



ENCLOSURES
MICRO-DRIVES
COMPONENTS

POWER INDUSTRY UTILITIES

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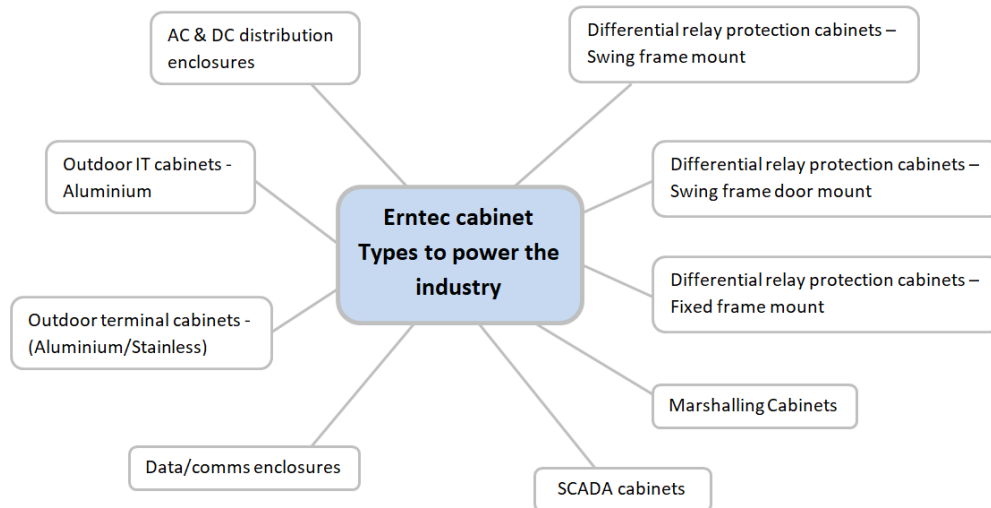
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About Erntec

What does ERNTEC do?

- We design and manufacture high quality enclosure solutions.
- We import and distribute a range of quality products including small enclosures, motors and components.



ERNTEC in Summary

- Australian owned and operated.
- High standard local manufacturing.
- Save time and after sales costs through our value-added solutions.
- Ability to deliver custom designs and prototypes in short lead times.
- Flexibility in manufacture and supply.
- Solid engineering support.
- Value-added services i.e. 3D modelling and enclosure component integration.
- High quality with added flexibility of design.
- Customer focused company culture.
- A passion for excellence.

SE Modular System Application



Erntec Large Manufactured Enclosures

- Solutions for wide range of industries.
 - Electrical & Industrial.
 - Telecommunications.
 - Defence.
 - IT computer and scientific.
 - Power & Energy.
 - Data & Cabling.
- Flexibility.
 - Fully assembled solutions.
 - Wide range of options (e.g. raised roofs and casters, clear front door polycarbonate insert).
- Equipment integration & fit-outs (eg. cooling, PSU, PDU).
- Powder coat in wide range of standard colours.
- Wide range of accessories.
- 19"/21"/23" Modular solutions.
 - Heavy duty galvanised SE frame flexible in 25mm grid increments.
 - Compliant with DIN 41 488, IEC 60 297-1 and 2, IEC 60 917.
 - IP rating up to 54.
 - Contact protection in accordance with VDE 0160.



Manufacturing facilities

- Fabrication of high quality steel, stainless steel and aluminium enclosures.

- CNC guillotining, turret punching and brake press forming.
- Micro CNC machining centre.
- Welding.
- Riveting and nutserting.
- Deburring.
- Powder coating.
- Digital printing with UV cured ink.
- Manufactured to fine tolerances.
- Assembly.

Modular SE Cubicle

The standard SE cubicle system together with the expansion and accessory programme offers full flexibility to satisfy requirements now, and into the future. The modular design allows the ability to reconstruct, change or add to the cubicles as needs evolve.

SE cubicles consist of a frame, panelling and various individual parts and are secured with unique screw fasteners. The frame consists of galvanised steel profiles interconnected by corner connectors and fishplates (gussets). The profiles have either one or two mounting flanges with the system perforations, and an additional row of holes for securing the panelling. The profiles can be mounted as standard in all three coordinates.

When a door is used, profiles with only one flange can be fitted to increase the free installation dimensions of the cubicle. Most doors are of symmetrical design and can therefore be hinged either at the left or right. Doors with padlockable handles are not symmetrical due to the handle cut-outs. Depending on the application requirement, doors can be fitted with seal, up to IP54 specifications and in the case of EMI/RFI conductive strips on masked powder coat areas are used.

The side, rear, roof and base panels are of identical design. All external edges are folded, leaving a smooth edge and neat finish, and they are secured to the frame by means of a unique thread forming screw. A cutting ring in the head of the screw facilitates earthing of panel to frame. No need for an earth strap.

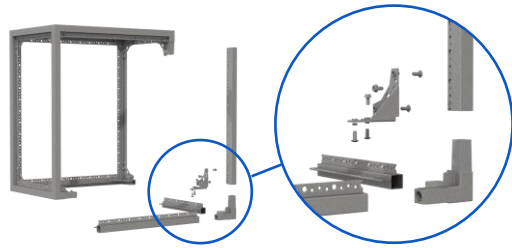
Removable parts, for example the 19" rack support, the hinged frames, u-struts are mounted in the system grid by means of self-threading screws. Accessory parts such as shelves, filters, fans, etc. can be fitted at any time.

The cubicle is ready to be fitted with seals to give protection against foreign bodies (IP) such as dust and water, and can be setup with gaskets for electro-magnetic field disturbance (EMI/RFI).

Technical Data

Dimensions	DIN 41488, IEC 60297-1 and 2, IEC 60917
Grid Dimension	25mm grid
Material	Profiles – galvanised steel Doors and panels – zinc seal steel Gussets and internal – zinc plated steel Corner connector – aluminium
Paint Finish	Powder coat
Protection Class	DIN 40050, IEC 144
Ingress Protection	IP 40 – cubicles without seals IP 54 – cubicles with seal
Earthing	Panels – earthed to frame via screw with unique cutting ring Internal fittings – earthed via self-threading screws Door – earthed via earth strap

Modular SE Components and Construction



The Frame

The profiles are made from rolled galvanised sheet steel, ensuring optimal corrosion protection. Plug-in corner elements made of die-cast aluminium provide a stable connection. Gussets complete the frame and ensure that the size of the frame is set to exact measurements.

Sizes

Frames can be constructed from 250mm up to 2400mm square in increments of 50mm. Intermediate profiles can be used to divide the cabinet frame into smaller sections as required. The frame accommodates cladding and internal fittings as required. These parts attach to the flanges of the frame via self-tapping screws on the 25mm grid, providing simple and fast assembly and electrically conductive connections.



Joiner Kit

Frames can be bayed together and arranged to suit your requirements and can be connected by way of a joiner kit. A spacer is placed between the profiles, then the frames are secured by nut and bolt through the spacer, anchoring the frames together.



U-struts

Made from 3mm steel, U-struts can be used for mounting 19" supports, cable trays, ducts etc. in a 25mm grid. U-struts are fixed to the profiles via self-threading screws.



Fixture

Cabinets can be bolted down to the floor or substructure through the gusset or a plinth. Wall brackets are supplied with some cabinets to provide extra stability, connecting to the top rear corner elements of the cabinet frame. Shallow cabinets and swing frame cabinets in particular require secure wall fixtures.

Transport brackets

Sets of 4 brackets and M12 bolts are available to screw into the top corner elements of the frame. Multi-bayed cabinets can utilise a lifting frame as required.



Cabinet Construction

Doors, side panels, roof panels, gland plates, gear panel, plinths, u-struts, equipment mounting rails, etc. can be assembled to the frame to complete the cabinet. IP seals or RFI-shielding can also be optioned. Venting, heating and cooling with thermostat switches can be included for thermally sensitive equipment. There is a large range of standard powder coat colours to choose from.

Welded Cabinet Construction

Welded cabinets are typically used in outdoor applications for greater weather protection and where higher IP rating is required. The material of outdoor cabinets is typically aluminium or stainless steel due to the good corrosion resistant properties of these materials.

Aluminium cabinets are inherently lighter in construction than steel cabinets, which is beneficial for certain applications. Steel is a stronger material, which may be more of a concern in particular applications. Erntec welded cabinets are supplied with internal mounting facilities ready for equipment and electrical fitouts. Various options are available for internal mounting.

Mounting facilities can be provided via unistrut, gear plate or custom designed brackets. Other features that can be provided include escutcheon panels, louvres with mesh cover, gland plates, earth bars, sunshade panels, cooling either by fan venting or air conditioner. Earthing is provided via earth studs and earth straps.

Powder Coat Colour Options

Erntec metal enclosures, including the SE cubicles and welded cabinets, can be powder coated in a range of standard colours. Below is a list of the powder coat colours readily available. If you require a colour other than what is listed below, please contact an Erntec Sales Representative to discuss your requirements.

COLOUR DESCRIPTION	BASE COLOUR
Gypsy Beige, Ripple	Beige
Rivergum Beige, Gloss, P1016358	Beige
Black Satin, Colourbond Night Sky, 272-19268	Black
Black, Ripple, P1003729	Black
Sahara Ebony Black, P1003280	Black
Wizard Blue, P1016363	Blue
Canola Cream, Gloss, Smooth, 272-81796	Cream
APO Grey, Ripple, P1003709	Grey
Light Grey, Ripple, RAL7035, P1003711	Grey
Oyster Grey, RAL 7035, Smooth, P1003720	Grey
Grey, Ripple, RAL7032, P1003717	Grey
White Gloss, P1003259	White

Cabinets and Panels


Erntec have been supplying equipment housing solutions to the power industry for many years. Being an Australian company with local manufacturing facilities, we are available to work with our customers to find the right solution.


Through our work with the power industry we have developed a range of products that fill a need for high quality, cost-effective, customisable housings. We keep stock of common parts, which helps keep our lead-time as short as possible.


Erntec has a large range of cabinets and panels to suit a variety of applications. Internal fitouts can be added, comprising of subracks, mount plates and blanking plates. Choose from the wide range of standard powder coat colours to suit your requirement.

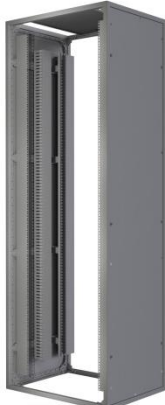
If you have a housing design that is not covered in this document, or if you require further information on any of the listed products, please contact sales@erntec.net to discuss your specific need. Erntec can supply custom designed enclosures for the most complex requirements.

Relay Protection Cabinets


CABINET, 2300 x 800 x 600MM, 19 INCH, 48RU		PART NUMBER 3504001
HxWxD	2300 x 800 x 600 (mm)	
PROTECTION	NA	
CONSTRUCTION	Modular SE	
MASS	92 (kg)	
BOLT DOWN TYPE	Gusset	
FEATURES INCLUDES	SE frame, front 19 Inch x 48RU equipment mounting rails, side joiner panels, cable entry top panel, ducts, DIN rail, earth bar, light.	

CABINET, 2300 x 800 x 600MM, 19 INCH, 48RU, (WITHOUT LIGHT)		PART NUMBER 3517505
HxWxD	2300 x 800 x 600 (mm)	
PROTECTION	NA	
CONSTRUCTION	Modular SE	
MASS	91 (kg)	
BOLT DOWN TYPE	Gusset	
FEATURES INCLUDES	SE frame, front 19 Inch x 48RU equipment mounting rails, side joiner panels, cable entry top panel, ducts, DIN rail, earth bar.	


CABINET, 2300 x 800 x 600MM, 23 INCH, 48RU		PART NUMBER 3506739
H x W x D	2300 x 800 x 600 (mm)	
PROTECTION	NA	
CONSTRUCTION	Modular SE	
MASS	89 (kg)	
BOLT DOWN TYPE	Gusset	
FEATURES INCLUDES	SE frame, front 23 Inch x 48RU equipment mounting rails, side joiner panels, cable entry top panel, ducts, DIN rail, earth bar, light.	

CABINET, 2300 x 800 x 600MM, 23 INCH, 48RU, (WITHOUT LIGHT)		PART NUMBER 3517506
H x W x D	2300 x 800 x 600 (mm)	
PROTECTION	NA	
CONSTRUCTION	Modular SE	
MASS	89 (kg)	
BOLT DOWN TYPE	Gusset	
FEATURES INCLUDES	SE frame, front 23 Inch x 48RU equipment mounting rails, side joiner panels, cable entry top panel, ducts, DIN rail, earth bar.	


AC Distribution Cabinet


CABINET, 2200 x 700 x 400MM INCLUDING 100MM PLINTH, WITH FOUR COMPARTMENTS		PART NUMBER 2234014
H x W x D	2200 x 700 x 400 (mm)	
PROTECTION	NA	
CONSTRUCTION	Modular SE	
MASS	175 (kg)	
BOLT DOWN TYPE	Folded Plinth	
FEATURES INCLUDES	Separated into 4 compartments with gear panels. SE frame, side panels, rear panels, bottom panel with gland plate, top panel with gland plate, 3 separator shelf panels, 3 front doors, front panel, plinth, -ducts, DIN, earth bar.	

DC Distribution Cabinets


CABINET, 2300 x 800 x 650MM, INCLUDING 100MM PLINTH, WITH THREE COMPARTMENTS		PART NUMBER 3512573
H x W x D	2300 x 800 x 650 (mm)	
PROTECTION	IP54	
CONSTRUCTION	Modular SE	
MASS	231 (kg)	
BOLT DOWN TYPE	Folded Plinth	
FEATURES INCLUDES	SE frame, front door, side panels, rear panel, top panel with gland plate, bottom cable entry panel, plinth, gear panels, hinged escutcheon panels, separation panels, cable tray.	

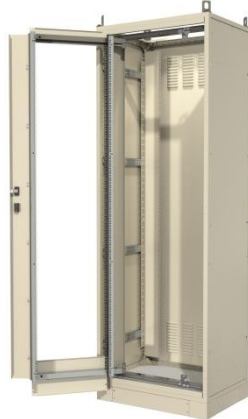
SCADA Cabinets

CABINET, 2300 x 600 x 600MM, 19 INCH, 48RU		PART NUMBER 3513688
H x W x D	2300 x 600 x 600 (mm)	
PROTECTION	NA	
CONSTRUCTION	Modular SE	
MASS	120 (kg)	
BOLT DOWN TYPE	Gusset	
FEATURES INCLUDES	SE frame, 19 Inch x 48RU equipment mounting rails front and rear, front and rear doors with keyed L-handle, side joiner panels, cable entry top panel, earth bar, light.	


CABINET, 2400 x 800 x 800MM, INCLUDING 100MM PLINTH, 19 INCH, 48RU		PART NUMBER 3517541
H x W x D	2400 x 800 x 800 (mm)	
PROTECTION	IP54	
CONSTRUCTION	Modular SE	
MASS	146 (kg)	
BOLT DOWN TYPE	Folded Plinth	
FEATURES INCLUDES	SE frame, front 19 Inch x 48RU equipment mounting rails, front and rear doors (front with polycarbonate window) and 3pt locking swing handle, side joiner panels, top panel with gland plate, bottom panel with gland plate, 100mm plinth, ducts, DIN rails, earth bar, light, joiner kit.	

Swing Frame Cabinets


CABINET, 2100 x 800 x 800 WITH 100MM PLINTH AND 40RU SWING FRAME	PART NUMBER 3510540
<p>H x W x D 2100 x 800 x 800 (mm)</p> <p>PROTECTION IP54</p> <p>CONSTRUCTION Modular SE</p> <p>MASS 157 (kg)</p> <p>BOLT DOWN TYPE Folded Plinth and Wall Mount</p> <p>FEATURES INCLUDES SE frame, swing frame with 19 Inch x 40RU equipment mounting rails, door with window, top panel, rear panel, side joiner panels, bottom panel with gland plate, plinth 100mm high, wall attachment bracket, transport brackets, light, u-struts.</p> <p>NOTE: Must be bolted down or attached to a wall to avoid tipping due to shifting load from opening swing frame.</p>	


CABINET, 19 INCH X 46RU SWING FRAME, 21 INCH X 48RU REAR RAILS, 2400 x 800 x 600MM, INCLUDING 100MM PLINTH	PART NUMBER 3507795
<p>H x W x D 2400 x 800 x 600 (mm)</p> <p>PROTECTION NA</p> <p>CONSTRUCTION Modular SE</p> <p>MASS 155 (kg)</p> <p>BOLT DOWN TYPE Folded Plinth (rear panel has louvres-no wall mount)</p> <p>FEATURES INCLUDES SE frame, swing frame with 19 Inch x 46RU equipment mounting rails, 21 Inch x 48RU rear rails, side joiner panels, bottom panels, plinth, rear panel with reverse louvres, swing frame filler kit, transport brackets.</p> <p>NOTE: Must be bolted down or attached to a wall to avoid tipping due to shifting load from opening swing frame.</p>	

Swing Frame Door Cabinet


CABINET, 19 INCH X 48RU SWING FRAME DOOR, 2400 x 800 x 800MM, INCLUDING 60MM PLINTH	PART NUMBER 2235207
<p>H x W x D 2400 x 800 x 800 (mm)</p> <p>PROTECTION IP31 with fitout</p> <p>CONSTRUCTION Modular SE</p> <p>MASS 165 (kg)</p> <p>BOLT DOWN TYPE Folded Plinth and Wall Mount</p> <p>FEATURES INCLUDES SE frame, swing frame door with 19 Inch x 48RU equipment mounting rails, side panels, rear panel, bottom panel with aluminium gland plate, top panel with aluminium gland plate, wall mount bracket, light, earth bar, ducts, plinth.</p> <p>NOTE: Must be bolted down or attached to a wall to avoid tipping due to shifting load from opening swing frame.</p>	


Double Hinged Swing Frame Cabinet


CABINET, SE, 2300 x 800 x 600 INCLUDING 100MM PLINTH, WITH DOUBLE HINGED SWING FRAME		PART NUMBER 3516535 (HAS FITOUT)
HxWxD	2300 x 800 x 600 (mm)	
PROTECTION	IP31 with fitout	
CONSTRUCTION	Modular SE	
MASS	162 (kg)	
BOLT DOWN TYPE	Folded Plinth	
FEATURES INCLUDES	SE frame, double hinged wing frame 19 Inch x 44RU, side panels, rear panel, top panel, bottom panel with gland plate, gear panel, plinth, eye bolts. NOTE: Must be bolted down or bolted down or attached to a wall to avoid tipping due to shifting load from opening swing frame.	

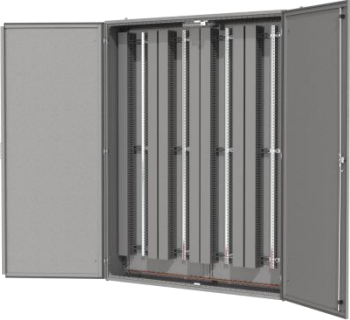
CABINET, SE, 2200 x 800 x 800 INCLUDING 100MM PLINTH, WITH DOUBLE HINGED SWING FRAME		PART NUMBER 3516694 (HAS FITOUT)
HxWxD	2200 x 800 x 800 (mm)	
PROTECTION	IP31 with fitout	
CONSTRUCTION	Modular SE	
MASS	254 (kg)	
BOLT DOWN TYPE	Folded Plinth	
FEATURES INCLUDES	SE frame, double hinged swing frame 19 Inch x 42RU, front door with polycarbonate window, side panels, rear panel, top panel with gland plate, bottom panel with gland plate, side gear panels, plinth, DIN rails, ducts, light, eye bolts, document holder. NOTE: Must be bolted down or attached to a wall to avoid tipping due to shifting load from opening swing frame.	

Indoor Interface Termination Cabinets


CABINET, ITC, 2-STRIP, 2000 x 1200 x 300MM		PART NUMBER 3509820
HxWxD	2000 x 1200 x 300 (mm)	
PROTECTION	IP20	
CONSTRUCTION	Modular SE	
MASS	141 (kg)	
BOLT DOWN TYPE	Gusset and Wall Mount	
FEATURES INCLUDES	SE frame, double door, padlockable handle, side panels, top panel, bottom panels, rear panel, busbar, DIN rails x 2 strips, ducts, wall anchor brackets, cable tray, light, (no terminals).	

CABINET, ITC, 2-STRIP, 1900 x 900 x 300MM		PART NUMBER 3519171
H x W x D	1900 x 900 x 300 (mm)	
PROTECTION	IP52	
CONSTRUCTION	Modular SE	
MASS	104 (kg)	
BOLT DOWN TYPE	Gusset and Wall Mount	
FEATURES INCLUDES	SE frame, double door, padlockable handle, side panels, top gland panels, bottom gland panels, rear panel, busbar, DIN rails x 2 strips, ducts, wall anchor brackets, light, (no terminals).	


CABINET, ITC, 3-STRIP, 2100 x 1100 x 300MM		PART NUMBER 3510126
H x W x D	2100 x 1100 x 300 (mm)	
PROTECTION	IP52	
CONSTRUCTION	Modular SE	
MASS	131 (kg)	
BOLT DOWN TYPE	Gusset and Wall Mount	
FEATURES INCLUDES	SE frame, double door, padlockable handle, side panels, top panel, bottom panels, rear panel, busbar, DIN rails x 3 strips, ducts, wall anchor brackets, light, (no terminals).	

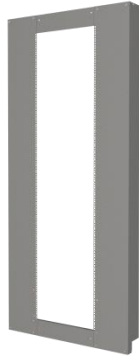
CABINET, ITC, 4-STRIP, 2300 x 1800 x 300MM		PART NUMBER 3509597
H x W x D	2300 x 1800 x 300 (mm)	
PROTECTION	IP52	
CONSTRUCTION	Modular SE	
MASS	183 (kg)	
BOLT DOWN TYPE	Gusset and Wall Mount	
FEATURES INCLUDES	SE frame, double door, padlockable handle, side panels, top panel, bottom panels, rear panels, busbar, DIN rails x 4 strips, ducts, wall anchor brackets, light, (no terminals).	

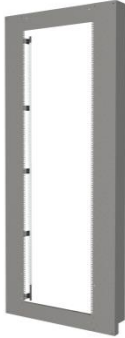
Outdoor Interface Termination Cabinets

CABINET, WELDED ALUMINIUM, ITC, 4-STRIP, 2430 x 1800 x 300MM		PART NUMBER 3512586
HxWxD	2430 x 1800 x 300 (mm)	
PROTECTION	IP54	
CONSTRUCTION	Welded Aluminium Cabinet	
MASS	136 (kg)	
BOLT DOWN TYPE	Welded Plinth and Wall Mount	
FEATURES INCLUDES	Cabinet body weld assembly, double door, padlockable handle and door stays, bottom gland plate, plinth, busbar, DIN rails x 4 strips, ducts, wall anchor brackets, light, (no terminals).	


Insert Panels


PANEL, SF, 19 INCH x 48RU, 2286 x 605MM		PART NUMBER 3505998
HxWxD	2285.8 x 605 x 35 (mm)	
PROTECTION	NA	
CONSTRUCTION	Sheet metal construction	
MASS	23 (kg)	
BOLT DOWN TYPE	Fix to existing structural frames	
FEATURES INCLUDES	19 Inch x 48RU equipment mounting rails, retrofit for existing framework. Welded sheet metal construction, ducts and DIN rails mount on supplied brackets. (Depth does not include duct, DIN, and brackets).	

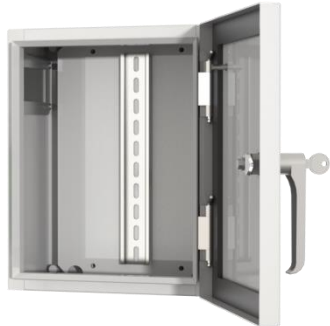
INSERT, DUCT WIRED PANEL, 19 INCH, 44RU, 2190 x 956MM		PART NUMBER 3504619
HxWxD	2190 x 956 x 150 (mm)	
PROTECTION	NA	
CONSTRUCTION	Sheet metal construction	
MASS	62 (kg)	
BOLT DOWN TYPE	Fix to existing structural frames	
FEATURES INCLUDES	19 Inch x 44RU equipment mounting rails, retrofit for existing framework. Sheet metal construction, ducts and DIN rails mount on supplied brackets. (Depth does not include duct, DIN, and brackets).	


INSERT, DUCT WIRED PANEL, 23 INCH, 44RU, 2190 x 912MM	PART NUMBER 3507117
<p>H x W x D 2190 x 912 x 150 (mm)</p> <p>PROTECTION NA</p> <p>CONSTRUCTION Sheet metal construction</p> <p>MASS 54 (kg)</p> <p>BOLT DOWN TYPE Fix to existing structural frames</p> <p>FEATURES INCLUDES 23 Inch x 44RU equipment mounting rails, retrofit for existing framework. Sheet metal construction, DIN rails mount on supplied brackets. (Depth does not include DIN and brackets).</p>	


Yard Boxes


ALUMINIUM WELDED CABINET, 1220 x 600 x 600MM, INCLUDING 300MM PLINTH	PART NUMBER 2229445
<p>H x W x D 1220 x 600 x 600 (mm)</p> <p>PROTECTION IP23</p> <p>CONSTRUCTION Welded Aluminium Cabinet</p> <p>MASS 41 (kg)</p> <p>BOLT DOWN TYPE Plinth with removable panel</p> <p>FEATURES INCLUDES Cabinet body weld assembly, front and rear 3pt locking padlockable doors with door stay and document holder, 19 Inch x 18RU equipment mounting rails front and rear, gland plate in bottom panel, louvered side panels with internal mesh covers, plinth with access panel.</p>	


ALUMINIUM WELDED CABINET, 1200 x 500 x 490MM	PART NUMBER 2234319
<p>H x W x D 1200 x 500 x 490 (mm)</p> <p>PROTECTION IP10</p> <p>CONSTRUCTION Welded Aluminium Cabinet</p> <p>MASS 29 (kg)</p> <p>BOLT DOWN TYPE Wall Mount (key holes in rear panes)</p> <p>FEATURES INCLUDES Cabinet body weld assembly, front door with 3pt lock and padlockable handle, gear panel, weather strip, bottom small door, gear panel.</p>	

STAINLESS STEEL COMPACT WELDED CABINET, 300 x 250 x 150MM		PART NUMBER 3507179
H x W x D	300 x 250 x 150 (mm)	
PROTECTION	IP23	
CONSTRUCTION	Welded Stainless Steel Cabinet	
MASS	6.5 (kg)	
BOLT DOWN TYPE	Wall Mount Brackets (optional)	
FEATURES INCLUDES	Cabinet body weld assembly, front door with keyed single point lock, louvres in side panels with internal mesh covers, mounting plate in rear of cabinet with central DIN rail, wall mount brackets.	

ALUMINIUM WELDED CABINET, 1200 x 800 x 300MM		PART NUMBER 3512876
H x W x D	1200 x 800 x 300 (mm)	
PROTECTION	IP54	
CONSTRUCTION	Welded Aluminium Cabinet	
MASS	52 (kg)	
BOLT DOWN TYPE	Wall Mount (key holes in rear panes)	
FEATURES INCLUDES	Cabinet body weld assembly, front door with padlockable handle, gear panel, hinged escutcheon panel, louvers in side panels with internal mesh covers, top gland panel.	

ALUMINIUM WELDED CABINET, 1200 x 800 x 300MM		PART NUMBER 3521099
H x W x D	1200 x 800 x 300 (mm)	
PROTECTION	IP54	
CONSTRUCTION	Welded Aluminium Cabinet	
MASS	52 (kg)	
BOLT DOWN TYPE	Wall Mount (key holes in rear panes)	
FEATURES INCLUDES	Cabinet body weld assembly, front door with padlockable handle, gear panel, hinged escutcheon panel, ducts, DIN rails, louvers in side panels with internal mesh covers, top gland panel.	

CABINET, STAINLESS STEEL, WITH HEAT SHIELDS, 1800 x 800 x 600MM INCLUDING 200MM PLINTH		PART NUMBER 3507919
H x W x D	1800 x 800 x 600 (mm)	
PROTECTION	IP23	
CONSTRUCTION	Welded Stainless Steel Cabinet, with sun shields	
MASS	200 (kg)	
BOLT DOWN TYPE	Folded Plinth	
FEATURES INCLUDES	Cabinet body weld assembly with louvres and internal mesh covers, 19 Inch x 34RU equipment mounting rails front and rear, dual skin front and rear doors with padlockable 3pt handle and door stay, side heat shield, top heat shield, bottom gland plate, light, GPO, 200mm plinth.	

CABINET, WELDED STAINLESS STEEL, 1200 x 900 x 500MM, GEAR PANELS		PART NUMBER 3505888
H x W x D	1200 x 900 x 500 (mm)	
PROTECTION	IP23	
CONSTRUCTION	Welded Aluminium Cabinet	
MASS	124 (kg)	
BOLT DOWN TYPE	NA	
FEATURES INCLUDES	Cabinet body weld assembly, front and rear doors with 3pt locking L-handle louvres with mesh cover and door stay, 2 x aluminium gear panels movable on unistrut mounting, bottom panel with gland plate.	

Modular SE Cabinet Accessories

DOORS

Front and rear doors can be added to the SE frame system at any stage, allowing flexibility to add doors to cabinets now or in the future if new requirements dictate the need. Doors can be hinged LH or RH and most are reversible. Padlockable handled doors are the only style that is not reversible. Doors are available with a lockable or non-lockable, chrome L-handle, black plastic swing-handle, or a padlockable handle, with single or three point locking mechanism. Doors can also have a cut-out polycarbonate insert for a viewing window if required. Please contact an Erntec Sales Representative to discuss your requirements.

PANELS

Standard side panels, top panels, bottom panels and rear panels can easily be retrofitted to a Modular SE Cabinet at any stage. The panels come with all mounting hardware and are secured to the frame by means of a unique thread forming screw. A cutting ring in the head of the screw facilitates earthing of panel to frame. If you require EMI or IP protection for your cabinet, please contact an Erntec Sales Representative to discuss your requirements.

PANELS WITH GLAND PLATES

If you require a gland plate in your cabinet, they can be provided on any panel. Gland plates are commonly made from 3mm Aluminium and are untreated unless otherwise specified. They are secured to the panels via clinch nuts and screws. Please contact Erntec to discuss your gland plate requirements, and advise the size and position within the cabinet.

JOINER PANELS

Standard joiner panels can easily be retrofitted to a Modular SE Cabinet at any stage. The panel come with a set of mounting hardware to secure the panel to the frame by means of a unique thread-forming screw. A cutting ring in the head of the screw facilitates earthing of the panel to frame. The joiner panel has clearance holes for the joiner kit that will bolt the SE frames together. The Joiner kit is a separate item. If you require EMI or IP protection for your cabinet, please contact an Erntec Sales Representative to discuss your requirements.

JOINER KIT

The joiner kit is used to connect two SE frames together. If side or rear panels are also in use between the joined frames they will need to be joiner panel style so that they include the required clearance holes. The joiner kit consists of a set of hardware including spacers, screws and nuts.

RAISED ROOF

A raised roof is a good option to assist with heat dissipation from the cabinet and venting. A raised roof is not available where Ingress Protection (IP) is required. There are, however, different thermal management options available to suit higher IP ratings, such as air-conditioning, fans, louvres with mesh covers, etc. Please contact an Erntec Sales Representative to discuss your requirements.

CASTERS

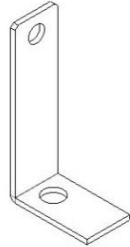
Caster wheels are available with a locking or non-locking facility. Please talk to an Erntec Sales Representative to discuss your requirements.

WALL MOUNT BRACKET

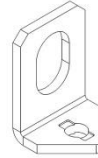
Wall mount brackets are angles that attach to the top rear corner elements of the frame and allow cabinets to be secured to a wall or other upright structure. They are of importance to help ensure stability of cabinets when a swing frame is in use due to the shifting centre of gravity inherent in its design, or, when a cabinet is less than 400mm deep, as these types of cabinets are at greatest risk of instability. Wall mount brackets cannot be used when there is a rear door on the cabinet. Cabinets should be secured via bolt down facilities and wall mount brackets where there is any risk of instability.

TRANSPORT BRACKETS

Transport brackets are available as an accessory where cabinets require crane lifting. For the Modular SE Cabinets the unique bracket design keys into the corner element of the frame to prevent twisting, and bolts securely in place. They are manufactured from zinc plated steel and are rated to 250kg load each (150kg for an angled lifting load and 500kg for a vertical lifting load). Transport brackets are supplied in a set of 4 with all mounting hardware rating them at a combined lifting load of 1000kg.



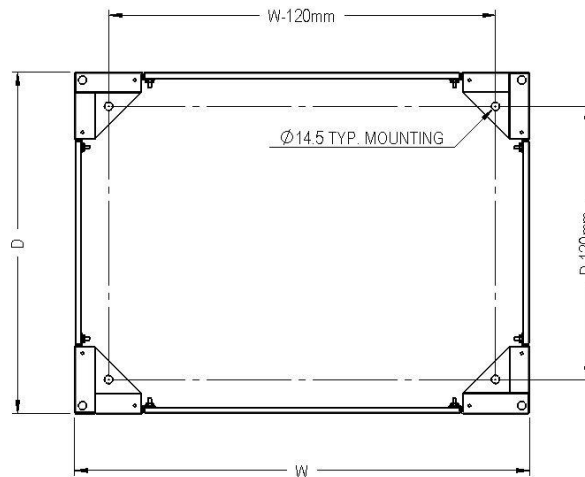
Wall Mount Bracket



Transport Bracket

FOLDED PLINTH

Folded plinths are Erntec's standard plinth design to accompany the SE Modular Frame system. Folded plinths are made up of corner elements and removable panels. Each fully welded corner element attaches to the cabinet and has been designed to support up to 1000kg. The plinth panels are designed to be removable for access to cabling and cabinet mounting. The plinth panels are available in solid and vented versions. This is beneficial when cabinets are fitted with equipment off site and space for internal access to bolt down is limited. The plinth is available in heights of 75mm, 100mm, 150mm and 200mm, and is able to accommodate cabinets from 400mm to 1200mm in width and depth. To order a modular plinth, the plinth height, cabinet width, cabinet depth, and powder coat colour needs to be specified, as well as whether a vented or non-vented version is required. Bolt down holes of 14.5mm diameter are provided in the base of the plinth at Width minus 120mm and Depth minus 120mm, as per drawing provided below.



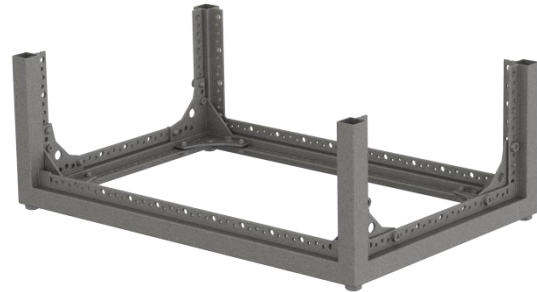
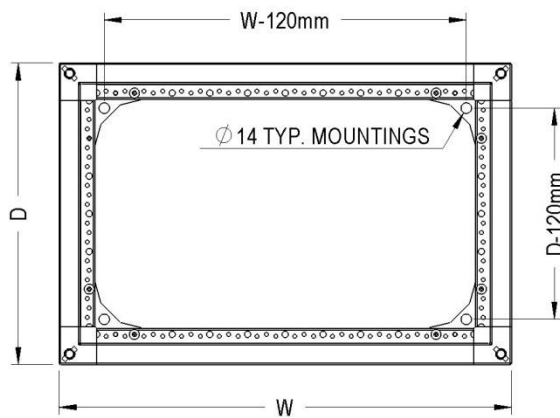
WELDED PLINTH

Welded plinths are custom designed to suit the application and cabinets. They are typically manufactured from either folded sheet steel or steel u-channel sections, but we can work with any special design requirements. Orienting the u-channel with the flanges facing outwards allows for external access to bolt down holes, while using a folded tray plinth design allows for internal access via a gland plate. Welded plinths can be specified for any of our cabinets including our SE Modular Frame System or for welded cabinets.



MODULAR SE CABINET GUSSET BOLT DOWN

Fixing a cabinet in place without a plinth can be achieved using the gusset holes provided in the SE Modular Frame system. If there is a bottom panel on the cabinet it will require clearance holes.



BOLT DOWN KIT

Erntec can provide a bolt down kit consisting of a set of 4pcs M10x60 Dynabolts. This may not suit every situation for bolt down, so please consider your specific bolt down application to determine if dynabolts will be suitable. Please contact an Erntec Sales Representative to discuss your requirements.

U-STRUT

Provides a multitude of internal mounting options. U-strut screw mounts directly to the SE Frame.

EQUIPMENT RAILS 19 INCH OR 23 INCH

Provides 19 Inch or 23 Inch mounting facilities at the front or rear of a cabinet. Rails screw mount to the U-struts inside the cabinet.

DOCUMENT HOLDER




Provides a convenient location to store manuals, work instructions, drawings, log books etc. within any cabinet. Most commonly located inside the front door, the Document Holder is fixed to the cabinet with strong double-sided adhesive tape.


PDU

Various PDUs are available and come in either a horizontal mount or vertical mount. Please contact an Erntec Sales Representative to discuss your requirements.


Subracks


MCB Subrack


SUBRACK, MCB RACK, 19 INCH, 3RU		PART NUMBER 3507894
H x W x D	132.6 x 482.6 x 210mm	
CONSTRUCTION	Sheet metal body, polycarbonate cover	
MASS	3 (kg)	
INCLUDED	Subrack, DIN rail, ducting, front panel, polycarbonate cover, mounting hardware	
SUBRACK, MCB RACK, 19 INCH, 3RU		PART NUMBER 3507908
H x W x D	132.6 x 482.6 x 60mm	
CONSTRUCTION	Sheet metal body and front panel	
MASS	1.3 (kg)	
INCLUDED	Subrack with DIN rail and front panel, mounting hardware	
SUBRACK, MCB RACK, 19 INCH, 4RU		PART NUMBER 3504303
H x W x D	177 x 482.6 x 210mm	
CONSTRUCTION	Sheet metal body, polycarbonate cover	
MASS	3.7 (kg)	
INCLUDED	Subrack, DIN rail, ducting, front panel, polycarbonate cover, mounting hardware	
SUBRACK, MCB RACK, 23 INCH, 4RU		PART NUMBER 3508665
H x W x D	177 x 584.2 x 210mm	
CONSTRUCTION	Sheet metal body, polycarbonate cover	
MASS	4.5 (kg)	
INCLUDED	Subrack, DIN rail, ducting, front panel, polycarbonate cover, mounting hardware	
SUBRACK, MCB RACK WITH SEGREGATION PANEL, 19 INCH, 4RU		PART NUMBER 2231104
H x W x D	177 x 482.6 x 210mm	
CONSTRUCTION	Sheet metal body, polycarbonate cover	
MASS	4.5 (kg)	
INCLUDED	Subrack, DIN rail, ducting, front panel, polycarbonate cover, segregation panels, mounting hardware	
SUBRACK, MCB RACK WITH REAR DIN RAIL, 19 INCH, 4RU		PART NUMBER 3504504
H x W x D	177 x 482.6 x 180mm	
CONSTRUCTION	Sheet metal body, polycarbonate cover	
MASS	2.7 (kg)	
INCLUDED	Subrack, DIN rails, polycarbonate cover, mounting hardware	


SUBRACK, MCB RACK WITH REAR DUCT AND DIN, 19 INCH, 5RU		PART NUMBER 3519116
H x W x D	221.5 x 482.6 x 135mm	
CONSTRUCTION	Sheet metal body and front panel	
MASS	3 (kg)	
INCLUDED	Subrack with DIN rails, ducts and front panel, mounting hardware	


Test Link Subrack


SUBRACK, TEST LINK RACK TYPE 2, 19 INCH, 3RU		PART NUMBER 3505948
H x W x D	132.6 x 482.6 x 210mm	
CONSTRUCTION	Sheet metal body, polycarbonate cover	
MASS	1.8 (kg)	
INCLUDED	Subrack, multi position DIN rail, ducting, label strip, polycarbonate cover, mounting hardware	


SUBRACK, TEST LINK RACK, 19 INCH, 3RU		PART NUMBER 3507345
H x W x D	132.6 x 482.6 x 210mm	
CONSTRUCTION	Sheet metal body, polycarbonate cover	
MASS	1.8 (kg)	
INCLUDED	Subrack, multi position DIN rail, ducting, label strip, polycarbonate cover, mounting hardware	


SUBRACK, TEST LINK RACK, 19 INCH, 3RU		PART NUMBER 2230981
H x W x D	132.6 x 482.6 x 210mm	
CONSTRUCTION	Sheet metal body, polycarbonate cover	
MASS	1.8 (kg)	
INCLUDED	Subrack, multi position DIN rail, ducting, label strip, polycarbonate cover, mounting hardware	


SUBRACK, TEST LINK RACK, 19 INCH, 3RU		PART NUMBER 3510272
H x W x D	132.6 x 482.6 x 210mm	
CONSTRUCTION	Sheet metal body, polycarbonate cover	
MASS	1.8 (kg)	
INCLUDED	Subrack, DIN rail, ducting, label strip, polycarbonate cover, mounting hardware	

SUBRACK, TEST LINK RACK, HINGED FRONT PANEL, 19 INCH, 3RU		PART NUMBER 3509622
H x W x D	132.6 x 482.6 x 210mm	
CONSTRUCTION	Sheet metal body and door	
MASS	2.5 (kg)	
INCLUDED	Subrack, hinged front panel, DIN rail, ducting, mounting hardware	


SUBRACK, TEST LINK RACK, HINGED FRONT PANEL, 19 INCH, 4RU		PART NUMBER 3505913
H x W x D	177 x 482.6 x 210mm	
CONSTRUCTION	Sheet metal body and door	
MASS	3 (kg)	
INCLUDED	Subrack, hinged front panel, DIN rail, ducting, mounting hardware	


SUBRACK, TEST LINK RACK, 19 INCH, 4RU		PART NUMBER 3504302
H x W x D	177 x 482.6 x 210mm	
CONSTRUCTION	Sheet metal body, polycarbonate cover	
MASS	2.4 (kg)	
INCLUDED	Subrack, DIN rail, ducting, label strip, polycarbonate cover, mounting hardware	

SUBRACK, TEST LINK RACK, 23 INCH, 4RU		PART NUMBER 3506745
H x W x D	177 x 584.2 x 210mm	
CONSTRUCTION	Sheet metal body, polycarbonate cover	
MASS	2.7 (kg)	
INCLUDED	Subrack, DIN rail, ducting, label strip, polycarbonate cover, mounting hardware	

SUBRACK, DOUBLE LAYER TEST LINK RACK, 19 INCH, 7RU		PART NUMBER 3504939
H x W x D	310.4 x 482.6 x 215mm	
CONSTRUCTION	Sheet metal body, polycarbonate cover	
MASS	4.5 (kg)	
INCLUDED	Subrack, DIN rail, ducting, label strip, polycarbonate cover, mounting hardware	

Midos Subrack

SUBRACK, MIDOS, APPARATUS RACK WITH BLANKING PLATES, 19 INCH, 4RU		PART NUMBER 3504553
H x W x D	177 x 482.6 x 20mm	
CONSTRUCTION	Sheet metal body construction	
MASS	2 (kg)	
INCLUDED	Midos mounting frame, set of blanking plates, mounting hardware	

SUBRACK, MIDOS MOUNTING FRAME - ECONOMY, 19 INCH, 4RU		PART NUMBER 3512420
H x W x D	177 x 482.6 x 12mm	
CONSTRUCTION	Sheet metal body construction	
MASS	1.5 (kg)	
INCLUDED	Midos mounting frame, set of blanking plates, mounting hardware	





SUBRACK, MIDOS MOUNTING FRAME - ECONOMY, 19 INCH, 6RU		PART NUMBER 3511587
HxWxD	265.9 x 482.6 x 12mm	
CONSTRUCTION	Sheet metal body construction	
MASS	2.3 (kg)	
INCLUDED	Midos mounting frame, set of blanking plates, mounting hardware	

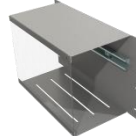
ABB Combiflex Relay Subrack

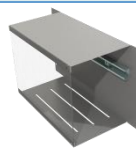
SUBRACK, COMBIFLEX RACK, 19 INCH, 2RU		PART NUMBER 3509321
HxWxD	88.1 x 482.6 x 235.4mm	
CONSTRUCTION	Sheet metal body construction	
MASS	1.2 (kg)	
INCLUDED	Attached mounting hardware	

SUBRACK, COMBIFLEX RACK, 19 INCH, 4RU		PART NUMBER 3509320
HxWxD	177 x 482.6 x 235.4mm	
CONSTRUCTION	Sheet metal body construction	
MASS	1.9 (kg)	
INCLUDED	Attached mounting hardware	



Metrosil Subrack

SUBRACK, METROSIL RACK, 19 INCH, 7RU		PART NUMBER 3504082
HxWxD	310.4 x 482.6 x 236mm	
CONSTRUCTION	Sheet metal body, polycarbonate cover	
MASS	6.8 (kg)	
INCLUDED	Subrack, unistrut with slide nuts, polycarbonate cover, mounting hardware	



SUBRACK, METROSIL RACK, 21 INCH, 7RU		PART NUMBER 3504211
HxWxD	310.4 x 533.4 x 236mm	
CONSTRUCTION	Sheet metal body, polycarbonate cover	
MASS	7 (kg)	
INCLUDED	Subrack, unistrut with slide nuts, polycarbonate cover, mounting hardware	

SUBRACK, METROSIL RACK, BUS PROTECTION RESISTOR MOUNTING, 23 INCH, 7RU		PART NUMBER 3506740
HxWxD	310.4 x 584.2 x 236mm	
CONSTRUCTION	Sheet metal body, polycarbonate cover	
MASS	7.2 (kg)	
INCLUDED	Subrack, unistrut with slide nuts, polycarbonate cover, mounting hardware	

Nemmco Subrack

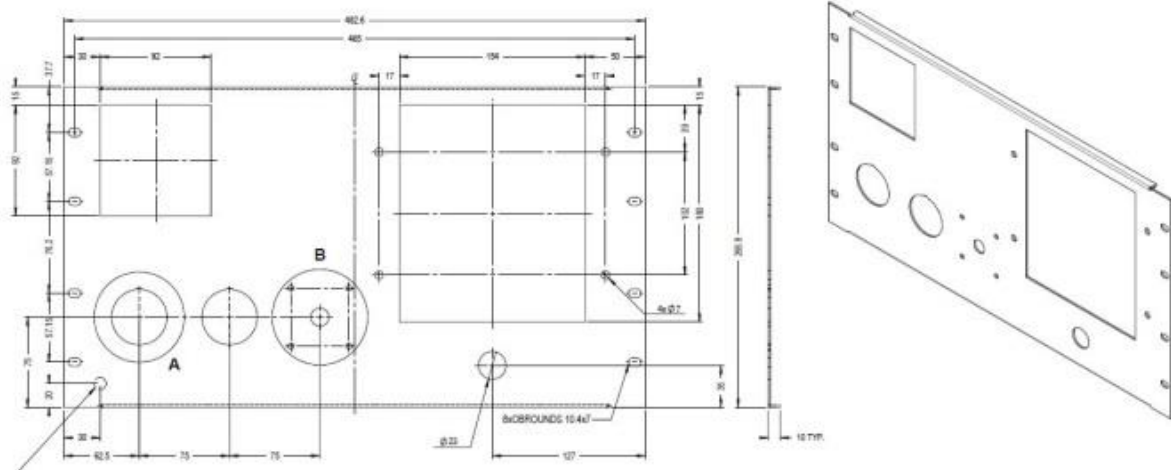
SUBRACK, MCB NEMMCO RACK, WITHOUT TOP DUCT, 23 INCH, 6RU		PART NUMBER 3507364
H x W x D	265.9 x 584.2 x 152mm	
CONSTRUCTION	Sheet metal construction	
MASS	5.5 (kg)	
INCLUDED		
SUBRACK, NEMMCO ENERGY METER RACK, TYPE D, 23 INCH, 7RU		PART NUMBER 3507365
H x W x D	310.4 x 584.2 x 211mm	
CONSTRUCTION	Sheet metal body and front panel	
MASS	6 (kg)	
INCLUDED	Subrack, front panel, DIN rails, ducts, mounting hardware	

Rack Mount PDU

PDU, METAL BODY, 6 OUTLET, 10 AMP, DUAL MOUNT POSITION, 19 INCH, 1RU		PART NUMBER 3504279
H x W x D	43.7 x 482.6 x 110mm	
CONSTRUCTION	Sheet metal body construction	
MASS	1kg, no plugs etc (kg)	
INCLUDED	PDU, 6 way PDU with 10 amp circuit breaker, dual mount - 60mm offset or inline with mounting hardware	
SUBRACK, RACK WITH DIN RAIL AT 150MM OFFSET, 19 INCH, 4RU		PART NUMBER 3516029
H x W x D	177 x 482.6 x 212mm	
CONSTRUCTION	Sheet metal body construction	
MASS	2.3 (kg)	
INCLUDED	Subrack, DIN rail, duct, mounting hardware	

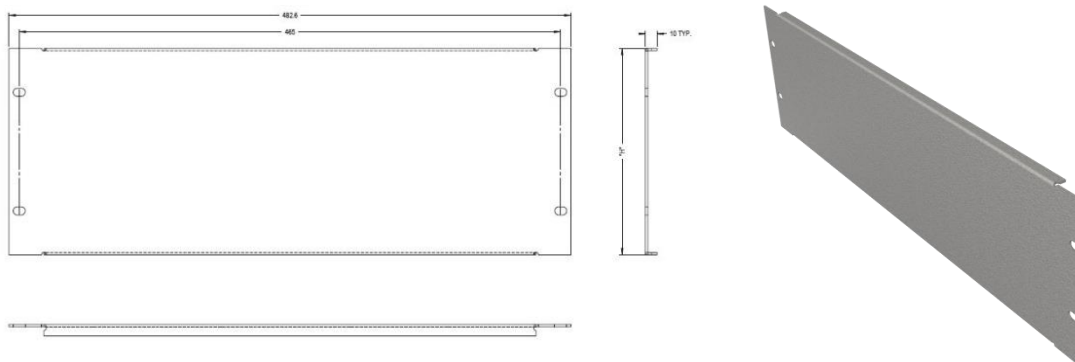
Mounting Plates

Mounting plates are used to mount non-19 or 23 inch equipment within a 19 or 23 inch layout. They are available in 19 inch or 23 inch widths, and the height of the plate should suit the equipment size and the panel layout. There are limitless possibilities for Mounting Plate designs given the various equipment and panel layouts possible. Erntec have supplied hundreds of different types of plates. Please supply drawings and any relevant information to sales@erntec.net and our Engineering team will confirm and finalise the design. We will contact you if we require further information.



Blank Panels

Blank panels are available in 19 inch and 23 inch widths. They are manufactured from 2mm mild steel with a reinforcing return top and bottom. Mounting hardware is supplied in a screw kit comprising of cage nuts, screws, washers, and earthing washer. Blank panels can be powder coated in any of our large range of standard colours. A 6mm diameter electrical test point is masked on the rear of all blank panels. Depending on your earthing requirements, you have the option of selecting a blank panel with an earth stud, or masking the powder coat from mounting area on the rear of the panel to provide good contact through the mounting hardware.



19 INCH BLANK PANELS

H	W	Part No.	Masked or Unmasked?
½ RU	19 Inch	350671 2	M/U
1 RU	19 Inch	350410 6	M/U
2 RU	19 Inch	350410 7	M/U
3 RU	19 Inch	350410 8	M/U
4 RU	19 Inch	350410 9	M/U
5 RU	19 Inch	350411 0	M/U
6 RU	19 Inch	3504111	M/U
7 RU	19 Inch	350411 2	M/U
8 RU	19 Inch	350446 7	M/U
9 RU	19 Inch	350601 7	M/U
10 RU	19 Inch	350490 0	M/U
11 RU	19 Inch	350498 8	M/U
12 RU	19 Inch	350522 5	M/U
13 RU	19 Inch	350780 0	M/U
14 RU	19 Inch	350842 0	M/U
15 RU	19 Inch	350729 7	M/U
16 RU	19 Inch	350704 8	M/U
17 RU	19 Inch	3517136	M/U
18 RU	19 Inch	350807 0	M/U
19 RU	19 Inch	351120 0	M/U
20 RU	19 Inch	351445 9	M/U
21 RU	19 Inch	352207 9	M/U
22 RU	19 Inch	350842 1	M/U
23 RU	19 Inch	350842 4	M/U

24 RU	19 Inch	352208 0	M/U
25 RU	19 Inch	352208 1	M/U
26 RU	19 Inch	350842 2	M/U

ENCLOSURES
MICRO-DRIVES
COMPONENTS

23 INCH BLANK PANELS

H	W	Part No.	Masked or Unmasked?
1 RU	23 Inch	3504113	M/U
2 RU	23 Inch	3504114	M/U
3 RU	23 Inch	3504115	M/U
4 RU	23 Inch	3504116	M/U
5 RU	23 Inch	3504117	M/U
6 RU	23 Inch	3504118	M/U
7 RU	23 Inch	3504119	M/U
8 RU	23 Inch	350674 7	M/U
9 RU	23 Inch	352209 0	M/U
10 RU	23 Inch	3507367	M/U
11 RU	23 Inch	3522091	M/U
12 RU	23 Inch	350867 2	M/U
13 RU	23 Inch	3522092	M/U
14 RU	23 Inch	3522093	M/U
15 RU	23 Inch	352209 4	M/U
16 RU	23 Inch	3508671	M/U
17 RU	23 Inch	352209 5	M/U
18 RU	23 Inch	352209 6	M/U
19 RU	23 Inch	3522097	M/U
20 RU	23 Inch	352209 8	M/U
21 RU	23 Inch	3515744	M/U
22 RU	23 Inch	350880 5	M/U
23 RU	23 Inch	352209 9	M/U
24 RU	23 Inch	3522100	M/U
25 RU	23 Inch	3522101	M/U

19 Inch Blank Panels with Earth Stud


H	W	Part No.
1 RU	19 Inch	3519724
2 RU	19 Inch	3519733
3 RU	19 Inch	3519725
4 RU	19 Inch	3519726
5 RU	19 Inch	3519727
6 RU	19 Inch	3522082
7 RU	19 Inch	3519728
8 RU	19 Inch	3522083
9 RU	19 Inch	3521779
10 RU	19 Inch	3522084
11 RU	19 Inch	3522085
12 RU	19 Inch	3522086
13 RU	19 Inch	3522087
14 RU	19 Inch	3522088
15 RU	19 Inch	3522089


Special Blank Panels


Description	H	W	Part No.	Masked or Unmasked?
Recessed Blank Panel, 100mm Deep	6 RU	19 Inch	3510578	M/U
Vented Blank Panel	3 RU	19 Inch	3513657	M/U

Other Layout Accessories


Telescopic Shelf


TELESCOPIC SHELF, 19 INCH, 1RU, 350MM DEEP, REAR SE FRAME FIXING		PART NUMBER 3505285
H x W x D	43.7 x 482.6 x 350 mm	
CONSTRUCTION	Sheet metal construction	
INCLUDED	Shelf, writing desk with hinged lid, light duty telescopic rails, mounting hardware	
LOAD RATING	Rail load limit 45kg	
MASS	7kg	
EXTENSION	406mm	

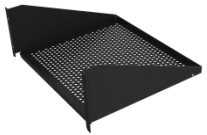
TELESCOPIC SHELF, 19 INCH, 1RU, 580MM DEEP, 19 INCH RAIL MOUNTING FRONT AND REAR AT RAIL SPACING OF 600MM		PART NUMBER 3516316
H x W x D	43.7 x 482.6 x 580 mm	
CONSTRUCTION	Sheet metal construction	
INCLUDED	Shelf, light duty telescopic rails, mounting hardware	
LOAD RATING	Rail load limit 45kg	
MASS	6.4kg	
EXTENSION	600mm	

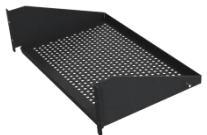
TELESCOPIC SHELF WITH WRITING DESK, 19 INCH, 1RU		PART NUMBER 3516927
H x W x D	43.7 x 482.6 x 400 mm	
CONSTRUCTION	Sheet metal construction	
INCLUDED	Shelf, writing desk, soft close telescopic rails, mounting hardware	
LOAD RATING	Rail load limit 45kg	
MASS	6.6kg	
EXTENSION	380mm	


Cantilever Shelf

SHELF, CANTILEVER, 19 INCH, 2RU, VENTED, 350 DEEP		PART NUMBER 3504712
H x W x D	88.1 x 482.6 x 350 mm	
CONSTRUCTION	Sheet metal construction	
INCLUDED	Shelf, mounting hardware	
LOAD RATING		
MASS	2.7kg	


SHELF, CANTILEVER, 19 INCH, 2RU, 335MM DEEP, POLYCARBONATE FRONT PANEL		PART NUMBER 3511966
H x W x D	88.1 x 482.6 x 335 mm	
CONSTRUCTION	Sheet metal construction	
INCLUDED	Shelf, polycarbonate front panel, mounting hardware	
LOAD RATING		
MASS	3.3kg	


SHELF, CANTILEVER WITH REAR RETURN, 4RU, PERFORATED, 400MM DEEP		PART NUMBER 3516307
H x W x D	177 x 482.6 x 400 mm	
CONSTRUCTION	Sheet metal construction	
INCLUDED	Shelf, mounting hardware	
LOAD RATING		
MASS	3.7kg	

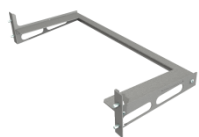
SHELF, CANTILEVER WITH REAR RETURN, 3RU, PERFORATED, 300MM DEEP		PART NUMBER 3516568
H x W x D	132.6 x 482.6 x 300 mm	
CONSTRUCTION	Sheet metal construction	
INCLUDED	Shelf, mounting hardware	
LOAD RATING		
MASS	2.6kg	

SHELF, CANTILEVER, 19 INCH, 3RU, 400MM DEEP		PART NUMBER 3516929
H x W x D	132.6 x 482.6 x 400 mm	
CONSTRUCTION	Sheet metal construction	
INCLUDED	Shelf, mounting hardware	
LOAD RATING	Load Rating 30kg	
MASS	5.2kg	


Mounting Kits

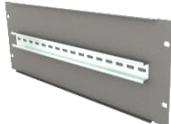
1RU, KIT, MOUNTING, FOR DELL POWER EDGE SERVER, DWG 2232526		PART NUMBER 3506588
H	43.7	
CONSTRUCTION	Sheet metal construction	
INCLUDED	Custom brackets, mounting hardware	


BRACKET, MOUNTING, FOR SEL 2411 RELAY		PART NUMBER 3513166
H x W x D		
CONSTRUCTION	Sheet metal construction	
INCLUDED	Custom brackets, mounting hardware	


CUSTOM EQUIPMENT SHELF WITH INTEGRATED CABLE MANAGEMENT, 19 INCH, 2RU, 200 DEEP		PART NUMBER 3512384
H x W x D	88.1 x 482.6 x 200 mm	
CONSTRUCTION	Sheet metal construction	
INCLUDED	Custom shelf, mounting hardware	


DIN Mount Plates


MOUNT PLATE, 19 INCH, 2RU, WITH 1X DUCT ON REAR		PART NUMBER 3505448
H x W x D	88.1 x 482.6 x 80 mm	
CONSTRUCTION	Sheet metal construction, 2mm Steel	
INCLUDED	Blank panel, duct, and mounting hardware	


MOUNT PLATE, 19 INCH, 4RU, WITH 1X DIN RAIL ON REAR		PART NUMBER 3506423
H x W x D	177 x 482.6 x 15 mm	
CONSTRUCTION	Sheet metal construction, 2mm Steel	
INCLUDED	Blank panel, DIN rail, and mounting hardware	


MOUNT PLATE, 19 INCH, 4RU, WITH 1X DUCT AND 1X DIN RAIL ON REAR		PART NUMBER 3505795
H x W x D	177 x 482.6 x 80 mm	
CONSTRUCTION	Sheet metal construction, 2mm Steel	
INCLUDED	Blank panel, duct, DIN rail and mounting hardware	


MOUNT PLATE, 19 INCH 4RU, WITH 2X DUCT AND 1X DIN RAIL ON OFFSET BRACKET		PART NUMBER 3512185
H x W x D	177 x 482.6 x 115 mm	
CONSTRUCTION	Sheet metal construction, 2mm Steel	
INCLUDED	Blank panel, duct, DIN rail, offset bracket and mounting hardware	


MOUNT PLATE, 19 INCH, 5RU, WITH 1X DIN RAIL ON REAR		PART NUMBER 3507290
H x W x D	221.5 x 482.6 x 15 mm	
CONSTRUCTION	Sheet metal construction, 2mm Steel	
INCLUDED	Blank panel, DIN rail and mounting hardware	


MOUNT PLATE, 19 INCH, 5RU, WITH 1X DIN RAIL ON REAR		PART NUMBER 3506380
H x W x D	221.5 x 482.6 x 15 mm	
CONSTRUCTION	Sheet metal construction, 2mm Steel	
INCLUDED	Blank panel, DIN rail and mounting hardware	


MOUNT PLATE, 19 INCH, 5RU, WITH 1X DUCT AND 1X DIN RAIL ON REAR		PART NUMBER 3505796
H x W x D	221.5 x 482.6 x 80 mm	
CONSTRUCTION	Sheet metal construction, 2mm Steel	
INCLUDED	Blank panel, duct, DIN rail and mounting hardware	

MOUNT PLATE, RESISTOR MOUNT, 19 INCH, 5RU, WITH 1X UNISTRUT AND 1X CABLE DUCT,		PART NUMBER 3505896
H x W x D	221.5 x 482.6 x 80 mm	
CONSTRUCTION	Sheet metal construction, 2mm Steel	
INCLUDED	Blank panel, unistrut, duct and mounting hardware	

MOUNT PLATE, 19 INCH, 6RU, WITH 4X DUCT AND 2X DIN RAIL ON OFFSET BRACKET		PART NUMBER 3512186
H x W x D	265.9 x 482.6 x 115 mm	
CONSTRUCTION	Sheet metal construction, 2mm Steel	
INCLUDED	Blank panel, duct, DIN rail, offset bracket and mounting hardware	

MOUNT PLATE, 19 INCH, 7RU, WITH 1X DUCT AND 2X DIN RAIL ON REAR		PART NUMBER 3505952
H x W x D	310.4 x 482.6 x 80 mm	
CONSTRUCTION	Sheet metal construction, 2mm Steel	
INCLUDED	Blank panel, duct, DIN rail, and mounting hardware	

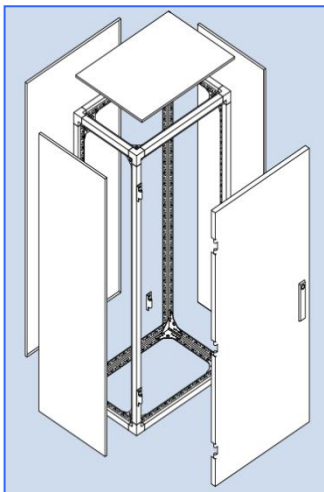
MOUNT PLATE, 19 INCH, 8RU, WITH 1X DUCT AND 2X DIN RAIL ON REAR		PART NUMBER 3509312
H x W x D	354.8 x 482.6 x 80 mm	
CONSTRUCTION	Sheet metal construction, 2mm Steel	
INCLUDED	Blank panel, duct, DIN rail, and mounting hardware	

MOUNT PLATE, 19 INCH, 10RU, WITH 4X DUCT AND 3X DIN RAIL, 2X OFFSET BRACKET		PART NUMBER 3512187
H x W x D	443.7 x 482.6 x 115 mm	
CONSTRUCTION	Sheet metal construction, 2mm Steel	
INCLUDED	Blank panel, duct, DIN rail, offset bracket and mounting hardware	

GLOSSARY

Cutting Screw	A screw which cuts through the paint to make contact with the metal underneath to provide earthing.
Earthing Washer	A washer that provides a firm connection to the part it is attached to that ensures it is adequately earthed.
EMI	Disruption caused by electromagnetic wave that affects the signal in electrical components.
IP Rating (Ingress Protection)	Standard that describes the level of protection an enclosure provides from external substances and environments.
Modular SE System	System of frames and panels that can be customised in size to suit various cabinet needs.
Plinth	Combination of folded sheet metal parts to form a base for the cabinet.
RU (Rack Unit)	An incremental height measurement specified in the DIN Standard 41494 equal to 44.45mm.
Self-Threading Screw	Creates a thread in the corresponding part by displacing the material that it screws into.
Transport Brackets	Brackets that are mounted at the top of the cabinet which allow that cabinet to be lifted.
U-Strut	Rail with an array of mounting holes that allow various mounting solutions.
RFI	Disruption caused by interfering radio frequencies that affect the signal in electrical components.
DIN rail	Mounting rail for electrical components that complies with international standards to provide constancy and integration of parts.
Escutcheon Panels	Panel designed to shield interior components but display necessary details.
PDU (Power Distribution Unit)	A unit designed to provide electrical power to multiple devices using multiple power outputs.
MCB (Miniature Circuit Breaker)	Switch that opens when the current in the circuit is too high. Can be switched back to close the circuit afterwards.

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