGREEN	Green 12mm Ply Core GRP Walk-In Enclosure 30000 (W) x 1500 (D) x 2500 (H)mm 325Kg
W10AGREY	Grey 12mm Ply Core GRP Walk-In Enclosure 30000 (W) x 1500 (D) x 2500 (H)mm 325Kg
W11GREEN	Green Single Skin GRP Walk-In Enclosure 3000 (W) x 2000 (D) x 2500 (H)mm 310Kg
W11GREY	Grey Single Skin GRP Walk-In Enclosure 3000 (W) x 2000 (D) x 2500 (H)mm 310Kg
W11AGREEN	Green 12mm Ply Core GRP Walk-In Enclosure 30000 (W) x 2000 (D) x 2500 (H)mm 375Kg
W11AGREY	Grey 12mm Ply Core GRP Walk-In Enclosure 30000 (W) x 2000 (D) x 2500 (H)mm 375Kg
W12GREEN	Green Single Skin GRP Walk-In Enclosure 3000 (W) x 2500 (D) x 2500 (H)mm 350Kg
W12GREY	Grey Single Skin GRP Walk-In Enclosure 3000 (W) x 2500 (D) x 2500 (H)mm 350Kg
W12AGREEN	Green 12mm Ply Core GRP Walk-In Enclosure 3000 (W) x 2500 (D) x 2500 (H)mm 420Kg
W12AGREY	Grey 12mm Ply Core GRP Walk-In Enclosure 3000 (W) x 2500 (D) x 2500 (H)mm 420Kg



Walk-In Cabinets
(Hi-AB Delivery)

OPTIONAL EXTRA AVAILABLE:

- Alternative Colours
- St/St Door Stay
- GRP Cat Flap
- Aluminium Louvre Vent
- High/Low Clamp Latches
- Cam-Lock
- Lifting Eyes
- 3-Point Locking Assembly

For any enquires please contact your local branch

EVIS PILLAR RANGE ELECTRIC VEHICLE INFRASTRUCTURE SOLUTIONS

4-WEEK
LEAD TIME

The award winning EVIS Range, Electric Vehicle Infrastructure Solutions, is designed to meet a wide range of applicational requirements from 100A – 630A for both Private or DNO Supplies, in both TT and PME earthing installations.

HELP CHOOSING YOUR SOLUTION

Ordering a feeder pillar for an EV installation has never been easier.

With short, market-leading delivery times guaranteed.

The most important questions to consider when selecting your Feeder Pillar, include:

1. Incomer Size

What current rating is the incoming supply?

- 100A
- 200A
- 400A
- 630A

2. Incoming Supply Type

Is the incoming supply a Private connection (from an electric panel) or a District Network Operator (DNO) supply?

3. Chargepoints

How many EV Chargepoints is the Feeder Pillar powering and what are their ratings?

4. Earthing System

What kind of earthing system is required, is it a TT system or a Protective Multiple Earthing (PME) system?



Example of EVIS Pillar for a DNO supply

COMPLIANCE & STANDARDS

The EVIS standard range of EV Connection Pillars are manufactured and tested in accordance to the following standards.

Electrical compliance:

- BS7671: IET Wiring Regulations - covers the electrical installation of buildings including the use of surge protection.
- BS7671: IET code of practice for electric charging

Galvanised Pillar compliance:

- BS EN ISO 1461: Hot dip galvanised coatings on fabricated iron and steel articles. Specifications and test methods.
- BS EN 636: Plywood Specifications - Class 2.
- BS EN 13986: Wood-based panels for use in construction. Characteristics; evaluation of conformity and marking.

Equipped Pillars:

- Restriction of the use of certain hazardous substances Directive 2011/65/EU
- Low Voltage Directive (LVD) 2014/35/EU

BENEFITS TO STANDARD EVIS

1. **Reduce time on site** (power in/out - all other wiring done)
 - Delivered to site complete, wired and assembled
 - Option to send root in advance
2. **Budget certainty**
3. **Highest build quality** - award winning premium product
4. **Compliance** - fully tested and certificated before leaving the factory
5. **Standardisation across the range**

LUCY ZODION: DISTRIBUTION PILLAR RANGE

100AMP DNO												
TYPE	EV1008007GT	EV1008007GE	EV1008007LT	EV1008007LE	EV10030228T	EV10030228E	EV1003022LT	EV1003022LE	EV1002043LT	EV1002043LE	EV1001050LT	EV1001050LE
RATING	7 KW (40A SPN)		7 KW (40A SPN)		22 KW (40A TPN)		22 KW (40A TPN)		43 KW (63A TPN)		50 KW (80A TPN)	
CHARGE POINTS	8		8		3		3		2		1	
INTERNALS												
EARTHING	TT	PME	TT	PME	TT	PME	TT	PME	TT	PME	TT	PME
INTERNAL ENCLOSURES	Non-Conductive Class II											
HEATER	Anti-condensation (pre-set to 5° C)											
PROTECTION	MCCB main incomer											
EARTH LEAKAGE	300mA											
EARTH LEAKAGE TYPE	Type A		Type A		Type A		Type A		Type A		Type A	
PILLAR SIZE												
(SEE SIZE GUIDE FOR PILLAR DIMENSIONS)	14	16	14	16	14	16	14	16	14	16	14	14
100AMP PRIVATE												
TYPE	EV100P8007GT	EV100P8007GE	EV100P8007LT	EV100P8007LE	EV100P3022GT	EV100P3022GE	EV100P3022LT	EV100P3022LE	EV100P2043LT	EV100P2043LE	EV100P1050LT	EV100P1050LE
RATING	7 KW (40A SPN)		22 KW (40A TPN)		7 KW (40A SPN)		22 KW (40A TPN)		43 KW (63A TPN)		50 KW (80A TPN)	
CHARGE POINTS	8		8		3		3		2		1	
INTERNALS												
EARTHING	TT	PME	TT	PME	TT	PME	TT	PME	TT	PME	TT	PME
INTERNAL ENCLOSURES	Non-Conductive Class II											
HEATER	Anti-condensation (pre-set to 5° C)											
PROTECTION	MCCB main incomer											
EARTH LEAKAGE	300mA											
EARTH LEAKAGE TYPE	Type A		Type A		Type A		Type A		Type A		Type A	
PILLAR SIZE												
(SEE SIZE GUIDE FOR PILLAR DIMENSIONS)	12	12	12	12	12	12	12	12	12	12	12	12
200AMP DNO												
TYPE	EV2001607GT	EV2001607GE	EV2006022GT	EV2006022GE	EV2001607LT	EV2001607LE	EV2006022LT	EV2006022LE	EV2004043LT	EV2004043LE	EV2003050LT	EV2003050LE
RATING	7 KW (40A SPN)		22 KW (40A TPN)		7 KW (40A SPN)		22 KW (40A TPN)		43 KW (63A TPN)		50 KW (80A TPN)	
CHARGE POINTS	16		6		16		6		4*		3*	
INTERNALS												
EARTHING	TT	PME	TT	PME	TT	PME	TT	PME	TT	PME	TT	PME
INTERNAL ENCLOSURES	Non-Conductive Class II											
HEATER	Anti-condensation (pre-set to 5° C)											
PROTECTION	MCCB main incomer											
EARTH LEAKAGE	300mA											
EARTH LEAKAGE TYPE	Type A		Type A		Type A		Type A		Type A		Type A	
PILLAR SIZE												
(SEE SIZE GUIDE FOR PILLAR DIMENSIONS)	26	30	26	30	26	30	26	30	26	30	26	30
200AMP PRIVATE												
TYPE	EV200P1607GT	EV200P1607GE	EV200P1607LT	EV200P1607LE	EV200P6022G	EV200P6022GE	EV200P6022LT	EV200P6022LT	EV200P4043LT	EV200P4043LE	EV200P3050LT	EV200P3050LE
RATING	7 KW (40A SPN)		7 KW (40A SPN)		22 KW (40A TPN)		22 KW (40A TPN)		43 KW (63A TPN)		50 KW (80A TPN)	
CHARGE POINTS	16		16		6		6		4*		3*	
INTERNALS												
EARTHING	TT	PME	TT	PME	TT	PME	TT	PME	TT	PME	TT	PME
INTERNAL ENCLOSURES	Non-Conductive Class II											
HEATER	Anti-condensation (pre-set to 5° C)											
PROTECTION	MCCB main incomer											
EARTH LEAKAGE	300mA											
EARTH LEAKAGE TYPE	Type A		Type A		Type A		Type A		Type A		Type A	
PILLAR SIZE												
(SEE SIZE GUIDE FOR PILLAR DIMENSIONS)	22	24	22	26	22	24	22	24	22	24	22	24

* Charge points shall be required to have load management software installed

LUCY ZODION: DISTRIBUTION PILLAR RANGE

		400AMP DNO									
TYPE		EV4001222GT	EV4001222GE	EV4001222LT	EV4001222LE	EV4008043LT	EV4008043LE	EV4005050LT	EV4005050LE	EV4002120LT	EV4002120LE
RATING		22 KW (40A TPN)		22 KW (40A TPN)		43 KW (63A TPN)		50 KW (80A TPN)		120/150 KW (250A TPN)	
CHARGE POINTS		12		12		8*		5*		2*	
INTERNALS											
EARTHING		TT	PME	TT	PME	TT	PME	TT	PME	TT	PME
INTERNAL ENCLOSURES		Non-Conductive Class II									
HEATER		Anti-condensation (pre-set to 5°C)									
PROTECTION		MCCB main incomer									
EARTH LEAKAGE		300mA									
EARTH LEAKAGE TYPE		Type A		Type A		Type A		Type A		Type A	
PILLAR SIZE											
(SEE SIZE GUIDE FOR PILLAR DIMENSIONS)		52	52	52	52	52	52	52	52	52	52
400AMP PRIVATE											
TYPE		EV400P1222GT	EV400P1222GE	EV400P1222LT	EV400P1222LE	EV400P8043LT	EV400P8043LE	EV400P5050LT	EV400P5050LE	EV400P2120LT	EV400P2120LE
RATING		22 KW (40A TPN)		22 KW (40A TPN)		43 KW (63A TPN)		50 KW (80A TPN)		120/150 KW (250A TPN)	
CHARGE POINTS		12		12		8*		5*		2*	
INTERNALS											
EARTHING		TT	PME	TT	PME	TT	PME	TT	PME	TT	PME
INTERNAL ENCLOSURES		Non-Conductive Class II									
HEATER		Anti-condensation (pre-set to 5°C)									
PROTECTION		MCCB main incomer									
EARTH LEAKAGE		300mA									
EARTH LEAKAGE TYPE		Type A		Type A		Type A		Type A		Type A	
PILLAR SIZE											
(SEE SIZE GUIDE FOR PILLAR DIMENSIONS)		36	36	36	36	32	36	32	36	32	36
630AMP DNO											
TYPE		EV6301822GT	EV6301822GE	EV6301822LT	EV6301822LE	EV6301043LT	EV6301043LE	EV6307050LT	EV6307050LE	EV6303120LT	EV6303120LE
RATING		22 KW (40A TPN)		22 KW (40A TPN)		43 KW (63A TPN)		50 KW (80A TPN)		120/150 KW (250A TPN)	
CHARGE POINTS		18		18		10		7		3*	
INTERNALS											
EARTHING		TT	PME	TT	PME	TT	PME	TT	PME	TT	PME
INTERNAL ENCLOSURES		Non-Conductive Class II									
HEATER		Anti-condensation (pre-set to 5°C)									
PROTECTION		MCCB main incomer									
EARTH LEAKAGE		300mA									
EARTH LEAKAGE TYPE		Type A		Type A		Type A		Type A		Type A	
PILLAR SIZE											
(SEE SIZE GUIDE FOR PILLAR DIMENSIONS)		52	52	52	52	52	52	52	52	52	52
630AMP PRIVATE											
TYPE		EV630P1822GT	EV630P1822GE	EV630P1822LT	EV630P1822LE	EV630P1043LT	EV630P1043LE	EV630P7050LT	EV630P7050LE	EV630P3120LT	EV630P3120LE
RATING		22 KW (40A TPN)		22 KW (40A TPN)		43 KW (63A TPN)		50 KW (80A TPN)		120/150 KW (250A TPN)	
CHARGE POINTS		18		18		10		7		3*	
INTERNALS											
EARTHING		TT	PME	TT	PME	TT	PME	TT	PME	TT	PME
INTERNAL ENCLOSURES		Non-Conductive Class II									
HEATER		Anti-condensation (pre-set to 5°C)									
PROTECTION		MCCB main incomer									
EARTH LEAKAGE		300mA									
EARTH LEAKAGE TYPE		Type A		Type A		Type A		Type A		Type A	
PILLAR SIZE											
(SEE SIZE GUIDE FOR PILLAR DIMENSIONS)		36	42	36	42	36	36	36	36	36	36

* Charge points shall be required to have load management software installed

HDG STEEL PILLAR SHELLS

YESSS
INDUSTRIAL

Available to order a range of Steel pillar shells that are UK manufacturer, with over 65 years of experience, our market-leading street lighting control, power distribution and electrical safety solutions are highly configurable and designed and tested to the highest possible standards and compliance requirements.

Mini Pillars

PART NO.	SIZE CODE	HEIGHT ABOVE GROUND (MM)	ROOT SECTION (MM)	W X D X H (MM)	DOOR HEIGHT (MM)	WORKING DEPTH (MM)	SHELL THICKNESS (MM)	BACKBOARD SIZE (MM) W X H	WEIGHT (KG)
THM0025272	4810	785	300	113 x 120 x 785	510	85	3	90 x 500	11
THM0025273	4811	785	300	163 x 120 x 785	510	85	3	140 x 500	14
THM0027610	4812	785	300	163 x 170 x 785	510	510	3	140 x 500	16
THM0025275	4813	785	300	213 x 170 x 785	510	510	3	190 x 500	19
THM0025276	4814	785	300	265 x 170 x 785	510	510	3	240 x 500	22
THM0025277	4815	985	300	365 x 170 x 985	710	710	3	345 x 700	32
THM0025279	4816	1000	300	503 x 250 x 100	800	800	3	480 x 780	47



Slimline Pillars

PART NO.	SIZE CODE	HEIGHT ABOVE GROUND (MM)	ROOT SECTION (MM)	W X D X H (MM)	DOOR HEIGHT (MM)	WORKING DEPTH (MM)	SHELL THICKNESS (MM)	BACKBOARD SIZE (MM) W X H	WEIGHT (KG)
THM0011393	SL01	800	300	250 x 160 x 800	590	106	3	240 x 765	21
THM0011394	SL02	950	300	350 x 235 x 950	740	181	3	340 x 915	29
THM0011396	SL03	1093	300	450 x 260 x 1093	740	206	3	440 x 915	39
THM0011398	SL04	1100	300	550 x 275 x 1100	840	221	3	540 x 1015	38
THM0011400	SL05	1150	300	650 x 300 x 1150	940	246	3	640 1115	77
THM0011402	SL06	1150	300	800 x 325 x 1150	940	271	3	790 x 1115	84



Single Door Pillars

PART NO.	SIZE CODE	HEIGHT ABOVE GROUND (MM)	ROOT SECTION (MM)	W X D X H (MM)	DOOR HEIGHT (MM)	WORKING DEPTH (MM)	SHELL THICKNESS (MM)	BACKBOARD SIZE (MM) W X H	WEIGHT (KG)
THM0024653	05	791	350	310 x 220 x 791	585	170	3	300 x 650	36
THM0024656	06	636	300	400 x 180 x 636	410	155	3	390 x 475	42.5
THM0024658	08	836	300	600x 250 x 836	610	225	3	590 x 675	71.5
THM0024664	09	1088	350	661 x 281 x 1088	860	225	3	640 x 930	84
THM0024666	10	1194	350	800 x 350 x 1194	907	325	3	790 x 975	108
THM0024668	12	1294	350	1110 x 400 x 1294	1007	375	3	1080 x 1075	142



Double Door Pillars

PART NO.	SIZE CODE	HEIGHT ABOVE GROUND (MM)	ROOT SECTION (MM)	W X D X H (MM)	DOOR HEIGHT (MM)	WORKING DEPTH (MM)	SHELL THICKNESS (MM)	BACKBOARD SIZE (MM) W X H	WEIGHT (KG)
THM0024672	14	1300	380	1250 x 450 x 1300	980	375	3	1225 x 1085	176
2270030009							5		300
THM0024674	16	1300	380	1500 x 450 x 1300	980	375	3	1475 x 1085	202
THM0013839							5		350
THM0024676	18	1300	380	1750 x 450 x 1300	980	375	3	1725 x 1085	234
2800244009							5		400
THM0024680	20	1300	380	2000 x 450 x 1300	980	375	3	1975 x 1085	266
20-HDG-5							5		420
THM0024682	22	1600	380	1250 x 450 x 1600	1280	375	3	1225 x 1385	201
THM0016660							5		350
THM0024685	24	1600	380	1500 x 450 x 1600	1280	375	3	1475 x 1385	231
THM0024687	26	1600	380	1750 x 450 x 1600	1280	375	3	1725 x 1385	269
THM0024689	28	1600	380	2000 x 450 x 1600	1280	375	3	1975 x 1385	305
THM0024691	30	1600	380	2250 x 450 x 1600	1280	375	3	2225 x 1385	343
THM0241314	32	2000	380	1500 x 600 x 2380	1734	497	3	1475 x 1785	300
THM0241316	34	2000	380	1750 x 600 x 2380	1734	497	3	1785 x 1785	355
THM0241319	36	2000	380	2000 x 600 x 2000	1734	497	3	1975 x 1785	385
THM0241320	38	2000	380	2250 x 600 x 2000	1734	497	3	2225 x 1785	415
THM0241321	40	2000	380	2000 x 600 x 2200	1934	497	3	1975 x 1985	415
THM0241323	42	2200	380	2250 x 600 x 2200	1934	497	3	2225 x 1985	455



Triple Door Pillars

PART NO.	SIZE CODE	HEIGHT ABOVE GROUND (MM)	ROOT SECTION (MM)	W X D X H (MM)	DOOR HEIGHT (MM)	WORKING DEPTH (MM)	SHELL THICKNESS (MM)	BACKBOARD SIZE (MM) W X H	WEIGHT (KG)
THM0241324	44	2000	380	2500 x 600 x 2000	1734	497	3	2425 x 1785	480
THM0241325	46	2000	380	2850 x 600 x 2000	1734	497	3	2825 x 1785	540
THM0241327	50	2200	380	2000 x 600 x 2200	1934	497	3	2425 x 1985	525
THM0241328	52	2200	380	2850 x 600 x 2200	1934	497	3	2825 x 1985	575



OPTIONAL EXTRA AVAILABLE:

• Painting in any RAL colour

• Security Lock

• Hasp and Staple

• Lighting Kit

• Infill Panels & Gland plates

• Document Pocket

• Heater Kit

• T Key

• Anti Vandal Lock

• Bar Lock

• 13 Amp socket kit

For any enquires please contact your local branch



Commercial

Three Phase & Neutral MCB Distribution Board

- IP3X rated
- Surface wall mount
- Removable top & bottom plates
- Integrated locking system: Key lock

PART NO.	WAYS	DIMENSIONS
EP3BV4MS	4	542 x 452 x 133.8mm
EP3BV6MS	6	588 x 452 x 133.8mm
EP3BV8MS	8	642 x 452 x 133.8mm
EP3BV12MS	12	812 x 452 x 133.8mm
EP3BV16MS	16	992 x 452 x 133.8mm
EP3BV24MS	24	1201 x 452 x 133.8mm



Distribution Board Metering and Controls Housing



Distribution Board Cable Extension Box



Commercial

Surge Protection Device Kit

- Type 2 Class II
- 32A, 230V AC, 50/60Hz
- SPD 4P+ MCB 3P
- Standards: BS EN 61643-11 & BS IEC 61643-11
- 5 year guarantee

PART NO.	AMP
EPD-SPDINC	32



Commercial

Single Pole, 10kA MCBs

- 10kA, 230/400V, 50/60Hz
- Maximum torque setting: 2.5Nm max
- IP20

B Curve

PART NO.	CURVE	AMP
EPD1P-B6	B	6
EPD1P-B10	B	10
EPD1P-B16	B	16
EPD1P-B20	B	20
EPD1P-B25	B	25
EPD1P-B32	B	32
EPD1P-B40	B	40
EPD1P-B50	B	50
EPD1P-B63	B	63

C Curve

PART NO.	CURVE	AMP
EPD1P-C1	C	1
EPD1P-C2	C	2
EPD1P-C3	C	3
EPD1P-C4	C	4
EPD1P-C6	C	6
EPD1P-C10	C	10
EPD1P-C16	C	16
EPD1P-C20	C	20
EPD1P-C25	C	25
EPD1P-C32	C	32
EPD1P-C40	C	40
EPD1P-C50	C	50
EPD1P-C63	C	63

D Curve

PART NO.	CURVE	AMP
EPD1P-D6	D	6
EPD1P-D10	D	10
EPD1P-D16	D	16
EPD1P-D20	D	20
EPD1P-D25	D	25
EPD1P-D32	D	32
EPD1P-D40	D	40
EPD1P-D50	D	50
EPD1P-D63	D	63



Single Pole + Neutral, 10kA RCBOs

- 10kA, 230/400V, 50/60Hz
- Maximum torque setting: 2.5Nm max
- IP20

B Curve

PART NO.	CURVE	AMP
EP1PD-RCBO-B6	B	6
EP1PD-RCBO-B10	B	10
EP1PD-RCBO-B16	B	16
EP1PD-RCBO-B20	B	20
EP1PD-RCBO-B25	B	25
EP1PD-RCBO-B32	B	32
EP1PD-RCBO-B40	B	40
EP1PD-RCBO-B50	B	50

C Curve

PART NO.	CURVE	AMP
EP1PD-RCBO-C6	C	6
EP1PD-RCBO-C10	C	10
EP1PD-RCBO-C16	C	16
EP1PD-RCBO-C20	C	20
EP1PD-RCBO-C25	C	25
EP1PD-RCBO-C32	C	32
EP1PD-RCBO-C40	C	40
EP1PD-RCBO-C50	C	50



Commercial

3 Pole, 10kA MCBs

- 10kA, 230/400V, 50/60Hz
- Maximum torque setting: 2.5Nm max
- IP20

B Curve

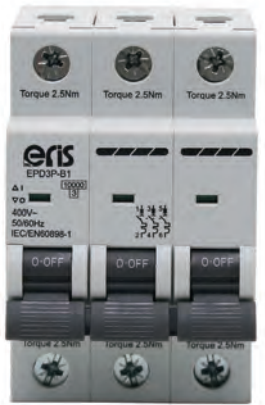
PART NO.	CURVE	AMP
EPD3P-B1	B	1
EPD3P-B2	B	2
EPD3P-B3	B	3
EPD3P-B4	B	4
EPD3P-B6	B	6
EPD3P-B10	B	10
EPD3P-B16	B	16
EPD3P-B20	B	20
EPD3P-B25	B	25
EPD3P-B32	B	32
EPD3P-B40	B	40
EPD3P-B50	B	50
EPD3P-B63	B	63

D Curve

PART NO.	CURVE	AMP
EPD3P-D6	D	6
EPD3P-D10	D	10
EPD3P-D16	D	16
EPD3P-D20	D	20
EPD3P-D25	D	25
EPD3P-D32	D	32
EPD3P-D40	D	40
EPD3P-D50	D	50
EPD3P-D63	D	63

C Curve

PART NO.	CURVE	AMP
EPD3P-C1	C	1
EPD3P-C2	C	2
EPD3P-C3	C	3
EPD3P-C4	C	4
EPD3P-C6	C	6
EPD3P-C10	C	10
EPD3P-C16	C	16
EPD3P-C20	C	20
EPD3P-C25	C	25
EPD3P-C32	C	32
EPD3P-C40	C	40
EPD3P-C50	C	50
EPD3P-C63	C	63



Single Pole + Neutral, 6kA AFDDs

- 6kA, 230/400V, 50/60Hz
- Maximum torque setting: 2.5Nm max
- IP20

B Curve

PART NO.	CURVE	AMP
EPD-AFDD-B6-6/30	B	6
EPD-AFDD-B6-10/30	B	10
EPD-AFDD-B6-16/30	B	16
EPD-AFDD-B6-20/30	B	20
EPD-AFDD-B6-32/30	B	32
EPD-AFDD-B6-40/30	B	40

C Curve

PART NO.	CURVE	AMP
EPD-AFDD-C6-6/30	C	6
EPD-AFDD-C6-10/30	C	10
EPD-AFDD-C6-16/30	C	16
EPD-AFDD-C6-20/30	C	20
EPD-AFDD-C6-32/30	C	32
EPD-AFDD-C6-40/30	C	40



3 Phase Distribution Board

- Removable pan assembly
- RAL 9016 textured finish
- 125A busbar
- Tin plated copper busbar
- Removable top & bottom gland plates

PART NO.	WAYS
DDB125PIR04	4
DDB125PIR06	6
DDB125PIR08	8
DDB125PIR12	12
DDB125PIR16	16



MCB Blank, Type DDB

PART NO.
CPBM1



Single Pole RCBO, Type B

- Single Pole
- Type: B
- Terminal capacity: 16mm
- Certification: BS EN 61009
- Voltage: 220-250V

PART NO.	AMPS	PART NO.	AMPS
CCPBR1006AB	6	CCPBR1020AB	20
CCPBR1010AB	10	CCPBR1032AB	32
CCPBR1016AB	16	CCPBR1040AB	40



Single Pole MCB, Type B

- Single Pole
- Type: B
- Voltage: 230VAC
- Breaking Capacity: 10kA

PART NO.	AMPS	PART NO.	AMPS
CPB1006B	6	CPB1032B	32
CPB1010B	10	CPB1040B	40
CPB1016B	16	CPB1050B	50
CPB1020B	20	CPB1063B	63



125A Incoming Switch

- 4 Pole



PART NO.
CPD1254

40kA Surge Arrestor Kit, Type 2

- Supply voltage range: 220-415V
- Frequency: 50-60Hz
- Ambient operating temperature: -5°C to 40°C (24hour average not exceeding 25°C)



PART NO.
DDB-T2S4031KIT

DDB Metering/Surge Protection Enclosure

- 7 Way
- IP4X
- Rated voltage 220-415V
- Ambient operating temperature: -5°C to 40°C (24hour average not exceeding 25°C)

PART NO.
DDB-M/SENC



DDB Modular Service Box

- 14 Way
- Rated voltage 220-415V
- Ambient operating temperature: -5°C to 40°C (24hour average not exceeding 25°C)

PART NO.
DDB-MSB14



Single Pole RCBO, Type C

- Single Pole
- Type: C
- Terminal capacity: 16mm
- Certification: BS EN 61009
- Voltage: 220-250V

PART NO.	AMPS	PART NO.	AMPS
CCPBR1006AC	6	CCPBR1020AC	20
CCPBR1010AC	10	CCPBR1032AC	32
CCPBR1016AC	16	CCPBR1040AC	40



Single Pole MCB, Type C

- Single Pole
- Type: C
- Voltage: 230VAC
- Breaking Capacity: 10kA

PART NO.	AMPS	PART NO.	AMPS
CPB1006C	6	CPB1032C	32
CPB1010C	10	CPB1040C	40
CPB1016C	16	CPB1050C	50
CPB1020C	20	CPB1063C	63



MCB, 3 Pole, Type C

- Rated voltage: 220-415V
- Breaking Capacity: 10kA



PART NO.	AMPS	PART NO.	AMPS
CPB1006C3	6	CPB1032C3	32
CPB1010C3	10	CPB1040C3	40
CPB1016C3	16	CPB1050C3	50
CPB1020C3	20	CPB1063C3	63

Invicta 3 Type B Distribution Boards Glazed

- Surface mounted steel enclosures
- IP3X
- Enclosures are glazed doors
- Supplied without incoming and outgoing devices
- Complies with BS EN 61439-3

PART NO.	WAYS
JK104BG	4
JK106BG	6
JK108BG	8
JK112BG	12
JK116BG	16



Incomer Kits

- Hager incomer kits must only be used within Invicta 3 distribution boards
- Complies with BS EN 61439-3



PART NO.	DESCRIPTION
JK11003S	100A, 3 Pole
JK11253S	125A, 3 Pole
JK11004S	100A, 4 Pole

MCB 10kA and 15kA Type C Single Pole

- Comply with BS EN 60898 (10kA) & BS EN 60947-2 (15kA)

PART NO.	AMPS	PART NO.	AMPS
NCN106A	6	NCN125A	25
NCN110A	10	NCN132A	32
NCN116A	16	NCN140A	40
NCN120A	20	NCN150A	50
		NCN163A	63



MCB 10kA and 15kA Type C Triple Pole

- Comply with BS EN 60898 (10kA) & BS EN 60947-2 (15kA)

PART NO.	AMPS	PART NO.	AMPS
NCN306A	6	NCN325A	25
NCN310A	10	NCN332A	32
NCN316A	16	NCN340A	40
NCN320A	20	NCN350A	50
		NCN363A	63



RCBO 30mA 10kA

- BS EN 61009
- Sensitivities are fixed
- Flying neutral lead is 700mm
- 6A to 40A, reduced height RCBOs

B CURVE		C CURVE	
PART NO.	AMPS	PART NO.	AMPS
ADA106U	6	ADA156U	6
ADA110U	10	ADA160U	10
ADA116U	16	ADA166U	16
ADA120U	20	ADA170U	20
ADA132U	32	ADA182U	32
ADA140U	40	ADA190U	40



125A Surge Protection Kit



PART NO.	DESCRIPTION
JK101SPD	Type 1 & 2
JK102SPD	Type 2

Single Pole Busbar Blank

- Shrouds busbar and blanks spare ways
- Width: 1 module (17.5mm)



PART NO.
JK01B

VTPN Board IP66 Polycarbonate with Transparent Door

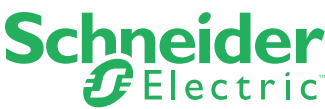
- Incoming up to 125A
- MCB Transparent door
- Incoming via isolator/MCB/RCCB or RCBO
- PE and N terminals
- Material: PC (polycarbonate)
- Per PE/N 1 x 6mm²-35mm², 16 x 1.5mm²-16mm²
- Door fastener with tool operation
- Protection class: II

PART NO.	WAYS	DIMENSIONS (H X W X D)
FPVN0400GB	4	640x336x163mm
FPVN0600GB	6	640x336x163mm



PART NO.	WAYS	DIMENSIONS (H X W X D)
FPVN0800GB	8	640x336x163mm
FPVN1200GB	12	1180x546x163mm





Load Centre KQ 3 Phase
Type B Distribution Board

- Manufactured and tested to BS EN 61439-3
- Maximum busbar rating 250A
- Voltage Rating 400/415V AC
- External IP3X protection to BS EN 60529
- IP2XB finger safe with door and cover removed to BS EN 60529, provided by permanent, non removable, factory fitted barriers
- Fully shielded neutral bars

PART NO.	WAYS
SE12B250	4
SE18B250	6
SE24B250	8
SE36B250	12
SE48B250	16



Load Centre KQ
125A Type B Switch
Disconnecter

PART NO.	DESCRIPTION
SE125SW3L	3+N Lug Pole
SE125SW4	4 Pole



Load Centre KQ C
Curve Type A RCBO

- BS EN 61009
- 10kA breaking capacity
- Operating voltage 150 - 230Vac

PART NO.	AMPS	PART NO.	AMPS
SEE106C03	6	SEE125C03	25
SEE110C03	10	SEE132C03	32
SEE116C03	16	SEE140C03	40
SEE120C03	20	SEE145C03	45



Load Centre KQ Type C
Single Pole MCB

- 10kA
- Manufactured and tested to BS EN 60898

PART NO.	AMPS	PART NO.	AMPS
SE10C106	6	SE10C125	25
SE10C110	10	SE10C132	32
SE10C116	16	SE10C140	40
SE10C120	20	SE10C150	50
		SE10C163	63



Load Centre KQ Type C
Triple Pole MCB

- 10kA
- Manufactured and tested to BS EN 60898

PART NO.	AMPS	PART NO.	AMPS
SE10C306	6	SE10C325	25
SE10C310	10	SE10C332	32
SE10C316	16	SE10C340	40
SE10C320	20	SE10C350	50
		SE10C363	63



Load Centre KQ
Blanking Plate
(3 Poles)

PART NO.
SEDNBP3



Load Centre KQ Multi
Function Metering Kit
for 3 Phase Type B

- Components: Multi function meter provides V, A, Power factor kW/h, kVA/h.
- Three current transformers.
- Three single pole MCBs

PART NO.
SE250MET



Type B TPN
Distribution Boards

- Welded 'case end' design board with removable gland plates provides super 'stiff' construction
- Construction virtually eliminates distortion during installation, ensuring final assembly fit and alignment
- Unique cable trunking interface kit simplifies mounting of cable trunking and protects cables
- Improved Neutral cable clamp design for simple and secure cable connection
- Unique 'full form' blanking modules provides secure shrouding of unused busbar stubs for increased safety
- Removable busbar assembly to assist installation
- Auto-formed, curved construction of main cover adds to board rigidity, with improved appearance

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
EBM41	4 Way, 125A	EBM161	16 Way, 125A
EBM61	6 Way, 125A	EBM182	18 Way, 125A
EBM81	8 Way, 125A	EBM122	12 Way, 225A
EBM121	12 Way, 125A	EBM242	24 Way, 250A



Single Pole 10kA /
15kA Type C MCB

- Comply with BS EN 60898 (10kA) & BS EN 60947-2 (15kA)

PART NO.	AMPS	PART NO.	AMPS
EMCH106	6	EMCH132	32
EMCH110	10	EMCH140	40
EMCH116	16	EMCH150	50
EMCH120	20	EMCH163	63



Triple Pole 10kA /
15kA Type C MCB

- Comply with BS EN 60898 (10kA) & BS EN 60947-2 (15kA)

PART NO.	AMPS	PART NO.	AMPS
EMCH306	6	EMCH332	32
EMCH310	10	EMCH340	40
EMCH316	16	EMCH350	50
EMCH320	20	EMCH363	63



Single Pole 30mA 10kA
Type C RCBO

- Comply with BS EN 61009

PART NO.	AMPS	PART NO.	AMPS
EMCH106R30C	6	EMCH132R30C	32
EMCH110R30C	10	EMCH140R30C	40
EMCH116R30C	16	EMCH145R30C	63
EMCH120R30C	20		



1 Module 18mm
Blanking Module

PART NO.
EMBP



Memshield
2 Field Fit
30mA RCD
Pod Type AC

- Any standard SP or SP+N Eaton MCB, can be field fitted with residual current unit to create RCBO



PART NO.
MR30



125A, 3 Pole Switch
Disconnecter

- Incomer switch disconnectors for Type A and B distribution boards
- Designed for general commercial building applications

PART NO.	DESCRIPTION
EBMS1253	125A, 3 Pole
EBMS1253N	125A, 3 Pole + N



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FOLLOW US ON SOCIAL MEDIA

SWITCHGEAR LINE CARD

SPECIALISING IN OBSOLETE & CURRENT LINE AUTOMATION SPARES

ABB - FURSE EARTHING LIGHTING& SURGE PROTECTION - INDUSTRIAL ACCESSORIES - POWER BREAKER PRODUCTS - POWER DISTRIBUTION PRODUCTS - POWER PROTECTION & CONTROL PRODUCTS - SWITCHGEAR PRODUCTS AND FUSES	CRABTREE - STARBREAKER - LOADSTAR - POWERSTAR - POLESTAR - POLESTAR COMPACT - FUSESTAR - LIFESTAR - C50 - SB6000	EATON - MEMSHIELD 1 - MEMSHIELD 2 - MEMSHIELD 3 - GLASGOW - EXCEL - BUSSMANN FUSES - MEMERA 3 - MEMERA 21 - MEMERA 2000 - MEL MCCBS - MFL MCCBS - MGL MCCBS - GE MCCBS - NZM MCCBS	GE - SERIES E - SERIES G - VYINKER - ELFA PLUS - MINIFORM - MODULAR 800 - REDSPOT
DORMAN SMITH - LOADBANK - LOADLIMITER - LOADMASTER	TERASAKI - TEMDIN MCBS& RCBOS - TEMDIN 2 MCBS & RCBOS - TEMDIN 3 MCBS & RCBOS - TEMBREAK MCCBS	MITSUBISHI BHPS MCBS	LEGRAND - LEXIC MCBS & RCBOS - RX3 MCBS& RCBOS - DX3 MCBS& RCBOS
SCHNEIDER - CANALIS BUSBAR & ACCESSORIES - SAREL ENCLOSURES & ACCESSORIES - IC60 MCBS & RCBOS - ISOBAR P BOARDS - NSX MCCBS & ACCESSORIES - MASTERPACT ACBS & ACCESSORIES - POWERPACT PANELS - IKQ MCBS & RCBOS - IKQ LOADCENTRE - ILINE - QUADBREAK & TWINBREAK - EASY9 - RESI9 - QOVS & QOE - SQO MCBS & RCBOS - DOMAE MCBS & RCBOS	SIEMENS 5SX MCBS & RCBOS 5SY MCBS & RCBOS - SIRIUS CONTACTORS & OVERLOADS	HAGER - HD MCCBS - HN MCCBS - MT & MTN MCBS - NB, NC, ND, NBN, NCN & NDN MCBS	OTTERMILL SYSTEM T MCBS
	MK SENTRY MCBS & RCBOS		

MANY MORE BRANDS AVAILABLE SUCH AS CHINT, FEDERAL, SECTOR, WYLEX NB & HB& CONTACTUM

AUTOMATION LINE CARD

SPECIALISING IN OBSOLETE & CURRENT LINE AUTOMATION SPARES

ALLEN-BRADLEY - PLC SYSTEMS - HMIS & DISPLAYS - SERVO DRIVES - INVERTER DRIVES - DC DRIVES - SOFT STARTS - MOTORS & ENCODERS - GENERAL AUTOMATION	MITSUBISHI - PLC SYSTEMS - HMIS & DISPLAYS - SERVO DRIVES - INVERTER DRIVES - ROBOTICS - MOTORS & ENCODERS - GENERAL AUTOMATION - CNC SYSTEMS	SIEMENS - PLC SYSTEMS - HMIS & DISPLAYS - SERVO DRIVES - INVERTER DRIVES - ROBOTICS - MOTORS & ENCODERS - GENERAL AUTOMATION - CNC SYSTEMS - PROCESS CONTROL	SCHNEIDER ELECTRIC - PLC SYSTEMS - HMIS & DISPLAYS - INVERTER DRIVES - MOTORS & ENCODERS - SAFETY AUTOMATION - SOFT STARTS
LENZE - DC DRIVES - FREQUENCY INVERTERS - INVERTER DRIVES - SERVO MOTORS - CONTROLS	FANUC - HMIS & DISPLAYS - SERVO DRIVES - MOTORS & ENCODERS - CNC SYSTEMS	G.E.FANUC - PLC SYSTEMS - HMIS & DISPLAYS - GENERAL AUTOMATION	ABB - INVERTER DRIVES - MOTORS & ENCODERS - PROCESS CONTROL
CONTROL TECHNIQUES - INVERTER DRIVES - DC DRIVES - CNC SYSTEMS	YASKAWA - SERVO DRIVES - INVERTER DRIVES - MOTORS & ENCODERS	OMRON - PLC SYSTEMS - DRIVES - SERVO MOTORS	BOSCH REXROTH INDRAMAT - SERVO DRIVES - MOTORS & ENCODERS - HYDRAULICS - PNEUMATICS

OTHER MANUFACTURERS

AEG ALSTOM B & R BALDOR BARTEC BAUMER ELECTRIC BAUMULLER BECKHOFF CINCINNATI MILACRON CONTRAVES COUTANT LAMBDA DANFOSS	ELAN ELECTRO-CRAFT EMERSON ESA ELETTRONICA EUROTHERM FAGOR FAIRFORD ELECTRONICS FESTO FUJI ELECTRONICS GEFRAN GEM 80 GENERAL ELECTRIC	GIDDINGS & LEWIS GOULD HEIDENHAIN HIRSCHMANN HITYACHI HITRON HONEYWELL IMO INDRAMAT INFRANOR KB ELECTRONICS KEB	KINCO KINGSHILL KLOCKNER-MOELLER KME KOLLMORGEN KOYO KUKA LAMBDA LEROR-SOMER LUST LUTZE MAGNETEK	MATSUSHITA MOELLER MOOG MURR ELEKTRONIK NEMIC-LAMBDA NORWIN NUM OKUMA OSAI PACIFIC SCIENTIFIC PANASONIC PARKER DIGIPLAN	PEPPERI & FUCHS PHOENIX CONTACT PILZ PRIMA ELECTRONICS PROSOFT TECHNOLOGY RED LION RELIANCE ELECTRIC SANYO DENKI SCHLEICHER SCHNEIDER ELECTRIC SEIDEL SEM SEW-EURODRIVE SHARP	SICK SPRINT ELECTRIC SSD DRIVES TCS TEXAS INSTRUMENTS TOSHIBA TYPASCT UNIOP VACON VEGA VICKERS VIPA
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0.3MP, Thermal Camera, PocketE Series

- IR resolution: 96 x 96 (9,216 pixels), NETD: <50mK (@ 25°C, F# = 1.0)
- Support SuperIR Image enhancement technology on captured image and live view
- 112:1 Distance to spot ratio (D:S)
- 1.0x to 4.0x continuous digital zoom
- Built-in 4GB memory
- Accurately measure temperature from -20°C to 350°C (-4°F to 662°F)
- Accuracy: Max. ($\pm 2^{\circ}\text{C}/3.6^{\circ}\text{F}$, $\pm 2\%$)
- 25Hz image frequency
- Thermal, Fusion, PIP, Visual, and Blending modes
- Manual, automatic, and 1-Tap level and span

PART NO.

HM-TP40-1AQF/W-POCKETE

Thermography Camera Macro Lens, Pocket Series

- The macro lens allows you to spot potential design flaws, evaluate PCB hot spots, and inspect small electronic components. Easily clips onto HIKMICRO Pocket-series thermal imaging cameras.
- High Accuracy: Max($\pm 3^{\circ}\text{C}/5.4^{\circ}\text{F}$, $\pm 3\%$), for object temperature between 0°C (32°F) to 150°C (302°F)
- See Smaller: Small details are clearly visible, imaging the target as small as 100 μm x 100 μm
- No Calibration Required: Ready to use once installed, saves the hassle of sending the camera to the manufacturer to calibrate the lens



PART NO.

HM-P201-MACRO



8MP, Pocket Thermal Camera, Pocket2 Series

- IR resolution: 256 x 192 (49,152 pixels), NETD: <40mK (@ 25°C, F# = 1.0)
- Support SuperIR Image enhancement technology on captured images and live-view
- 1.0x to 4.0x continuous digital zoom
- Built-in 16 GB memory
- 8MP visual camera
- Up to 4 hours continuous running
- Accurately measure temperature from -20°C to 400°C (-4°F to 752°F)
- Accuracy: Max. ($\pm 2^{\circ}\text{C}/3.6^{\circ}\text{F}$, $\pm 2\%$)
- 25Hz image frequency
- Thermal, Fusion, PIP, Visual, and Blending modes
- Manual, automatic, and 1-Tap level and span

PART NO.

HM-TP42-3AQF/W-POCKET2



Mini Smartphone Thermal Camera Module

- The Smartphone Module is designed to inspect electrical equipment, troubleshooting HVAC problems. Equipped with functional thermal App for smartphone, the Smartphone Module enables you to get the thermal imaging on your phone.
- USB Type-C interface (Android)
- Thermal resolution: 256 x 192 (49,152 pixels)
- NETD: <40mK (@ 25°C, F# = 1.0)
- Accuracy: $\pm 2^{\circ}\text{C}$ (-20°C to 100°C); $\pm 2^{\circ}$ (100°C to 350°C)
- 20g weight

PART NO.

HM-TJ12-3ARF-MINI2

Handheld Thermal Camera, Eco-V Series

- Thermal resolution: 96 x 96 (9,216 pixels)
- 112:1 Distance to spot ratio (D:S)
- SuperIR: 240 x 240 (57,600 pixels)
- NETD: <50mK (@ 25°C, F# = 1.0)
- Measurement presets: center spot, hot spot, cold spot, off
- 25Hz image frequency
- Laser pointer
- Built-in 4 GB flash memory: 30,000 pictures
- Up to 8 hours continuous running
- Thermal/Visual/Fusion



PART NO.

HM-TP30-1AQF-ECO-V

Handheld Thermography Camera, M Series

- High sensitivity thermal module with 192 x 144 resolution
- High quality optical module with 8MP resolution
- Bi-spectrum image fusion, picture-in-picture preview
- Wide temperature measurement range: -20°C - 550°C
- 640 x 480 resolution 3.5" LCD touch display
- High temperature measurement accuracy: Max. ($\pm 2^{\circ}\text{C}/3.6^{\circ}\text{F}$, $\pm 2\%$), for ambient temperature 15°C to 35°C (59°F to 95°F) and object temperature above 0°C (32°F)
- Long-distance laser light supplement for thermography targets
- Supports remote album access, download and quick report with APP



PART NO.

HM-TP21S-7QF/W-M11

Handheld Thermal Camera, B Series

- Thermal resolution: 256 x 192 (49,152 pixels)
- NETD: <40mK (@ 25°C, F# = 1.0)
- 3.2" LCD screen display
- Up to 6 hours continuous running
- Temperature measurement range: -20°C to 550°C (-4°F to 1022°F)
- Accuracy: Max ($\pm 2^{\circ}\text{C}/3.6^{\circ}\text{F}$, $\pm 2\%$), for ambient temperature 15°C to 35°C (59°F to 95°F) and object temperature above 0°C (32°F)
- Measurement presets: Center spot, Hot spot, Cold spot, User Preset Point
- 25Hz image frequency



PART NO.

HM-TP52-3AQF/W-B21L

Thermal Camera Soft Pouch with Strap

- The soft pouch is easy to carry with a shoulder strap and protects the camera from wear, dust, and dirt.
- Compatible with the following products: Eco Series, B Series



PART NO.

HM-B01-POUCH

YESSS WE SUPPLY ALL TYPES OF MATTING



ELECTRICAL SAFETY MATTING



ANTI FATIGUE MATTING



ENTRANCE MATS



ANTI SLIP MATTING



Lighting and Power Busbar Trunking - 50% quicker to install than cable and trunking

Graziadio UK supply all types of busbar projects including lighting busbar from 25A to rising main systems and specialist power busbar up to 5000A.

- Large UK stocks of lighting busbar from 25A to 63A
- Power busbar systems designed and shipped quickly
- Fast return on all quotation requests
- UK based sales and technical support
- Lighting busbar is much easier to install than cable and trunking, and there are typically only 5 items per order
- It is often more cost effective than the installer will expect
- Lighting busbar: 25-63A
- Power busbar: 63-2500A
- IP68 Power busbar: 630-6300A



PART NO.	DESCRIPTION
GLS2534	25A 4 Pole Lighting Busbar 3m length
GLS4034	40A 4 Pole Lighting Busbar 3m length
GLS4036	40A 6 Pole Lighting Busbar 3m length
GLS4038	40A 8 Pole Lighting Busbar 3m length
GLS6334	63A 4 Pole Lighting Busbar 3m length

PART NO.	DESCRIPTION
GLSATS4	End Feed 25A/40A LH 4P
GLSATS8	End Feed 25A/40A 8P
GLSATS63	End Feed 63A LH 4P

PART NO.	DESCRIPTION
GLSCT4	End Cap 25A/40A 4P
GLSCT8	End Cap 25A/40A 8P

PART NO.	DESCRIPTION
GLS16FN	16A Fused Tap Off 2P (6.3A)
GLS10LN	10A Unfused Tap Off

PART NO.	DESCRIPTION
GLSS4	Fixing Hanger 4P
GLSS8	Fixing Hanger 8P

Power

- Graziadio GDA power busbar is available from 63A-2500A and is both versatile and cost effective
- It is used extensively in multi storey buildings such as hotels, office blocks and student accommodation
- We can assist in the design process, prepare schematic site drawings, and move from enquiry to delivery much quicker than many manufacturers



GDA401252



GDA401250



GDA100020

PART NO.	DESCRIPTION
GDA100630	63A Busbar 4m
GDA100000	100A Busbar 4m
GDA101000M	160A Busbar 4m
GDA102000	250A Busbar 4m
GDA104000	400A Busbar 4m
GDA105000	500A Busbar 4m
GDA106000	630A Busbar 4m
GDA108000	800A Busbar 4m
GDA110000	1000A Busbar 4m
GDA112000	1250A Busbar 4m
GDA116000	1600A Busbar 4m

PART NO.	DESCRIPTION
GDA100020M	End Feed 63A-100A-160A
GDA100020	End Feed 250A-400A
GDA100022	End Feed 500A-630A-800A
GDA100043	End Feed 1000A
GDA116043	End Feed 1250A-1600A

PART NO.	DESCRIPTION
GDA100027	End Caps 63A-100A-160A
GDA100028	End Caps 250A-400A
GDA100029	End Caps 500A-630A-800A-1000A
GDACT4	End Caps 1250A-1600A

PART NO.	DESCRIPTION
GDA010000	Fixing Hangers 63A-100A-160A
GDA010001	Fixing Hangers 250A-400A-500A-630A-800A-1000A
GDASS4	Fixing Hangers 1250A-1600A

PART NO.	DESCRIPTION
GDA400250	32A Fused Tap Off
GDA401250	63A-125A Fused Tap Off
GDA401600	160A Fused Tap Off
GDA402500	250A Fused Tap Off
GDA404000	400A Fused Tap Off

WHAT WOULD YOU DO IF THE POWER GOES OUT NOW?

Supply, install, maintain and service



When was the last time your UPS had a checkup?

Regular health checks carried out on your UPS and UPS batteries will help to avoid unexpected failures or spot potential faults to prevent them causing any downtime to your supported load.

Things to consider when deciding if your UPS needs a Health Check:

- How old is your UPS?
- How effective is your UPS in protecting your equipment?
- When was the last time your UPS had a service?
- Do you have new equipment which would also benefit from emergency power protection?
- Will your UPS run for the length of time you need it in the event of a mains failure?
- Have you taken into consideration the environment in which your UPS and batteries are housed, as heat has the most detrimental effect on UPS batteries?

UPS health check includes:

- UPS visual inspection and environmental checks
- Further maintenance checks including fuses, fans and display values
- Battery test
- External bypass check
- Full health check report with recommendations
- All work to be completed in normal working hours

YESSS Industrial offer:

- Full project management from start to finish, we specify the solutions and manage the entire project on your behalf
- Full installation, maintenance and commissioning

WE OFFER BOTH COMMERCIAL & INDUSTRIAL UPS SYSTEMS

TAILORED TO YOUR NEEDS



COMMERCIAL UPS

Our commercial AC UPS output ratings range from 1kVA to 1MVA and are available in Single Phase or Three Phase.

We offer both Modular and Monolithic architecture, allowing a tailored configuration to suit your needs. Suitable for IT applications such as server rooms and data centres offering temperature controlled, clean environments.

- AC systems
- Single and Three Phase UPS
- Modular and Monolithic UPS
- Output ratings from 1kVA to 1MVA
- Static Transfer Switches



INDUSTRIAL UPS

Our Industrial UPS is designed for critical processes such as utilities, transport or a power plant. It is also suitable for manufacturing when a break in production can be costly, and no momentary losses in power can be allowed.

They won't drop critical load and can tolerate higher temperatures and dirtier environments.

- AC and DC systems
- Single Phase and Three Phase UPS
- Switch-mode rectifiers
- Inverter systems
- Frequency converters
- Modular UPS
- Batteries
- Battery chargers



WIMES AND HARSH ENVIRONMENT UPS

Our High Ingress Protection Environmental UPS is designed to withstand the harsh demands of the industrial sectors – such as an oil rig or a water treatment substation – providing critical powering environments subject to dust, moisture and extreme temperatures.

The series is available in both Single and Three Phase, offering ingress protection (IP rating) up to IP55.

- IP rating up to IP55
- Operating temperature 0-40c
- Operating relative humidity 10-90% non-condensing
- Output ratings from 10kVA to 200kVA
- Single and Three Phase UPS

DIMENSIONS & TECHNICAL | CARTRIDGE FUSE LINK COMPARISON CHART

The table shown is for information only and YESSS Industrial can not be held liable for any information there in.

EATON'S BUSSMANN SERIES	EE-GE- BUSSMANN SERIES RED SPOT 690V	BRUSH/ HAWKER	LAWSON	MEM	FLUVENT	REYROLLE IND ACCS	EMP	OLD GEC
C180	-	PTC	PL	-	-	-	-	-
C55	D5	C55	LA	LC	-	LA	-	Y-A
C1515/C1520	D15	C1515 / C1520	LC	LC	-	LC	-	Y-B
C3030	D30	C3030	LD	LC	-	LD	-	Y-C
C4545	D4545	C4545	LK	LCS	-	LK	-	Y-K
SMD	-	-	MD	-	-	MD	-	-
KR85	RH	RH	ME	RHD	R	CSK	LE / GPE-20E	Y-D
LR85	RHL	LR71 / LR85	MF	RL	CSG	-	-	Y-L
SSD	SS	DO4	SS	SS	-	RSS	MS	-
STD	LST	D19L	LST	LS	-	RLST	MSG	-
NITD	NIT	F21	NIT	SA2	FOBX	RIT	MNG	Y-PAX / Y-QAX
NSD	NS	F06	NS	SN2	F986	RS	MN	Y-PF / Y-QF
AAO	TIA	HO7	GTIA / TIA		FOMX	RIA	MANN	Y-RA
ESD	ES	ESD	MES	SP	-	-	-	-
BAO/OSD	TIS / OS	KO7	TIS	SB4 / SO	FOSX	RIS	MARW	Y-SA
AC/BC	TB	KO8	TB	SE3 / SE4	F754/M / F754/S	RB	MARC	Y-SB
AD/BD	TBC	KO9	TBC	SF4 / SF4	F755M / F755/S	RBC	MARL	Y-SBL
CEO	TCP	L14	TCP	SD5	FO1X / F763/MX / F763/SX	RCP	ENAA	Y-TA
CD	TC	LO9	TC	SF5	FB1	RC	EAA	Y-TB
DEO	TFP	M14	TFP	SD6	F763/2X	RFP	ENA	Y-VAD
DD	TF	MO9	TF	SF6	FB2	RF	EA	Y-VB
M13	84TF	M13	84TF	SW	-	-	EAS	Y-VAS
ED	TKF	NO9	TKF	SF7	FB3	RKF	EB	Y-WB
N15	84TK	N15	84TK	SW7	-	-	EJBS	Y-WAS
ED	TMF	PO9	TMF	SF8	FB4	RMF	EBC	Y-XBD
EFS	TKM	N11	TKM	SG7	F772/3	RKM	EBL	Y-WBL
EF	TM	P11	TM	SH8	F772/4	RM	EBCL	Y-XB
P12	TMT	P12	TMT	-	F781/4	-	EBCX	Y-XBL
P20	85TM	P20	85TM	SX8	-	-	EBCH	Y-XA
FF	TTM	R11	TTM	SH9	FB6	RTM	EC	Y-YB
FG	TT	R12	TT	SY9	F781/6	-	ECW	Y-YBL / Y-ZB
R20	86TT	R20 / S20	86TT	SX9	-	-	ECH	Y-YA
GF	TLM	S11	TLM	SH10	FB6 / F851/8	RLM	EDN	Y-ZBD
GG	TLT	S12	TLT	SY10	F781/8	-	ED	Y-ZB
MJ29	JH / 96TY	MJ26 / MJ29	JHU	JW6 / JWS6	DL1-2 / DL1-3	-	1/EJA / 1S/EJA	-
MJ30/PJ30	JP / 95TP / 95TJ / 171TN	MJ27 / MJ30 / PJ30	JPU	JX6 / JX7 / JX8 / JXS6 / JXS7 / JXS8	DL2-2 / DL2-3 / DL2-4 / DL2-6	-	2/EJA / 2/EJB / 2S/EJA / 2S/EJB	-
MJ28/PJ28 / SJ28/MJ31 / PJ31/SJ31	JS / 385TJ / 386TN / 387TW	MJ28 / PJ28 / SJ28 / MJ31 / PJ31 / SJ31	JSU	JY7 / JY8 / JY10 / JYS7 / JYS8	DL3-2 / DL3-3 / DL3-4 / DL3-6 / DL3-8 / JYS10	-		-
MJ25	FHLA	MJ25	JF	-	-	-	-	-



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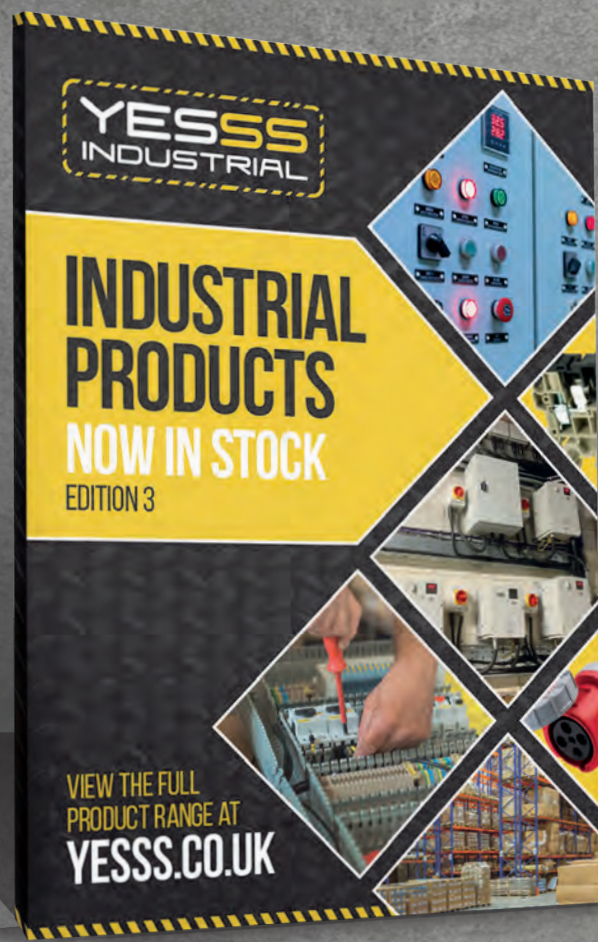
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