

SIRUS



2024 ENCLOSURES PORTFOLIO

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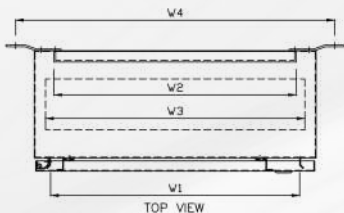


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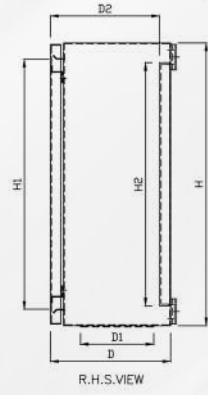
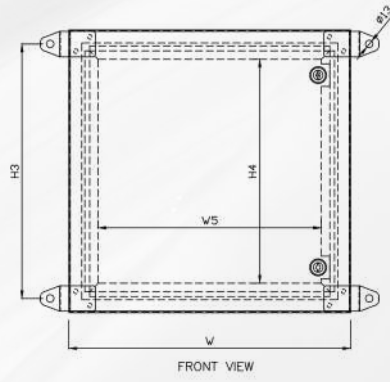
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Junction box



| DIMENSIONS: | | |
|------------------------------------|-----------|------------|
| | WMM 23.5 | WMM 30 |
| W = Width of enclosure | 200-500 | 500-1000 |
| W1= Widthwise clear pass | (W-47) | (W-60) |
| W2= C plate width | (W-55) | (W-70) |
| W3= Width of gland plate | (W-57) | (W-6) |
| W4= Mounting hole 'C' widthwise | (W+66) | (W+65) |
| W5= Area on door for cutouts | (W-104) | (W-117) |
| D = Depth of the enclosure | 80-250mm | 120-500 |
| D1= Gland Plate Size | (D-26) | (D-27) |
| D2= C plate distance from door | (D-17) | (D-22) |
| H = Height of the enclosure | 250-500mm | 500-1500mm |
| H1 = Height wise clear pass | (H-47) | (H-60) |
| H2 = C plate height | (H-55) | (H-70) |
| H3 = Mounting hole 'C' height wise | (H-50) | (H-50) |
| H4 = Area on door for cutouts | (H-104) | (H-117) |



Features:

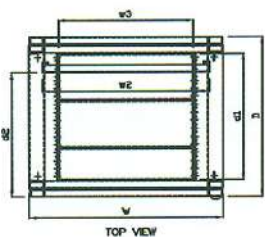
- Better IP protection (IP55 to IP 67)
- Construction in CRCA MS Sheet.
- Welded Main Body with Top and bottom in 1.2/1.5mm in thickness.
- Gland Plate: Bottom Side in 2.00mm thickness.
- Component Mtg. Plate: GPSP in 2.00mm thickness.
- Front Door: Single in 1.2/1.5mm thickness.
- Lock: Cam Lock.
- polyethylene gasket on door & polyethylene foam on gland plate both are fire retardant.
- Wall mounting brackets 4nos

Standard sizes:

| Width | Depth | Height | Base |
|-----------------------------------|----------------------------------|------------------------------------|--------------------|
| 300mm-800mm (in pith of 100mm) | 100mm-400mm (in pith of 50mm) | 300mm-1200mm (in pith of 100mm) | As per requirement |

*There is access from front only as sides and top are closed.

Modular Floor Standing Extensible Enclosures



DIMENSIONS:

W = Width of enclosure 500mm to 2000mm.
 w1= Widthwise clearpass (W-50).
 w2= C plate width (W-100).
 w3= width of gland plate (W-182).
 w4= Grouding hole CC widthwise hidden(W-160).
 w5= Grouding hole CC widthwise Open(W-310).
 w6= Useable width on door for cuboids (W-160).

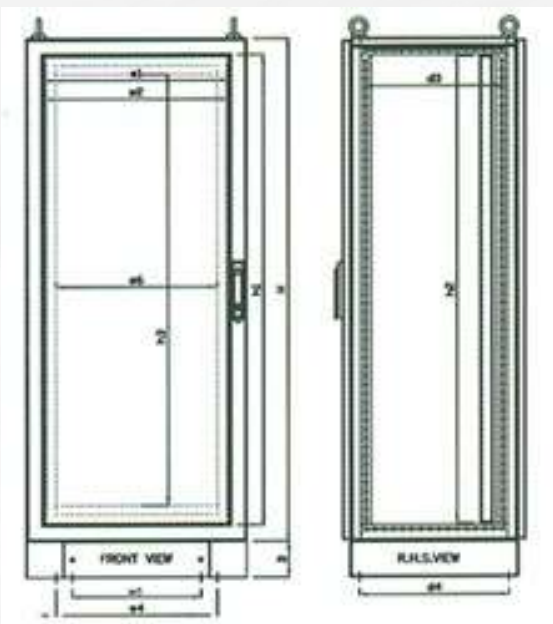
D = Depth of the enclosure 400mm to 1000mm.
 d1= Total bottom opening depthwise (0-98).
 d2= C plate adjustment span (75 to (D-50)).
 d3= Inducing holes CC depthwise (D-125).
 d4= Grouding holes CC in depth (0-90).

H = Height of the enclosure 1000mm to 2200mm.
 h1= Heightwise clearpass (H-31).
 h2= C plate height (H-100).
 h3= Useable height on door for cuboids (H-200).

B = Base (100mm/200mm).

Features:

- Better IP protection (IP55 to IP 66)
- Construction in CRCA MS Sheet.
- Welded Main Body with Top and bottom in 1.5/2mm in thickness.
- Gland Plate: Bottom or Top Side in 2.00/3.00mm thickness.
- Component Mtg. Plate: GPSP in 2.00mm thickness.
- Front Door Single & Double /split door/partial door in 1.5/2mm thickness.
- Lock: ¾ Handle lock
- polyethylene gasket on door & polyethylene foam an gland plate both are fire retardant.
- Lifting eye bolts: Hooks are used for normal weight & heavy-duty angles for bigger enclosures.



Standard sizes:

| Width | Depth | Height | Base |
|---------------------------------|-------------------------------|----------------------------------|--------------------------|
| 500mm-2000mm (pith of 100mm) | 400mm-600mm (pith of 50mm) | 1000mm-2200mm (pith of 100mm) | 75mm, 100mm 150mm, 200mm |

*Up to 1000mm width single door, above sizes will have split door.

Insulated Enclosures



Features:

- Better IP protection (IP55 to IP 66)
- Construction in CRCA MS Sheet.
- Welded Main Body with Top and bottom in 1.5/2mm in thickness.
- Gland Plate: Bottom or Top Side in 2.00/3.00mm thickness.
- Component Mtg. Plate: GPSP in 2.00mm thickness.
- Front Door Single/spilt door/partial door in 1.5/2mm thickness.
- Lock: ¾ Handle lock
- Lifting eye bolts: Hooks are used for normal weight & heavy-duty angles for bigger enclosures.
- 50mm glass wool or rock wool is used as insulation.
- This is better replacement for E room
- This is manufactured in 'Modular floor Standing Extensible enclosures' (MFSE Construction).

Outdoor Enclosures



Features:

- The best IP protection (IP-55).
- Rain canopy is fitted on top of enclosure to minimize rain water contact with enclosure.
- Universal mounting of doors and covers so that they can be interchanged or reverted,
- Detachable all the doors and covers facilitates faster interior assembly.
- Stronger support channels (plated or powder coated) screwed on the doors.
- Depth and height adjustable mounting of component plate and horizontal / vertical partitions.
- Clamped and folded gland plates in parts for easy removing and fitting. Gland holes not necessary to decide earlier, can be drilled at site also.
- Stainless Steel hinges and hardware is used for long lasting.
- For low corrosive area special outdoor duty powder coating is provided on CRCA MS sheet enclosure to resist UV rays and fading effects due to outdoor environment.
- For medium corrosive area special outdoor duty powder coating is provided on galvanized (GPSP - Galvanized Plates with Skin Passed) sheet enclosure to resist UV rays and fading effects due to outdoor environment. It lasts double the normal enclosure.
- For high corrosive area these are manufactured in stainless steel. It is life long lasting.
- Sheet metal folded base looks attractive with ease in grouting (Grouting holes visible). ISMC base also can be provided.

Standard sizes:

| Width | Depth | Height | Base |
|-------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| 300mm-1200mm (in pitch of 100mm) | 120mm-1000mm (pitch of 50mm) | 300mm-2200mm (pitch of 100mm) | 75mm, 100mm 150mm, 200mm |

*Up to 1000mm width single door, above sizes will have split door.

Server Rack



Features:

- The best IP protection (IP-55).
- These are manufactured in floor standing extensible construction.
- Horizontal slide trays, brackets provided for heavy components mounting like power supplies or CPU units.
- Doors can be supplied with ventilation slots or toughened glass.
- Detachable all the doors and covers facilitates faster interior assembly.
- 4 point locking arrangement with rotating centralized lockable handle by lever key to restrict unauthorized access (option of 2 bit key operated lock).
- Fire retardant & chemical resistant Polyurethane foamed D type gaskets (workability at 100°C temperature) on doors and covers for better IP protection.
- Keyboard drawer can be supplied with inside mounting or with protruded desk.

Standard sizes:

| Width | Depth | Height | Base |
|----------------------------------|---------------------------------|-----------------------------------|-----------------------------|
| 600mm-1200mm (pitch of 100mm) | 600mm-1000mm (pitch of 50mm) | 1000mm-2200mm (pitch of 100mm) | 75mm, 100mm 150mm, 200mm |

*Up to 1000mm width single door, above sizes will have split door.

PC Enclosures



Process Control Computer enclosures -1



Control Room Computer enclosures



Bar Code Printer Computer enclosures



Process Control Computer enclosures -2



Features:

- Better IP protection.
- Monitor tray adjustable in height for better vision.
- Toughened glass / clear acrylic fitted on monitor door.
- Gas springs used for monitor door opening and for holding it upwards. Enables hands free operation.
- Sliding drawer for keyboard with high quality telescopic rails with arrangement for mouse pad below drawer.
- Lower compartment can accommodate CPU along with stabilizer / UPS. There is space for Printer and stationery in case of standing operation PC enclosures.
- CPU tray can be adjusted in height without any tool.
- Drawer has some additional space for any other material.
- Separate open compartment for CD's, books and other essential material.
- Castors or base can be fitted at bottom.
- Ventilation through dust proof filters grills.

Standard sizes:

| Width | Depth | Height | Base |
|----------------|-------|-----------------|-------------------------------------|
| 600mm or 700mm | 600mm | 1300mm & 1700mm | 75mm, 100mm 150mm, 200mm or casters |

*Up to 800mm width single door, above sizes will have split door.

Control Desk



Features:

- The best IP protection (IP-55)
- Standard construction (design).
- Manufactured in modules.
- Floor standing or wall mounting arrangement is possible. Modifications possible at customer end also if needed. Modularity of extensibility and internal arrangements. Easy handling and transportation.

Standard sizes:

These are standard products. Shape (construction) is fixed; only height, width and depth sizes can be changed.

Operator Station



Features:

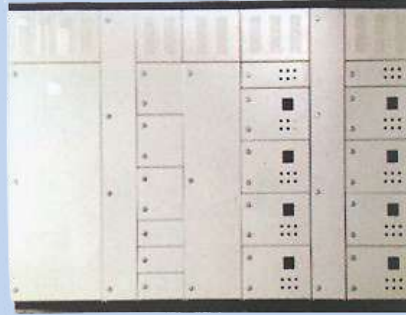
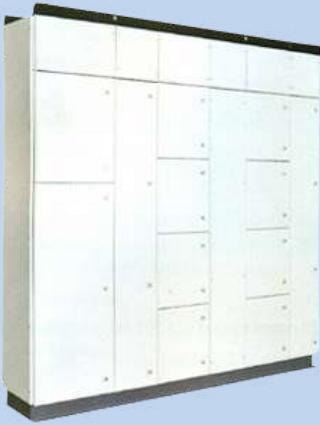
- Welded body with sides, top and bottom closed in 1.5/2.00 thk folded CRCA sheet.
- Front single door in 2.00 thk CRCA sheet with PV foam gasket
- 'D' type PU foam gasket on door and on gland plate, fire retardant.
- As side walls are not removable, inter panel separator is not required here.
- Very special construction for operator ease in standing position.
- These types of enclosures are not suitable to join together, however if needed we can join them.

Standard sizes:

| Width | Depth | Height |
|-----------------------------------|----------------------------------|-----------------------------------|
| 300mm-1200mm (in pith of 50mm) | 200mm-600mm (in pith of 50mm) | 300mm-1500mm (in pith of 50mm) |

*There is access from front only as sides and top are closed.

Modular MCC / PCC Enclosures



Features:

- The best IP protection (IP-54).
- Best strength for 1200 depth also.
- Modularity for internal assembly. Doesn't require more pre-engineering.
- Each & every compartment is a separate box and hence we can alter complete elevation at any stage.
- Punched holes having pitch of 12.5mm.
- Universal mounting of doors and covers so that they can be interchanged or reverted,
- Detachable all the doors and covers facilitates faster interior assembly.
- Stronger support channels (plated or powder coated) screwed on the doors.
- Fire retardant & chemical resistant Polyurethane foamed D type gaskets (workability at 1000C temperature) on doors and covers for better IP protection.
- Easy and modular busbar mounting is provided in bus chambers.
- Depth and height adjustable mounting of component plate and horizontal / vertical partitions.
- Clamped and folded gland plates in parts for easy removing and fitting. Gland holes not necessary to decide earlier, can be drilled at site also.
- Angular mounting of terminals provides spacious access.
- Sheet metal folded base looks attractive with ease in grouting (Grouting holes visible). ISMC base also can be provided.

Standard sizes:

| Width | Depth | Height | Base |
|---|---------------------------------|--------------------------------|--------------------------|
| Modules of 300mm, 400mm, 500mm, 600mm 700mm & 800mm | 450mm to 1000mm (pitch of 50mm) | 1000mm-2200mm (pitch of 100mm) | 75mm, 100mm 150mm, 200mm |

Transformer – Choke Enclosures



Features:

- Welded body with sides, top and bottom closed in 1.5/2.00 thk folded CRCA sheet or modular frame structure in 3.00 thk.
- Canopy can be mounted on top.
- Sides can be covered with covers with punched ventilation lovers.
- It can be manufactured in GI sheets or stainless steel sheet for outdoor use

Standard sizes:

| Width | Depth | Height | Base |
|-----------------------------------|---------------------------------|----------------------------------|----------------------------------|
| 300mm -2000mm (pitch of 100mm) | 300mm-1500mm (pitch of 50mm) | 300mm-2200mm (pitch of 100mm) | 50mm - 300mm in pitch of 50mm |

*Up to 1000mm width single door, above sizes will have split door.

Operator Pendants



Features:

- Welded body with sides, top and bottom closed in 1.5/2.00 thk folded CRCA sheet.
- Very strong and sturdy arm manufactured in 65x65 square tubes in 3.00 thick sheet.
- Front single door in 2.00 thk CRCA sheet with, 'D' type foam gasket.
- Polyethylene gasket on door and polyurethane foam on gland plate, both are fire retardant.
- Swiveling thrust bearing with inner diameter 58mm for cable passing.
- As side walls are not removable, inter panel separator is not required here.
- These types of enclosures are not suitable to join together, however if needed we can join them.

Standard sizes:

| Width | Depth | Height |
|-----------------------------------|----------------------------------|------------------------------------|
| 300mm-800mm (in pith of 100mm) | 200mm-600mm (in pith of 50mm) | 300mm-1200mm (in pith of 100mm) |

*There is access from front only as sides and top are closed.

Stainless Steel Enclosures



Features:

- SS 304, SS 316 material grade are available.
- Welded Main Body with Top and bottom in 1.2/1.5mm in thickness.
- Gland Plate: Bottom Side in 2.00mm thickness.
- Component Mtg. Plate: GPSP in 2.00mm thickness.
- Front Door: Single in 1.2/1.5mm thickness.
- Lock: Cam Lock.
- polyethylene gasket on door & polyethylene foam on gland plate both are fire retardant.
- Wall mounting brackets 4nos
- Surface finish is available in matt or glossy.

FLP / WP Junction Boxes



FLP Push Button Station



FLP WP Rotary Switch Or Rotary Isolator



FLP WP DoI Starter



Flameproof Weatherproof Junction Box 4 Way



Flameproof Weatherproof Control Panel



FLP WP Switch Socket



Weatherproof Hooter



FLP / WP Instrument Enclosure - 250 mm Dia



FLP WP Roller Type Limit Switch



LP WP Local Control Station



Flameproof Type Double Compression Cable Gland



Weatherproof Type Double Compression Cable Gland

Thermoplastic Junction Boxes & Distribution Boards



Junction Box & Distribution Boards (Empty)



Junction Box & Distribution Boards (with Terminals)



Junction box for hazardous areas



Waterproof Junction Box with encapsulating



Meter Boxes



Busbar Boxes



Isolator Boxes



Changeover Switch Boxes



Photovoltaic distributors Boxes (solar monitoring boxes)

Accessories



Cable Drums



Plug & Sockets



Cable Glands

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