



PRODUCT CATALOGUE



www.prolecelectrical.com.au



Standard Enclosures

Our range of standard enclosures are IP66 rated and come in a wide variety of sizes Starting from (H) 300 x (W) 200 x (D) 150 mm up to (H) 1200 x (W) 800 x (D) 300 mm. Our Standard material is 2mm thick #304 Stainless Steel with other materials available on request. Enclosures come with optional left or right hinged doors. Standard panel lock is 8mm square key; however alternatives can be arranged upon request. All enclosures are fitted with powder coated gear plates. Prolec can custom make any size enclosure on request, you can find a quote request form on our website.

Size mm (H x W x D)	Hinge Side	Material	ORDER CODE
300x200x150	Left	#304 S/S	E302015SS-L
300x200x150	Right	#304 S/S	E302015SS-R
300x300x150	Left	#304 S/S	E303015SS-L
300x300x150	Right	#304 S/S	E303015SS-R
300x400x150	Left	#304 S/S	E304015SS-L
300x400x150	Right	#304 S/S	E304015SS-R
300x400x200	Left	#304 S/S	E304020SS-L
300x400x200	Right	#304 S/S	E304020SS-R
400x300x150	Left	#304 S/S	E403015SS-L
400x300x150	Right	#304 S/S	E403015SS-R
400x300x200	Left	#304 S/S	E403020SS-L
400x300x200	Right	#304 S/S	E403020SS-R
400x400x200	Left	#304 S/S	E404020SS-L
400x400x200	Right	#304 S/S	E404020SS-R
500x400x200	Left	#304 S/S	E504020SS-L
500x400x200	Right	#304 S/S	E504020SS-R
500x500x200	Left	#304 S/S	E505020SS-L
500x500x200	Right	#304 S/S	E505020SS-R

Size mm (H x W x D)	Hinge Side	Material	ORDER CODE
600x400x200	Left	#304 S/S	E604020SS-L
600x400x200	Right	#304 S/S	E604020SS-R
600x400x300	Left	#304 S/S	E604030SS-L
600x400x300	Right	#304 S/S	E604030SS-R
600x600x200	Left	#304 S/S	E606020SS-L
600x600x200	Right	#304 S/S	E606020SS-R
600x600x300	Left	#304 S/S	E606030SS-L
600x600x300	Right	#304 S/S	E606030SS-R
800x600x200	Left	#304 S/S	E806020SS-L
800x600x200	Right	#304 S/S	E806020SS-R
800x600x300	Left	#304 S/S	E806030SS-L
800x600x300	Right	#304 S/S	E806030SS-R
800x800x300	Left	#304 S/S	E808030SS-L
800x800x300	Right	#304 S/S	E808030SS-R
1000x800x300	Left	#304 S/S	E1008030SS-L
1000x800x300	Right	#304 S/S	E1008030SS-R
1200x800x300	Left	#304 S/S	E1208030SS-L
1200x800x300	Right	#304 S/S	E1208030SS-R





Sloped Enclosures

Our range of sloped roof enclosures are IP66 rated and come in a wide variety of sizes Starting from (H) 300 x (W) 200 x (D) 150 mm up to (H) 1200 x (W) 800 x (D)300 mm.

Our Standard material is 2mm thick #304 Stainless Steel with other materials available on request.

Enclosures come with optional left or right hinged doors.

Standard panel lock is 8mm square key; however alternatives can be arranged upon request.

All enclosures are fitted with powder coated gear plates.

Sloped roof enclosure are typically used in out door environments to prevent dust and water from settling on the top of the cabinet.

Prolec can custom make any size enclosure on request, you can find a quote request form on our website.

Size mm (H x W x D)	Hinge Side	Material	ORDER CODE
300x200x150	Left	#304 S/S	ESR302015SS-L
300x200x150	Right	#304 S/S	ESR302015SS-R
300x300x150	Left	#304 S/S	ESR303015SS-L
300x300x150	Right	#304 S/S	ESR303015SS-R
300x400x150	Left	#304 S/S	ESR304015SS-L
300x400x150	Right	#304 S/S	ESR304015SS-R
300x400x200	Left	#304 S/S	ESR304020SS-L
300x400x200	Right	#304 S/S	ESR304020SS-R
400x400x200	Left	#304 S/S	ESR404020SS-L
400x400x200	Right	#304 S/S	ESR404020SS-R
500x400x200	Left	#304 S/S	ESR504020SS-L
500x400x200	Right	#304 S/S	ESR504020SS-R
500x500x200	Left	#304 S/S	ESR505020SS-L
500x500x200	Right	#304 S/S	ESR505020SS-R
600x400x200	Left	#304 S/S	ESR604020SS-L
600x400x200	Right	#304 S/S	ESR604020SS-R

Size mm (H x W x D)	Hinge Side	Material	ORDER CODE
600x400x300	Left	#304 S/S	ESR604030SS-L
600x400x300	Right	#304 S/S	ESR604030SS-R
600x600x200	Left	#304 S/S	ESR606020SS-L
600x600x200	Right	#304 S/S	ESR606020SS-R
600x600x300	Left	#304 S/S	ESR606030SS-L
600x600x300	Right	#304 S/S	ESR606030SS-R
800x600x200	Left	#304 S/S	ESR806020SS-L
800x600x200	Right	#304 S/S	ESR806020SS-R
800x600x300	Left	#304 S/S	ESR806030SS-L
800x600x300	Right	#304 S/S	ESR806030SS-R
800x800x300	Left	#304 S/S	ESR808030SS-L
800x800x300	Right	#304 S/S	ESR808030SS-R
1000x800x300	Left	#304 S/S	ESR1008030SS-L
1000x800x300	Right	#304 S/S	ESR1008030SS-R
1200x800x300	Left	#304 S/S	ESR1208030SS-L
1200x800x300	Right	#304 S/S	ESR1208030SS-R



www.prolecelectrical.com.au



Local Control Stations & Junction Boxes

Our range of Local Control Stations (LCS) and Junction Boxes (JB) are all handmade in our Newcastle facility using the finest quality 2mm thick #304 Stainless Steel. The LCSs come in standard sizes with 1, 2 or 3 buttons.

Custom engraving is available on request.

Our standard Junction Boxes are available in 3 sizes, see below.

Prolec can custom make any size LCS or JB on request, you can find a quote request form on our website.

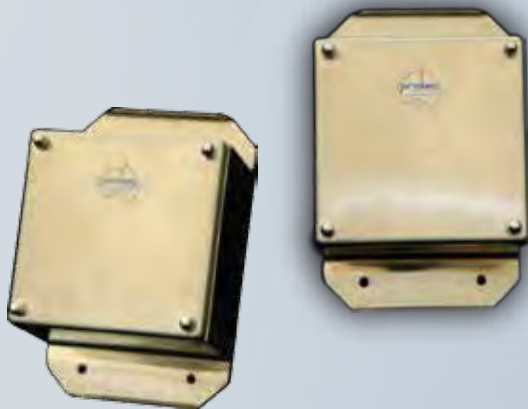
Local Control Stations

Size mm (H x W x D)	Buttons	Material	ORDER CODE
115 x 115 x 100	1	#304 S/S	LCS-1
165 x 115 x 100	2	#304 S/S	LCS-2
215 x 115 x 100	3	#304 S/S	LCS-3



Junction Boxes

Size mm (H x W x D)	Material	ORDER CODE
150x150x100	#304 S/S	J151510SS
200x200x150	#304 S/S	J202015SS
300X300X200	#304 S/S	J303020SS





Optic Fibre Junction Box

Our range of Optic Fibre Junction Boxes are IP66 Rated, they are a purpose built connection enclosure for connecting optic fibre. Optic Fibre Junction Boxes are largely used in the underground mining industry.



Enclosure Size (H x W x D)	Material	Part #
300mm x 200mm x 150mm	#304 SS	OF302015SS



Our Optic Fibre Junction Boxes are made from 2mm 304 Stainless Steel with other materials available on request.

We offer a standard size of (H) 300mm x (W)200mm x (D)150mm, However custom sizes can be produced.

The standard panel lock is 8mm square key; alternatives can be arranged if required. Our Optic Fibre Junction Box is fitted with a stainless steel

mounting plate with a user friendly connector bracket attached.

As standard the Optic Fibre Junction Box comes with 12 single or multi mode ST through connectors. Custom holes can be cut upon request.



www.prolecelectrical.com.au



Switchboards/Metering Panels

Marine Grade 316 Domestic Switchboards

Whether you live in a coastal area or just want to set yourself apart from the neighbours, our range of marine grade stainless steel metering panels are built to last. Manufactured using high quality 316 grade polished stainless steel, our metering panels will stand the test of time. Our panels can be powder coated any colour, increasing the street appeal of your most valuable asset (your family home).



Features -

- 100% Designed and manufactured in Australia · Ideal for homes and buildings in coastal areas · Marine grade 316 Stainless Steel construction · Powder coating available to suit any colour · Optional recessed circuit breaker mounting · Contact us for a complete custom design

Part #	Size (H x W x D)	Description
D-NSW	600 x 600 x 260mm	316 Stainless Steel Domestic Meter Board - NSW Standard
D-NSW-DIN	600 x 600 x 260mm	316 Stainless Steel Domestic Meter Board w/ DIN rail cutout - NSW Standard
D-QLD/VIC	685 x 485 x 275mm	316 Stainless Steel Domestic Meter Board - QLD/VIC Standard
D-QLD/VIC-DIN	685 x 485 x 275mm	316 Stainless Steel Domestic Meter Board w/ DIN rail cutout - QLD/VIC Standard
D-CUSTOM	Custom Sizes & Materials Available Upon Request	

Prolec Enclosures specialise in producing custom switchboards to suit our customers requirements. Simply supply us with drawings or the dimensions you require and we will assist you right through out the design phase, then produce a customised solution for your project.





Marine Grade Stainless Steel Domestic Switchboards



Whether you live in a coastal area or just want to set yourself apart from the neighbours, our range of marine grade stainless steel metering panels are built to last. Manufactured using high quality 316 grade polished stainless steel, our metering panels will stand the test of time. Our panels can be powder coated any colour, increasing the street appeal of your most valuable asset.

Features -

- 100% Designed and manufactured in Australia
- Ideal for homes and buildings in coastal areas
- Marine grade 316 Stainless Steel construction
- Powder coating available to suit any colour
- Optional recessed circuit breaker mounting
- Contact us for a complete custom design



www.prolecelectrical.com.au



BootPro Boot Cleaner

The BootPro is a heavy duty, ergonomic, motorized boot cleaner. It's sturdy design has been engineered to tackle the harshest conditions, manufactured out of resistant 304 stainless steel.

It has been engineered to be long-lasting and durable making it ideal for wet/wash down areas where there is a heavy build-up of dirt, mud or any type of tough grit needs to be removed.

The heavy duty three sided brushes will clean both sides and underneath the boot in one easy motion, all thanks to a powerful 400W electric motor.

The BootPro cleaning system also comes with an ergonomic handle for stability as well as a start/stop station conveniently placed for ease of operation.



Manufactured from 304
Stainless Steel



Heavy Duty Industrial
3 Sided Brushes

Part #	Description
BOOTPRO-1	BootPro Boot Cleaner

Suggested applications:

- | Mine Sites
- | Quarries
- | Industrial Work Shops
- | Agricultural Industries
- | Construction Sites
- | Smelters





Site Ready Light

Prolec have designed and manufactured an all in one vehicle lighting system for temporary site vehicles that do not wish to have permanent fixtures, this is the only plug in model on the market.

The Site Ready Light consists of multi angle vision light vehicle (LV) numbers made from site approved class 1 reflective, these LV numbers are illuminated with an internal LED light for higher visibility during night driving.

The frame is made from lightweight aluminum, powder coated black or white, and is fitted with an industrial strength magnet to secure to metallic surfaces e.g. vehicle roof. The light is also fitted with all site required extras including rotating amber beacon and reversing alarm, as well as additional reversing, brake and indicator lights.

This system is designed to plug directly into a 7-pin flat trailer plug for ease of use. The Site Ready Light is suitable for most vehicles fitted with a tow bar and auxiliary wiring.

If this product does not suit your specific application custom options are available upon request.



Custom Designs &
Colours Available



www.prolecelectrical.com.au



Electronic Key Lock Box

Custom Fabrication

Prolec Enclosures pride themselves on their capabilities to produce custom fabrications based on their customers specific requirements. Whether it be a simple size change to an enclosure or large scale project, Prolec Enclosures can produce a quality product with an impressive lead time. Prolec Enclosures can assist you with your project from start to finish including the designing process. Prolec Enclosures offer CNC profile cutting services, materials including but not limited to timber, aluminium, stainless steel, mild steel, most plastics, ceramic tiles, rubber, with other materials able to be profile cut in house that are not listed. Prolec enclosures have extensive experience using materials such as Stainless Steel 304 and 316, Aluminium, Mild Steel and Lexan.

Fabrication Services Available:

- | Folding | Welding | Cutting | Waterjet/Laser Cutting
- | Powder Coating | Painting | Polishing
- | Light/ Medium Fabrication | Pipe and Sheet Work
- | CAD Drafting



Custom Enclosure
1400mm x 500mm x 500mm
with custom cut outs
to suit customers requirements



Solar Skid for Mine Site - Hot Dipped Galvanised Steel.
with Stainless Steel Enclosures.



316 Stainless Steel Distribution Boards
Installed At Sydney Marina

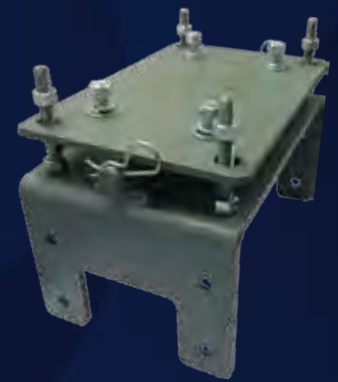




Instrumentation Density Profiling
Display stand



850x302x250mm Custom Enclosure
w/ 300x302x250mm Plinth, Stainless Steel
Swing Handle, Powder coated White,
custom computer bracket
mounted on top.



Electrical Supply Authority
Customised Camera Bracket



Coal Transfer Terminal Customer
2400x3000x600mm Slope Roof
Three Door Cabinet, 3 point Locking,
Pad-lockable Swing Handle



Powder Coated
400x400x200mm Custom Encl.



Customised Air Conditioning Duct
Cowling for Mining Drill Rig



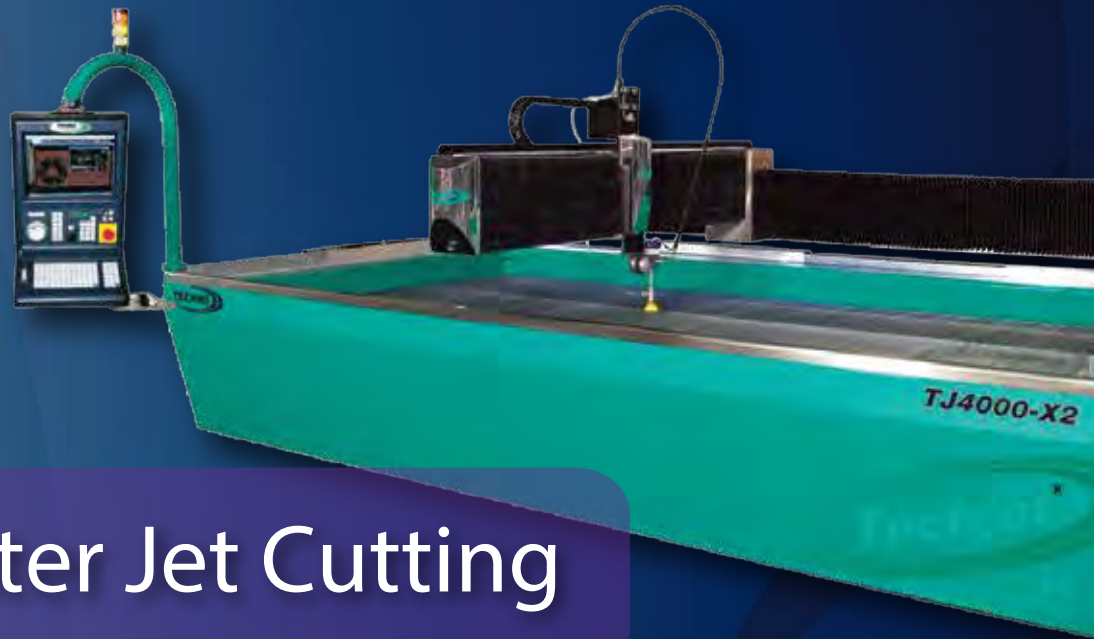
800x600x400mm Custom two door Enclosure
w/ Stainless Steel Pintel Hinges, Stainless Steel
Pad-lockable Swing Handles, Powder Coated
1000V Blue as per customer specs



Aluminum Display Stand



Instrumentation IMS Display Stand
Equipped with Functioning Water reservoir
and Automated Pump Controls



CNC Water Jet Cutting

Advantages of Water Jet Cutting

At Prolec our CNC (Computer Numerical Control) Water Jet uses a cold cutting method which means there are no heat affected zones and no hardening of the material.

This cold cutting method means that a water jet will cut virtually any material of any thickness. The process is environmentally friendly and reduces dust and hazardous gases.

The water jet cutting process has the ability to cut in any direction using Omni directional cutting and will perforate most materials without the need of a starting hole. Prolec's water jet has a five axis cutting head meaning our water jet has the capabilities to create more than just a flat profile, it can be used to create 3D objects, beveled edges and counter sunk holes in thicker materials.

Prolec's TJ400-X2 water jet has an accuracy of motion that cuts with-in +/- 0.025mm.

Water jet Applications

Glass

- Splash backs
- Shower Screens
- Laminated/Bulletproof Glass
- Stained Glass

Stone

- Custom Border Tiles
- Floor and Wall Inlays
- Kitchen and Vanity Bench tops
- Custom Stepping Stone
- Architectural Applications

Metals

- Stainless Steel
- Tool Steel
- Aluminium
- Brass
- Copper
- Titanium
- Nickel
- Alloys
- Laminates like Kevlar

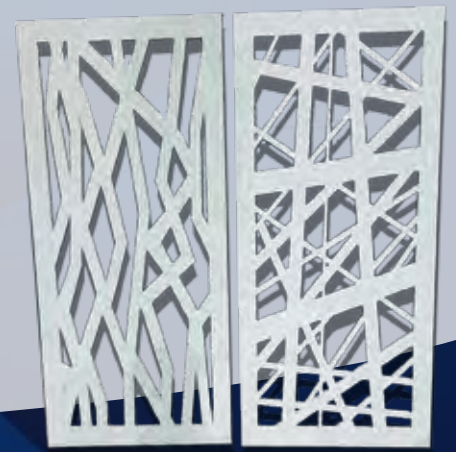
Gaskets

- Automotive
- Marine
- Small Engine
- Motorcycle
- Aircraft
- Metal
- Copper

Foam

- Custom Foam Packaging
- Sound Insulation
- Vibration Isolation
- Archery Targets

A major advantage of water jet cutting is water jet's ability to cut fiber-reinforced materials, reflective materials, uneven surfaces and stacked layers of different materials. Since the mechanical processes take place on a microscopic level, the contents and surface finish of the material are not critical factors.

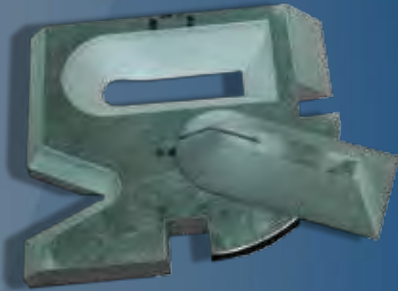




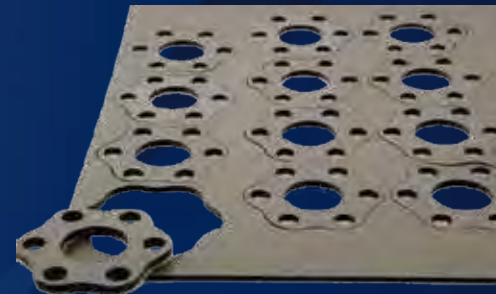
Foam



Aluminium Fan



Lexan



Rubber Gaskets

10.0mm Steel



Glass



Custom Screen

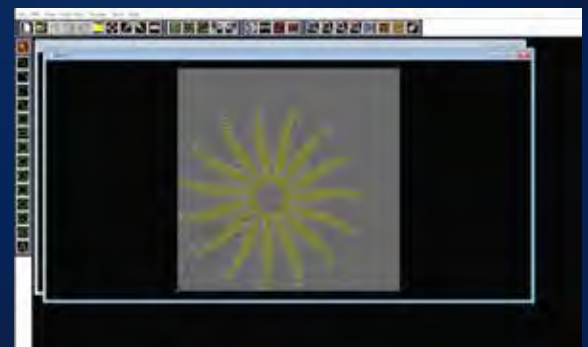


Stainless Steel Profile

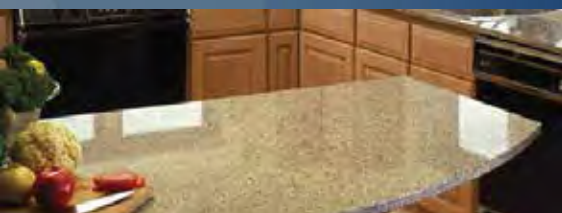


Custom Tiles

From a simple CAD drawing...



...to a 3D shape with beveled edges.



Stone Bench Tops





Vehicle Bodies

Prolec Enclosures design and fabricate custom vehicle bodies to suit your individual needs. Whether you require a fully customised vehicle body or a smaller toolbox style Prolec have the solution for you.

Prolec are also able to design internal storage including lockable draws, shelving, cupboards, etc.

With licensed auto electricians, Prolec can also supply lighting solutions throughout the vehicle

body. Lift up windows, slide windows, Lift up doors, roller doors,





Stainless Steel Industrial Mirrors



Our range of heavy duty stainless steel mirrors are designed to withstand the harshest environments. These mirrors can be used for a broad range of applications from mobile mining equipment, to fixed plant installations in corrosive environments. We can custom make a solution to suit any application so contact us to see how we can help you. Prolec chose to use mirrored stainless steel as opposed to conventional glass mirrors so our mirrors will never crack, smash or shatter.

Features -

- Mirrors will never smash
- Specially designed with Rubber backing to reduce Mirrored image vibration
- Heavy Duty 304 Stainless steel construction
- Increased safety
- Reduced machine downtime
- Optional single or double layer protective film
- Mirrors available in a variety of thicknesses



www.prolecelectrical.com.au



level 1 ISOLATORS

Heavy Duty Battery Isolators

Prolec Enclosures manufacture a range of Heavy Duty Battery Isolation Enclosures. We have 2 standard products in this range, a single switch isolator and a dual switch isolator. All standard battery isolation enclosures are fitted 'Bosch' 250A double pole master switch and pad-lockable lockout isolators.

We fabricate heavy duty battery isolation enclosures for many different applications including pump skids, bull dozer's, haul trucks, drilling rigs and many other heavy industrial vehicles, we are also happy to accommodate any custom requirements upon request.

Enclosure Size (H x W x D)	Material	Order Code
300 x 300 x 300	#304 SS	BISO303030
450 x 300 x 300	#304 SS	BISO453030



All battery isolator enclosures are fitted with heavy duty industrial gaskets to prevent un-wanted water and dirt ingress. The enclosures are designed to meet IP65 specifications. Enclosures are also fitted with stainless steel padlockable over centre latches.



Custom enclosures to suit any application.



www.prolecelectrical.com.au



level1 ISOLATORS

Level 1 Visual Break Isolators

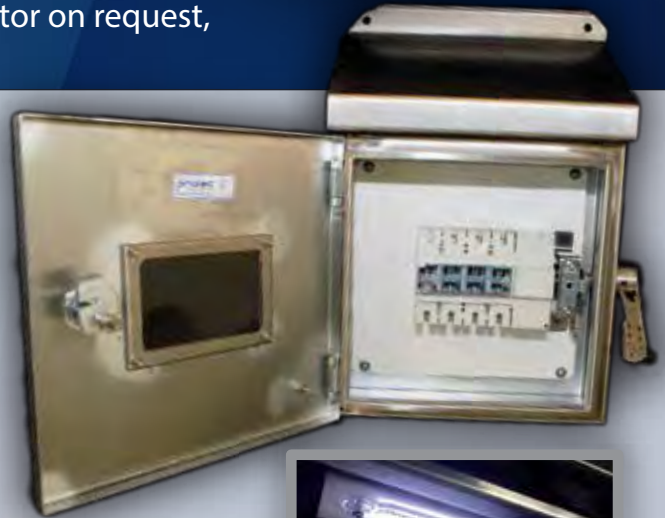
Our range of Level 1 Visual Break Isolators come in a wide variety of sizes, and ranging from 63AMP to 630AMP, larger switches available on request.

Isolators are available in 3 and 4 pole switching with AUX contact fitted.

Our Standard material is 2mm thick #304 Stainless Steel with other materials available on request.

Our enclosures are fitted as standard with specially designed stainless steel pad-lockable handles, powder coated gear plates and are fitted with a mechanical interlock fitted to the panel doors which ensures the panel door cannot be opened whilst turned on or operated while door is open.

Prolec can custom make any size Level 1 Visual Break Isolator on request, You can find a quote request form on our website.



Optional
Internal LED
lighting


Encl. Size mm (H x W x D)	Pole / Amp	Material	ORDER CODE
530 x 400 x 165	3 / 63A	#304 S/S	ISO3P-63A
530 x 400 x 165	4 / 63A	#304 S/S	ISO4P-63A
530 x 400 x 165	3 / 100A	#304 S/S	ISO3P-100A
530 x 400 x 165	4 / 100A	#304 S/S	ISO4P-100A
530 x 400 x 165	3 / 125A	#304 S/S	ISO3P-125A
530 x 400 x 165	4 / 125A	#304 S/S	ISO4P-125A
530 x 400 x 165	3 / 160A	#304 S/S	ISO3P-160A
530 x 400 x 165	4 / 160A	#304 S/S	ISO4P-160P
640 x 500 x 190	3 / 250A	#304 S/S	ISO3P-250A
640 x 500 x 190	4 / 250A	#304 S/S	ISO4P-250A
640 x 500 x 190	3 / 400A	#304 S/S	ISO3P-400A
640 x 500 x 190	4 / 400A	#304 S/S	ISO4P-400A
850 x 600 x 215	3 / 630A	#304 S/S	ISO3P-630A
850 x 600 x 215	4 / 630A	#304 S/S	ISO4P-630A
Small Internal LED Light			ISO-LED
Large Internal LED Light			ISO-LED-L






Enclosure Locks & Accessories

Prolec supplies a range of replacement locks, handles and accessories for all enclosures. We also stock replacement door seals, contact us for sizes.





8mm Square Slotted Quarter Turn Latch

Chrome Finish	Stainless Steel
PQTL8SS	PQTL8SS-SS




3 Point Cam 60mm
P3PC60




5mm Double Bit Quarter Turn Latch

Chrome Finish	Stainless Steel
PQTL5DB	PQTL5DB-SS



Rod Round With Eye 8mm Round
 PROD600 - 600mm Long
 PROD900 - 900mm Long
 PROD1200 - 1200mm Long




8mm Square Quarter Turn Latch

Chrome Finish	Stainless Steel
PQTL8S	PQTL8S-SS




Gas Struts from 100mm - 975mm
50-1500N




8mm Triangle Quarter Turn Latch

Chrome Finish	Stainless Steel
PQTL8T	PQTL8T-SS



Stainless Steel Padlockable
Swing Handle
PPLSH



7mm Square Quarter Turn Latch

Chrome Finish	Stainless Steel
PQTL7T	PQTL7T-SS



When ordering door seals please specify the size of your enclosure.





Signs & Stickers

Prolec provides a range of standard class 2 reflective safety stickers. We can also provide any custom stickers, labelling and signs for your individual needs.

We also supply our customers with custom signs using vinyl such as, Class 1 Reflective, Class 2 Reflective, Avery Vinyl, that are applied to Aluminium, Signboard, Lexan, Perspex just to name a few. Prolec also offer an engraving service that includes laser etching and paint fill engraving on various materials as well as traffolyte labels in a wide range of colours.



PSDAAP510 50x100mm
PSDAAP1014 100x140mm
PSDAAP1320 130x200mm



PSDIE510 50x100mm
PSDIE1014 100x140mm
PSDIE1320 130x200mm



PSD110V510 50x100mm
PSD110V1014 100x140mm
PSD110V1320 130x200mm



PSCH510 50x100mm
PSCH1014 100x140mm
PSCH1320 130x200mm



PSDHV510 50x100mm
PSDHV1014 100x140mm
PSDHV1320 130x200mm

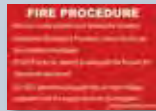


PSES510 50x100mm
PSES1014 100x140mm
PSES1320 130x200mm

Traffolyte Labels - Colours Available
Black on Yellow, White on Red, White on Black,
White on Blue, Black on White, Red on White,
Blue on White, White on Green



PSDLPB510 50x100mm
PSDLPB1014 100x140mm
PSDLPB1320 130x200mm



PSFP510 50x100mm
PSFP1014 100x140mm
PSFP1320 130x200mm



Paint Fill Engraving



PSD240V510 50x100mm
PSD240V1014 100x140mm
PSD240V1320 130x200mm



PSRES1320 130x200mm



Laser Etching



PSD415V510 50x100mm
PSD415V1014 100x140mm
PSD415V1320 130x200mm

NOW AVAILABLE

ELECTRICIANS PACK PSEP110 10 of each sticker type

- 10 @ 50x100mm "Emergency Stop" Stickers
- 10 @ 50x100mm "Caution Electric Shock Hazard" Stickers
- 10 @ 50x100mm "Danger Access by Authorised Personnel Only" Stickers
- 10 @ 50x100mm "Danger Live Parts Behind Cover" Stickers
- 10 @ 50x100mm "Danger 110 Volts" Stickers
- 10 @ 50x100mm "Danger 240 Volts" Stickers
- 10 @ 50x100mm "Danger 415Volts" Stickers
- 10 @ 50x100mm "Danger Isolate Elsewhere Before Removing Cover" Stickers
- 10 @ 50x100mm "Danger High Voltage Unauthorised Personnel Keep Out" Stickers
- 10 @ 100x140mm "Fire Procedure" Stickers
- 10 @ 130x200mm "Rescue from Electric Shock" Stickers



Custom Class 1 Reflective Sign
on 1.6mm Aluminium





Our Enclosures are handmade in our Newcastle facility
using only the finest quality Stainless Steel.

At Prolec Enclosures we strive to meet your needs and guarantee all of our products.
If you are not 100% satisfied with your enclosures, we will replace them free of charge.*

*Conditions Apply



Ph 02 4964 9660 Fax 02 4964 9661

335 Tomago Road, Tomago, NSW, 2322

admin@prolecelectrical.com.au

www.prolecelectrical.com.au