



Product Portfolio

OVER 130 YEARS OF ELECTRICAL EXCELLENCE



More about us...

At Dorman Smith we pride ourselves on our long and rich history throughout the last 130 years of designing and manufacturing of low voltage circuit protection equipment.

We offer product ranges from 63A SP&N Distribution boards through to bespoke CAD Designed 3200A floor standing Switchboard systems.

Dorman Smith understands the needs of both the customer and installer with expert focus on; Technical and customer support, project management, product quality and on time delivery.

The UK Head Office in Braintree is the base for our Manufacturing, Customer Service, Quality, Finance, Distribution and Supply Chain teams.

Our UK Assembly Team based in Braintree have the skills and expertise in order to build bespoke factory built assemblies; from L2 Compliant Power & Lighting Boards to multi-frame 1250A LV Switchboards complete with populated outgoing ways, metering and surge protection.

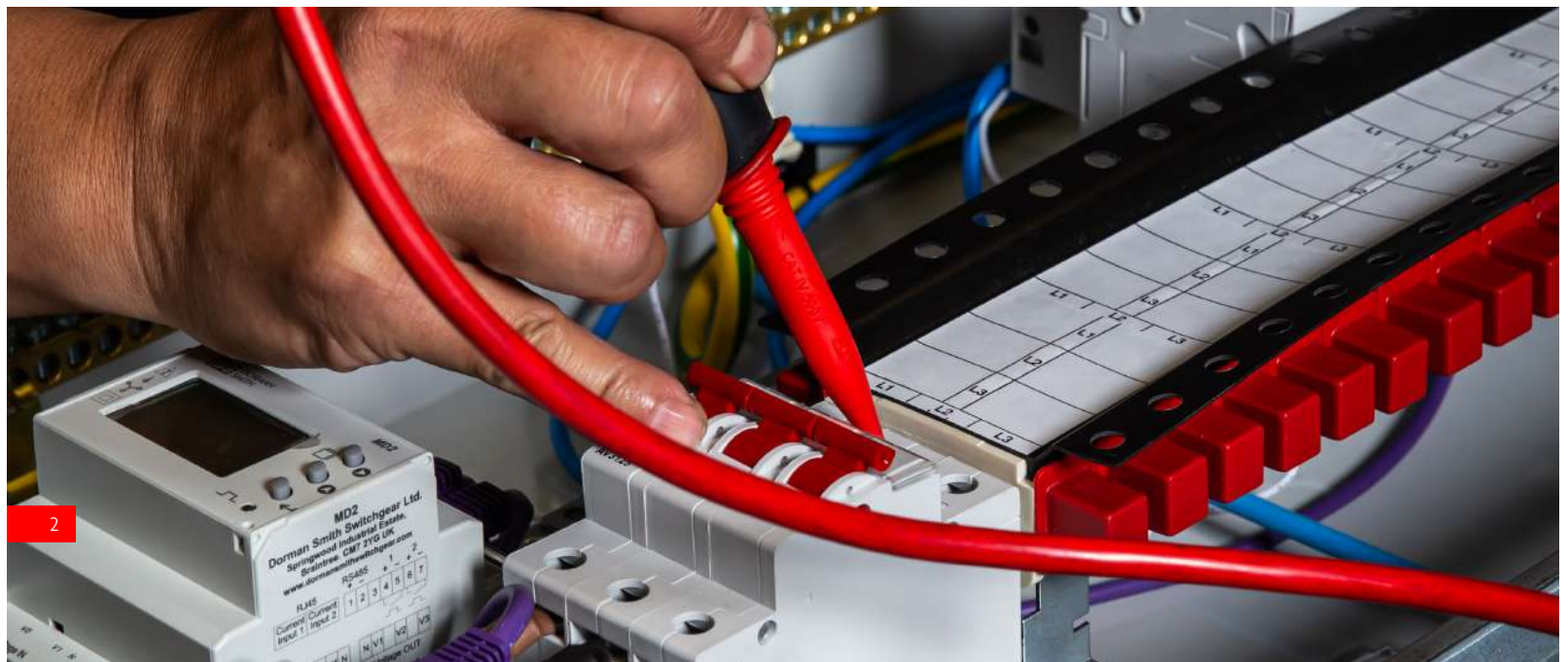


Our Preston Office is the Technical and Design centre, where we have a fantastic team with the technical knowledge to ensure your project meets the specification, current regulations and product design quality.

Using our Metal Work Fabricators in Clacton, A&R Engineering, helps us streamline our supply chain in the production of metal parts in the UK created specifically for our products.

Throughout the last few years, we have adapted and diversified with the ever changing economy that has affected every aspect of our business. Investing in employees, machinery and onshoring our products has been at the forefront of our decisions.

We want to ensure that our long held traditional values are upheld as we go into the future of Dorman Smith.



Switch boards...

Modis 12 Ultra LV Switchboards

The flexible modular concept of Modis 12 Ultra allows design and build of distribution systems that meet the exact power expectations and space limitations of individual schemes up to 1250A.

Utilising MCB, MCCB and fuse combination unit technology, Modis 12 Ultra offers an extensive range of incomers, outgoing options, busbars interconnections, service centres, MCB distribution boards and ancillary devices which are easily assembled in a variety of switchboard configurations. Systems can be a single framed Form 3 section through to complex Form 4 multi-section switchboards.

The system comprises of a 630A or 1250A central horizontal busbar system.

Metering and surge suppression can be easily included in each configuration and factory built assembly option is also available.



Modis 25/32 LV Switchboards

Our Modis LV Switchboards are available from 800A to 3200A and consist of modular frames available in a variety of widths, depths and heights.

Our bespoke ModisCAD Design systems allows our Estimating Team to provide a LV Switchboard to meet our customer's complex electrical specifications. There are infinite design possibilities and devices that can be housed are ACBs, MCCBs, Distribution boards, TVSS, Changeover and Fuse Switches in various combinations within frames.

Modis LV Switchboards can be built to a number of different floor plans; straight, corner and U Shape to name just a few.

The metalwork components for our Modis 25/32 Switchboards are 100% produced in the UK with the majority being by our in-house department.

All of our Modis LV Switchboards are built by our dedicated UK Network of Panel Builders who have decades of building expertise to offer our customers a full end-to-end service.



Distribution boards...

Loadlimiter 63 Distribution Board

With SP&N distribution boards rated at 125A and TP&N distribution boards rated at 250A with various incoming options. The Dorman Smith Loadlimiter 63 provides a cost effective and flexible distribution board system.

Factory Built Assemblies of L2 Compliant Power & Lighting boards with surge protection are available in board sizes to suit the application in a vertical or horizontal layout. Single channel, dual channel, MID and Quad Meter options available.

6kA single module AFDD/RCBO can be mounted directly into our new Loadlimiter 63 M Range Distribution Boards.

Also available are 10kA 3-module AFDD/RCBO which can be housed in service centres mounted above the distribution board.



LoadPro Consumer Units

This range features SWD and RCCB incoming version consumer units compliant with Amendment 2 of the 18th Edition.

Incoming metering and surge protection can be added via our Factory Built Assembly Team as required.

Outgoing devices are 6kA MCBs, RCBOs and single-module AFDD/RCBO devices.



Loadswitch Fuse Combination Units

All of the fuse combination units in our Loadswitch range are fully assembled and tested in our UK based factory.

The Loadswitch product range includes skeleton, housed and switch disconnectors from 32A to 800A.

With a utilisation category of AC23A and short-circuit capacity of 80kA, the Dorman Smith Loadswitch range provides the perfect solution for both resistive and inductive loads.

All of the doors on the housed fuse switch units open to 180°C for ease of access during installation.



Panel boards...

Loadbank YB1 MCCB Panel Boards

This panel board range is designed, manufactured, assembled and tested in the Dorman Smith UK Factory. The panel board range features busbar ratings of 250A and 400A, in eight panel board size options with the availability of add-on enclosures.

Outgoing devices are a single frame size utilizing the Loadline YB1 frame MCCB up to 125A which are a cost effective option for circuit protection. Complete integral surge protection and incoming metering kits offer an uncomplicated solution for the end user.

Bespoke factory built assemblies are available directly from the Dorman Smith Team.



Loadbank 200 Fuse Switch Panel Boards

This is a dedicated fuse switch panel board system with an 800A rated busbar, incoming fuse switch up to 800A and outgoing fuse switches up to 200A.

Incoming and outgoing fuse switch devices are the Loadswitch range which are assembled and tested in the Dorman Smith UK Factory.



Loadbank 250 MCCB Panel Boards

This modular system is engineered for flexibility and installation simplicity to provide a wide range of distribution solutions. With busbar ratings of 400A and 800A and outgoing MCCBs up to 250A, available in three different sizes. New integral incoming meter and surge protection kits are available for all incoming ratings.

Outgoing devices are a single frame size utilizing the Loadline YA3 / YB3 frame MCCB up to 250A. MCCB Panel boards are now available in a Form 3B Type 2 option and can accept a mix of both thermal magnetic and electronic outgoing MCCBs within the same panel board.

Outgoing metering is housed in side cableways with hinged doors for easy access and installation. Bespoke factory built assemblies are available directly from the Dorman Smith Team.



Factory built assembly...

UK Assembly

Our in-house Metalwork department has allowed us to complete a program of UK on-shoring production of metal components.

Benefits include:

- Increased UK Assembly production capacity
- Reduction in lead times
- More effective stock control
- Streamlined supply chain
- Building MCCB panel boards in the UK

Building our new Loadbank YBI MCCB Panel Board range is the beginning of the return to the traditional values of Dorman Smith by being manufactured, fully assembled and tested in our UK Factory.



Factory Built Assemblies

Our Factory Build Assembly Team based at our Braintree factory have the skills and expertise to build bespoke panels to pre-approved CAD Drawings from populated Consumer Units to 1250A Modis 12 Ultra multi-frame LV Switchboard panels with metering and surge requirements.

All bespoke panels come with our CAD Design service and technical product design knowledge as standard.

We can offer a range of metering options from multi-function, dual channel, MID and Quad metering for Tri-Load boards.

Surge Protection is available in Type I and Type II versions for all factory built assemblies. All boards are tested, certified and ready for installation on site.

Delivery direct to a UK Mainland site address can also be arranged via our dedicated UK Haulage network.

Save Time – Let Dorman Smith build the panel for you!



Circuit protection...

Circuit Protection

The Dorman Smith range of circuit protection devices includes:

- MCBs up to 63A
- RCBOs up to 45A
- AFDDs up to 40A
- RCCBs up to 100A
- ATS Units up to 400A
- Fuse switches up to 800A
- MCCBs up to 1600A
- ACBs up to 6300A

Vast range of accessories available.



Surge Protection

Dorman Smith offers Type I and Type II Surge protection devices which can be used to protect all boards, including our floor standing LV Switchboards.



Metering

Our metering range includes digital multi-function meters, single and three-phase MID meters, dual channel meters, direct connect meters and Quad Meters.

The dual load meter is a cost effective and space saving metering system designed specially to provide energy readings from two separate current transformers in split load applications for power and lighting.





Contact us...

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