

Company Profile



Engineered solutions for all
your switchboard needs



www.electricalswitchboards.com.au





About DaRa

DaRa Switchboards commenced operations in 2010, after taking over the Australian manufacturing arm of a pioneer in electrical component and switchboard manufacturing.

From an initial team of only 10 employees in 2010, our team at DaRa is now made up of more than 50 highly skilled people across a range of fields. With our staff spread across management, sales and marketing, engineering, project management, manufacturing, IT and logistics, everyone at DaRa is part of the team, and we bring that inclusiveness to our product offerings.

Each year, we at DaRa provide internship opportunities for more than 60 graduates, with our collaborative approach incorporating the latest design technology for both engineering and manufacturing.



The Future For DaRa

We have expanded to another factory and incorporated new manufacturing principles, increasing what we can offer to our clients and customers in quality, engineering and customisation capabilities.

We are one of the very few switchboard manufacturers that have in-house enclosure fabrication capabilities, and everything at DaRa is under one roof. Providing an extensive space for switchboard manufacturing was a logical choice for our company, we know the value of the customised experience.

This allows us to work closely with the customer to find a solution that meets their needs. Incorporating customer specifications - heights, spaces and applications - our engineering team are always hard at work either designing a value proposition for our customers or building the switchboards themselves. At DaRa, we provide more than just your standard switchboard.



Our Core Values

As the preferred electrical switchboard manufacturer in Australia, we are recognised for providing high-quality products to meet both electrical standards and project deadlines.

We offer consistently high service levels that distinguish us in the market, and we make it our mission to deliver the best quality custom electrical switchboards on the market.

Our custom services are offered at competitive prices, so you can choose the perfect switchboard without having to sacrifice quality for cost.

We understand the importance of the latest technology, and currently design and manufacture switchboards for clients in the mining, petrochemical, utility, solar, industrial and commercial sectors, just to name a few.

Our switchboards are also designed to effectively meet Green Star rating standards, are applicable for both internal and external use due to weather-proofing and can be designed to fit even the smallest of spaces. As we understand every client, building and project is different, we consider each customer to be as unique as the switchboards we design for them.



Our Manufacturing Plant

DaRa Switchboards operates within a 3000 m2 custom manufacturing facility in Mulgrave, Victoria and a 650 m2 express production plant and a distribution centre in Cranbourne, Victoria. Our sales, project management and manufacturing departments all operate from the same premises - ensuring we are a close and efficient team. Thanks to our close-knit work ethic and on-site facilities, we have the ability to design, engineer and create more switchboards in a shorter amount of time.

As our team is all under the same roof, you can count on our products meeting even the highest specifications. This allows us to meet the electrical requirements of a number of industries, delivering custom, high-quality switchboards that our customers know they can rely on.

Our manufacturing facility offers a range of features - including in-house sheet metal fabrication, powder coating, assembly and wiring - while our sales team is always on-hand to provide continual support from start to finish.

We at DaRa believe in building and maintaining both excellent business relationships and high-quality products, which is why our process strives to exceed clients' expectations, from the initial enquiry to delivery.

Services - Step by Step



STEP 1

Our team receive specifications and line-drawn diagrams from you.



STEP 2

Our Sales Engineers work out the optimum design - at this stage we'll work with you and advise on the best components for the application and budget.



STEP 3

Our sales team correspond with you to confirm design and pricing.



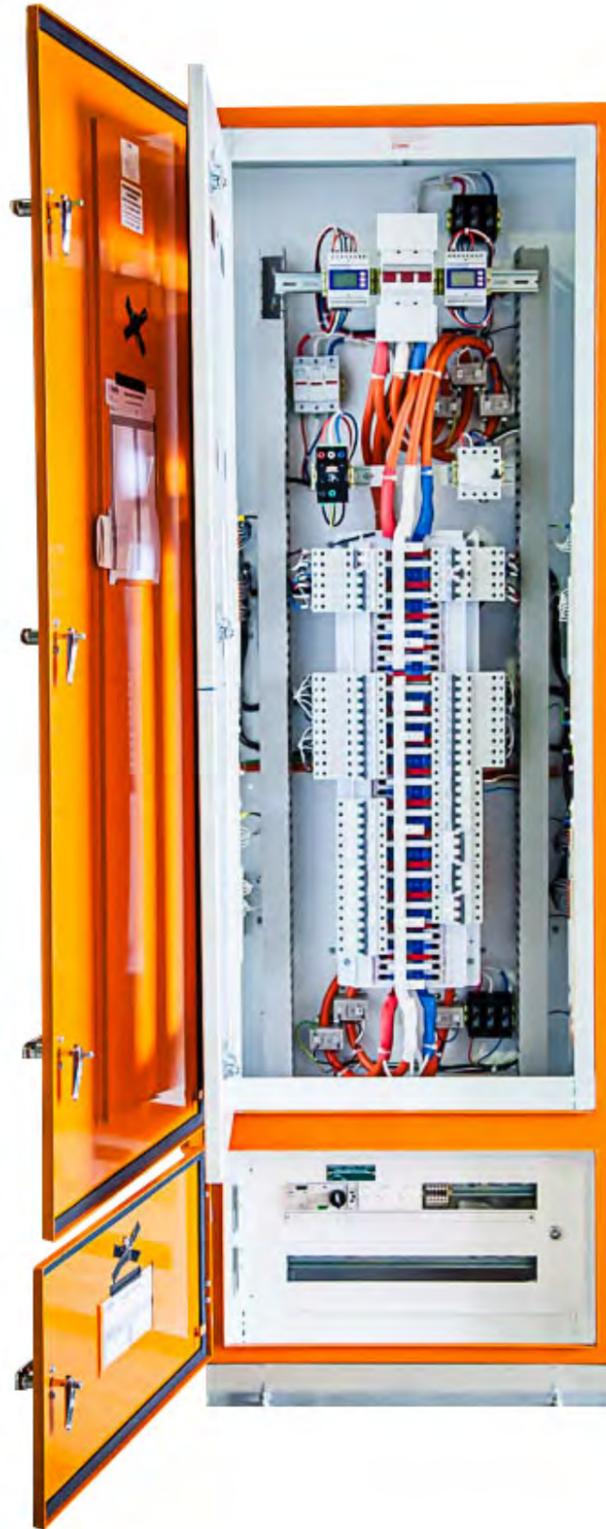
STEP 4

Once the order has been placed, our design engineers provide detailed layout designs for schematics, labeling and equipment details.



STEP 5

After you've approved the design, we'll commence the fabrication drawing. These include both machine drawings and 2D/3D workshop drawings.



STEP 6

The switchboard is manufactured.



STEP 7

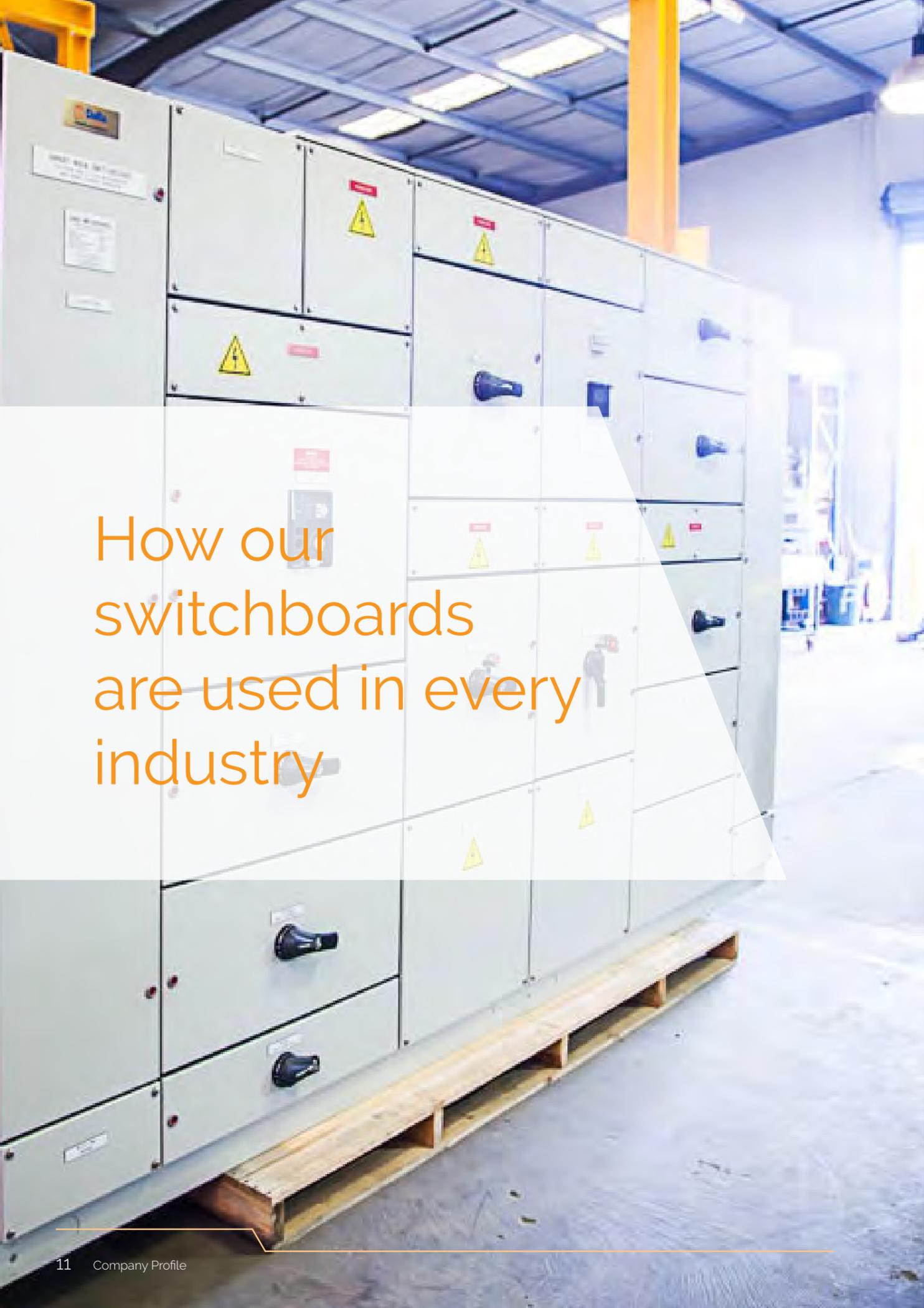
Rigorous testing is performed to ensure the switchboards comply to current AS/NZS standards. Additionally, we test the switchboard to the expectations of your project, to guarantee you'll be happy with the final product.



STEP 8

The switchboard is packed, shipped and delivered to your project destination.

All our switchboards are delivered with full design and specification documents, signed test sheets, and operational and maintenance manuals.



How our
switchboards
are used in every
industry



Residential

Our mains switchboards and group metering panels are increasingly popular for residential applications, as showcased in 2015 by their inclusion at the new seven-story, 96-unit apartment complex Quest Rockingham in Perth.

Our meter panels provide an economical and practical solution for large-scale apartment complexes, while our DaRa Synergy Load Centres (DLCs) offer an aesthetic appeal - we can shade our DLCs to an architect's colour section.



Commercial

DaRa Synergy Pillars (DSPs) include spacious cabling height and custom-made terminals to suit incoming cable sizes. Manufactured to withstand the tough Australian elements, our commercial-grade switchboards have recently been used to supply reliable power to Queens Riverside, a \$100 million food, retail, cultural and entertainment hub located in Perth.

To meet the environmental-conscious build of a community facility in Beckenham, DaRa Switchboards were chosen to help in the acquisition of a 6-Star Green Building Green Council of Australia. Including the extensive use of solar panels, the Beckenham facility achieved the 6-Star Green Star rating on its first attempt.



Industrial

Mechanical Services Switchboards (MSSBs) are manufactured at DaRa and offer a range of functionality that allows for air conditioning and other mechanical peripherals to be added. These switchboard types and other industrial switchboards have been showcased in the new \$100 million facility at Forrestdale Business Park. Housing 350 employees across the 10ha site, the state-of-the-art facility required a reliable switchboard to help the Hitachi Construction Machinery company manufacturer dump trucks, bulldozers, excavators and combine harvesters.

To meet the high power demands of the Hitachi manufacturing site, we supplied the main switchboard using a LEGRAND XL3 4000 enclosure and wiring.



Mining

Temporary power systems built for mining applications need to be robust in design and quick to manufacture. Our temporary power switchboards were recently commissioned by McConnell Dowell, who reached out to DaRa to manufacture a mining duty-grade solution. We also supplied peace of mind - our mining duty-grade temporary switchboards meet AS/NZS 3012:2010 standards for electrical installations on construction and demolition sites.

Our mining duty grade switchboards are used in many mines in Western Australia, including BHP Billiton's Nelson Point facility



Renewable Energy

DaRa Switchboards has also seen tremendous success in the renewable energy sector, with our switchboards being used in the construction of Tesla supercharger stations across Australia. Charging the electric cars in just 30 minutes required a heavy-duty switchboard design, which we at DaRa took in our stride.

In Alice Springs in the Northern Territory, we also assisted in supplying switchboards to the Uterne II solar power plant, where we designed and delivered AC electrical panels for our part in the iconic project. The solar power system is projected to generate 7,230 megawatt hours (MWh) of electricity per year - the annual consumption of nearly 850 average Alice Springs households.



Petrochemical

Our type tested custom and modular Switchboards are ideal for the petrochemical industry. Recently, our custom switchboards and Motor Control Centres (MCCs) have seen use at the BP's Port Hedland Terminal, Largs North Terminal and Broome Electrical. DaRa was also chosen to manufacture the MCCs for Puma Energy's Australian fuel import terminal in Townsville - the facility stores over 80 million litres of fuel and needed a reliable switchboard solution.

Our modular switchboard solutions can take any form, from Form 1 right up to Form 4b - designed and scaled to the requirements of your project.



Utilities



We understand the demands that are placed on energy utilities and storage facilities - in fact we've recently helped supply the switchboards for Australia's largest battery - a grid-scale storage project with a 2 megawatt battery capable of providing around 3,000 customers with an hour of back-up power in the face of emergency. Supplying energy continually during a blackout is absolutely crucial to the safety of residents and businesses alike.

Reducing stress on the grid, improving energy security and limiting maintenance costs are just three benefits that DaRa brings to an energy utility project. Our LV panels have been commissioned for substation secondary protection for CitiPower and Powercor, owner-operators of Australia's largest electricity networks. We supplied our 3200A low-voltage panels for substations in the network - improving the reliability of the network while performing essential retrofits and asset replacements.

These are just a few examples of some of the work we've done that makes DaRa proud of who we are and where we've been. When we see the success of these projects and the improvements they make on people's lives, we know we're also headed in the right direction for the future.



We at DaRa strive to deliver nothing less than perfection, which is why we consider ourselves the trusted electrical switchboard manufacturer for all industry solutions. Our switchboards are recognised for their attention to detail, quality design and delivery, and our team is highly regarded as some of the most helpful switchboard engineers today.

Don't just take our word for it though, get in touch with us today and find out for yourself. At DaRa, we bring the power to you.

DARA SWITCHBOARDS

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