



شركة الرائد العربي للصناعات الهندسية
حلول متكاملة للخزائن و الكبائن المعدنية



CONTENTS

EME	- Wall Mounting Enclosures	03
EDP	- Distribution Boards (Row Type)	06
EDB	- Distribution Boards (Pan Assembly Busbar Type)	09
ELC	- Floor Standing Cabinets	12
EXC	- Extendable Cabinets	15
TNC	- Network / Server Cabinets - 19" Racks	18
FEC	- Fire Fighting Cabinets	21
EFS	- Form 3 & 4 Switchgear Enclosures	24
ERC	- Relay & Control Panels	27
ECD	- Control Desks	30
LMA	- Modular Lockers	33
EDF	- Feeder Pillars enclosures Double Wall	37
ESF	- Feeder Pillars Enclosures Single Wall	40
BCR	- Battery Cabinet	43
BOR	- Open Battery Rack	46
BOS	- Open Battery Stand	49
CTP	- Cable Trays & Accessories	52

EME

Wall Mounting Enclosures

- Metal Enclosure with Reversible Door.
- Powder Coated RAL 7032.
- Concealed Hinges and Safety Lock.
- Steel Mounting Plate Powder Coated.
- Cable Entry Opening with Gland Plate and Sealing Joint.
- For Installation of Electrical Protection and Control
- Components and Devices.
- Interior and Exterior Wall Mounting.
- Protection against Water and Dust. (IP65)



WALL MOUNTED METAL ENCLOSURE IP65, WITH MOUNTING PLATE AND BOTTOM GLAND PLATE, POWDER COATED TO RAL 7032 TEXTURED



DESCRIPTION

The EME series are wall-mounted sheet-metal enclosures supplied complete, designed for the housing of protection and control low-voltage devices, for electrical distribution in the services and industrial sector. The EME electrical enclosures are made of galvanized sheet steel protected by a coating of epoxy paint color RAL 7032. The enclosure depth is 200mm to 350mm, the width is 300mm to 1200mm and the height is 400mm to 1400mm. The enclosure is designed for cables or conduits entry through a gland plate in the bottom. The gland plate is removable for easy drilling or punching on site or in the workshop. A foam gasket is installed between the plate and the body. A mounting plate powder coated is installed on studs inside the enclosure to accommodate the installation and cabling of the electrical components. The Plate is removable and adjustable on the studs allowing easy installation and wiring of components and devices in the workshop. One reversible door is installed on the box body for enclosures 1000mm and less in width. For larger enclosures, two doors are in place. Doors are fixed by means of two hinges and two double bit quarter turn locks for single door enclosures. As for double door enclosures a three point lock with handle will be in place. A foam gasket between the door and the box body to guarantee the water tightness of the enclosure to IP65 as per IEC 60529.

SPECIFICATIONS

Box body thickness	1, 1.2 or 1.5mm
Door thickness	1.2, 1.5 or 2mm
Mounting plate thickness	1.5 or 2mm
Coating thickness	90 micron
Color and Texture	RAL 7032 textured RAL 2000 (Mounting plate)

DIMENSIONS

Height:	400 to 1400mm
Width:	300 to 1200mm
Depth:	200 to 350mm

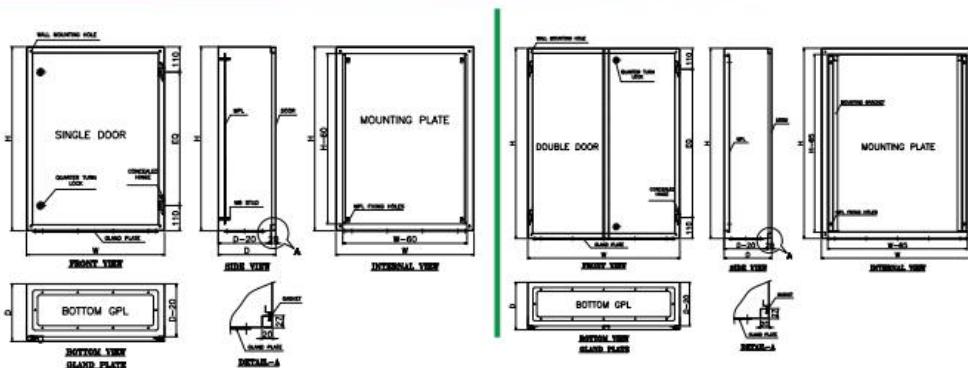
APPLICATIONS

Final or Sub main Electrical distribution in residential industrial and commercial buildings.

STANDARDS

IP 65 as per IEC 60529

DRAWINGS



OPTIONS

- The EME is available in several options:
- EME-S or EME-SS in Stainless steel 304 or 316.
- EME-Al in Aluminum.
- EME/D with Inner Door.
- EME/C with Canopy.
- EME/W with Polycarbonate Door.
- EME/P with Pole Mounting Arrangement.
- EME/Din with Din Rail Chassis and inner Cover.
- EME/G with Top and Bottom Entries.

SELECTION CHART

REFERENCE	H	W	D	GPL	Doors	Locks
	mm	mm	mm	No.	No.	No.
EME20 - 0403	400	300	200	1	1	1
EME20 - 0604	600	400	200	1	1	2
EME20 - 0606	600	600	200	1	1	2
EME20 - 0705	700	500	200	1	1	2
EME20 - 0806	800	600	200	1	1	2
EME20 - 0808	800	800	200	1	1	2
EME20 - 1008	1000	800	200	1	1	2
EME25 - 0806	800	600	250	1	1	2
EME25 - 0808	800	800	250	1	1	2
EME25 - 1006	1000	600	250	1	1	2
EME25 - 1008	1000	800	250	1	1	2
EME25 - 1010	1000	1000	250	2	1	2
EME25 - 1208	1200	800	250	1	1	2
EME30 - 0808	800	800	300	1	1	2
EME30 - 1008	1000	800	300	1	1	2
EME30 - 1208	1200	800	300	1	1	2
EME30 - 1210	1200	1000	300	2	1	2
EME30 - 1408	1400	800	300	1	1	2
EME30 - 1410	1400	1000	300	2	1	2
EME30 - 1412	1400	1200	300	2	2	3p
EME35 - 1210	1200	1000	350	2	1	2
EME35 - 1212	1200	1200	350	2	2	3p
EME35 - 1408	1400	800	350	1	1	2
EME35 - 1410	1400	1000	350	2	1	2
EME35 - 1412	1400	1200	350	2	2	3p

EDP

Distribution Boards (Row Type)

- Steel Distribution Panel Board with Cover and Door.
- Steel Mounting frame with Din Rails.
- Flush or Surface wall mounting.
- Powder Coated RAL 7035.
- Concealed Hinges and Latch.
- Cable and Conduits Entries from Top and Bottom Knockouts.
- Installation of Modular Electrical Protection and Control Components.



FLUSH OR SURFACE MOUNTED ROW DB, WITH DIN RAIL FRAME, COVER AND DOOR, POWDER COATED TO RAL 7035.



DESCRIPTION

The EDP series are wall-mounted sheet-metal enclosures supplied in assembled kits designed for housing and protection of control low-voltage DIN modular devices, for electrical distribution in the residential, services and industrial sectors. EDP Distribution Board is made of galvanized sheet steel protected by a coating of polyester powder paint color RAL 7035. The enclosure Depth is 110mm, the Width is 465mm for the 16 Modules/Row type and 620mm for the 24 Modules/ Row type. Heights start from 320mm for the 1 Row DB to 1070mm for the 6 Row DB. The Box is designed for cables or conduits entry through various sizes of knockouts. It could be flush or surface mounted. Surface installation could be done through key holes in the back of the box. The Chassis is set of two frames with 7.5mm deep DIN Rails welded in between. It is installed on studs with nuts allowing adjustment in depth. The Chassis is a removable part allowing easy installation and wiring of components and devices in the workshop or on-site. The Cover frame is set to protect the live components allowing access to the front of the devices through openings. The cover may hold labels to mark the devices. The Door is installed on the cover by means of two hinges. It also accommodates a latch for safe closing. The Door and Cover will assure a protection degree of IP41 according to IEC60529.

SPECIFICATIONS

Galvanized sheet steel coated with oven-baked epoxy paint.

Box body thickness	1 to 1.2mm
Door thickness	1.2 to 1.5mm
Mounting frame thickness	1.5mm
Coating thickness	90 micron
Color and Texture	RAL 7035 textured

DIMENSIONS

Height:	320 to 1,070 mm
Width:	465 for 16 modules / row. 620 for 24 modules / row.
Depth:	110 mm

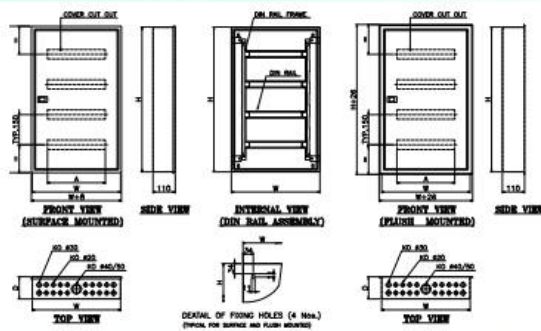
APPLICATIONS

Electrical distribution for residential, industrial and commercial markets.

STANDARDS

IP 41 as per IEC 60529

DRAWINGS



SELECTION CHART

REFERENCE	H	W	Row	Ways
	mm	mm	No.	No.
Flush Mounting Distribution Board				
EDP11 - 116F	319	462	1	16
EDP11 - 216F	469	462	2	32
EDP11 - 316F	619	462	3	48
EDP11 - 416F	769	462	4	64
EDP11 - 516F	919	462	5	80
EDP11 - 616F	1069	462	6	96
EDP11 - 324F	619	607	3	72
EDP11 - 424F	769	607	4	96
EDP11 - 524F	919	607	5	120
EDP11 - 624F	1069	607	6	144
Surface Mounting Distribution Board				
EDP11 - 116S	300	446	1	16
EDP11 - 216S	450	446	2	32
EDP11 - 316S	600	446	3	48
EDP11 - 416S	750	446	4	64
EDP11 - 516S	900	446	5	80
EDP11 - 616S	1050	446	6	96
EDP11 - 324S	600	591	3	72
EDP11 - 424S	750	591	4	96
EDP11 - 524S	900	591	5	120
EDP11 - 624S	1050	591	6	144

EDB

Distribution Boards (Pan Assembly Busbar Type)

- Steel Distribution Panel Board with Cover and Door.
- Steel Mounting Plate for Busbar Pan Assembly.
- Flush or Surface wall mounting.
- Powder Coated RAL 7035.
- Concealed Hinges and Latch.
- Cable and Conduits Entries from Top and Bottom Knockouts.
- Bottom Din Rail for Isolating Switch and ELCB Incomers.
- Holes for Neutral Bar and Earth Link.

FLUSH OR SURFACE MOUNTED DB, WITH MOUNTING PLATES FOR SINGLE OR DOUBLE BUSBAR PAN ASSEMBLIES, COVER AND DOOR, POWDER COATED TO RAL 7035.



DESCRIPTION

The EDB series are wall-mounted sheet-metal enclosures designed for housing and protection of control low-voltage DIN modular devices Pan assemblies for electrical distribution in the residential, services and industrial sectors. EDB Distribution Board is made of galvanized sheet steel protected by a coating of polyester powder paint color RAL 7035. The enclosure Depth is 110mm, the Width is 400mm, Heights start from 650mm to 1070mm. The Box is designed for cables or conduits entry through various sizes of knockouts. It could be flush or surface mounted. Surface installation could be done through key holes in the back of the box. The Single or Double Mounting Plates as well as the incomers DIN rail are installed in the box. The Cover frame is set to protect the live components allowing access to the front of the devices through openings. The cover may hold labels to mark the devices. The Door is installed on the cover by means of two hinges. It also accommodates a latch for safe closing. The Door and Cover will assure a protection degree of IP41 according to IEC60529.

SPECIFICATIONS

Galvanized sheet steel coated with oven-baked epoxy paint.

Box body thickness	1mm
Door thickness	1.2mm
Mounting frame thickness	1.5mm
Coating thickness	90 micron
Color and Texture	RAL 7035

DIMENSIONS

Height:	1000mm or 1400mm
Width:	600mm to 1600mm
Depth:	800mm or 1000mm

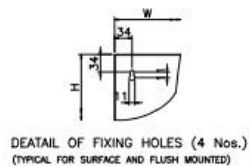
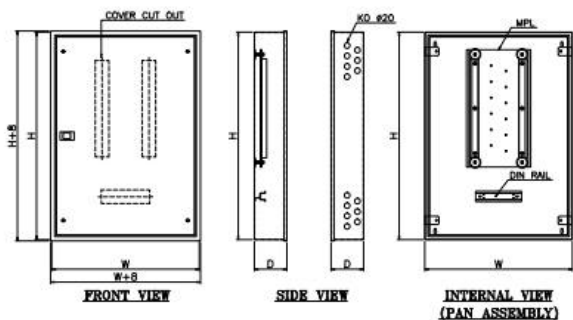
APPLICATIONS

Electrical control for LV and HV.

STANDARDS

IP 55 as per IEC 60529

DRAWINGS



SELECTION CHART

Reference	Ways No.	h mm	w mm	H mm	W mm	D mm
Surface Mounting Distribution Board						
EDB11-0440S	4	490	400	495	405	110
EDB11-0640S	6	550	400	555	405	110
EDB11-0840S	8	600	400	605	405	110
EDB11-1040S	10	655	400	665	405	110
EDB11-1240S	12	720	400	725	405	110
EDB11-1640S	16	870	400	875	405	110
EDB11-1840S	18	930	400	935	405	110
EDB11-2440S	24	1095	400	1100	405	110
Flush Mounting Distribution Board						
EDB11-0440F	4	490	400	535	445	110
EDB11-0640F	6	550	400	595	445	110
EDB11-0840F	8	600	400	645	445	110
EDB11-1040F	10	655	400	700	445	110
EDB11-1240F	12	720	400	765	445	110
EDB11-1640F	16	870	400	915	445	110
EDB11-1840F	18	930	400	975	445	110
EDB11-2440F	24	1095	400	1135	445	110
Surface Mounting Split Type Distribution Board						
EDB11-4240S/S	4+2	720	400	725	405	110
EDB11-4440S/S	4+4	720	400	725	405	110
EDB11-6440S/S	6+4	815	400	820	405	110
EDB11-6640S/S	6+6	870	400	875	405	110
EDB11-8640S/S	8+6	870	400	875	405	110
EDB11-8840S/S	8+8	965	400	970	405	110
Flush Mounting Split Type Distribution Board						
EDB11-4240F/S	4+2	720	400	765	445	110
EDB11-4440F/S	4+4	720	400	765	445	110
EDB11-6440F/S	6+4	815	400	860	445	110
EDB11-6640F/S	6+6	870	400	915	445	110
EDB11-8640F/S	8+6	870	400	915	445	110
EDB11-8840F/S	8+8	965	400	1010	445	110

ELC

Floor Standing Cabinets

- Metal Enclosure with Reversible Door.
- Powder Coated RAL 7032.
- Concealed Hinges and Swing Handle Lock.
- Steel Mounting Plate Powder Coated.
- Cable Entry Opening with Gland Plate and Sealing Joint.
- Installation of Electrical Protection and Control Components and Devices.
- Interior and Exterior Floor Standing.
- Protection against Water and Dust. (IP55)



FLOOR STANDING CABINETS IP55, WITH SWING HANDLE DOOR, MOUNTING PLATE AND BOTTOM GLAND PLATE, POWDER COATED TO RAL 7032 TEXTURED.



DESCRIPTION

The ELC series are floor-standing sheet-metal cabinets supplied complete, designed for housing the protection and control low-voltage devices, for electrical distribution in the services and industrial sectors. ELC electrical cabinet is made of galvanized sheet steel protected by a coating of polyester powder paint color RAL 7032. The enclosure depth is 400mm, the width is from 600mm to 1200mm and the height is 1600mm or 1800mm. The cabinet is designed for cables or conduits entry through a gland plate in the bottom. The gland plate is removable for easy drilling or punching on site or in the workshop. A foam gasket is installed under the plate in order to assure the waterproofing. A folded mounting plate powder coated is installed with brackets inside the cabinet to accommodate the installation and cabling of the electrical components. The plate is removable and adjustable on brackets allowing easy installation and wiring of components and devices in the workshop. One reversible door is installed on the box body for enclosures 1000mm and less in width. For larger enclosures, two doors are in place. Doors are fixed by means of four hinges and four points locks with handle for single door enclosures. As for double door enclosures a three point lock with handle will be in place. A rubber gasket between the door and the box body assuring the waterproofing of the box to IP55 as per IEC 60529.

SPECIFICATIONS

Galvanized sheet steel coated with oven-baked epoxy paint.

Box body thickness	1.5 or 2mm
Door thickness	2mm
Mounting plate thickness	2mm
Coating thickness	90 micron
Color and Texture	RAL 7032 textured
	RAL 2000 (Mounting plate)

DIMENSIONS

Height:	1400 to 1800mm
Width:	600 to 1200mm
Depth:	400mm

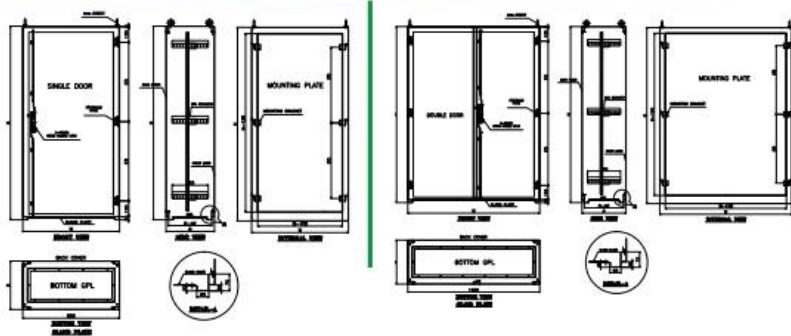
APPLICATIONS

Main or Sub-main Electrical distribution in industrial and commercial buildings

STANDARDS

IP 55 as per IEC 60529

DRAWINGS



OPTIONS

- ELC-S or ELC-SS in Stainless steel 304 or 316
- ELC-AI in Aluminum
- ELC/D with Inner Door
- ELC/C with Canopy
- ELC/W with Polycarbonate Window
- ELC/G with Top and Bottom Entries

SELECTION CHART

REFERENCE	H	W	D	GPL	Doors	Locks
	mm	mm	mm	No.	No.	No.
ELC 40 - 1606	1600	600	400	1	1	4p
ELC 40 - 1608	1600	800	400	1	1	4p
ELC 40 - 1610	1600	1000	400	1	1	4p
ELC 40 - 1612	1600	1200	400	2	2	3p
ELC 40 - 1806	1800	600	400	1	1	4p
ELC 40 - 1808	1800	800	400	1	1	4p
ELC 40 - 1810	1800	1000	400	1	1	4p
ELC 40 - 1812	1800	1200	400	2	2	3p

EXC

Extendable Cabinets

- Steel Enclosure Frame with Reversible Door, Top and Back Panels.
- Powder Coated RAL 7032.
- Semi Concealed Hinges and Swing Handle Lock.
- Steel Mounting Plate Powder Coated.
- Cable Entry Opening with Gland Plate and Sealing Joint.
- Installation of Electrical Protection and Control Components and Devices.
- Interior and Exterior Floor Standing.
- Set of 2 Side Panels sold separately.

FLOOR STANDING CABINETS, WITH SWING HANDLE DOOR LOCK, MOUNTING PLATE AND BOTTOM GLAND PLATE, POWDER COATED TO RAL 7032 TEXTURED.



DESCRIPTION

The EXC series are floor-standing sheet-metal cabinets supplied without side panels designed for housing the protection and control low-voltage devices, for electrical distribution in the industrial sectors. The structure of the EXC cabinets allows two or more cabinets to be joined together with bolts and nuts. Sets of two side plates are ordered separately to cover the sides of the whole set. EXC electrical cabinet is made of galvanized sheet steel protected by a coating of polyester powder paint color RAL 7032. The enclosure depth is 600mm, the width is from 600mm to 1200mm and the height is 2000mm.

The box is designed for cables or conduits entry through a gland plate in the bottom. The gland plate is removable for easy drilling or punching on site or in the workshop. A foam gasket is installed under the plate in order to assure the waterproofing.

A folded mounting plate powder coated is installed with brackets inside the cabinet to accommodate the installation and cabling of the electrical components. The plate is removable and adjustable on the brackets allowing easy installation and wiring of components and devices in the workshop. One reversible door is installed on the box body for enclosures 1000mm and less in width. For larger enclosures, two doors are in place. Doors are fixed by means of four hinges and four points lock with handle for single door enclosures. As for double door enclosures a three point lock with handle will be in place.

SPECIFICATIONS

Galvanized sheet steel coated with oven-baked epoxy paint.

Frame thickness	2mm
Door and panels thickness	2mm
Mounting plate thickness	2mm
Coating thickness	90 micron
Color and Texture	RAL 7032 textured
	RAL 2000 (Mounting plate)

DIMENSIONS

Height:	2000mm
Width:	600 to 1200mm
Depth:	600 to 800mm

APPLICATIONS

Sub-main or Main Form2 Electrical distribution in residential, industrial and commercial buildings.

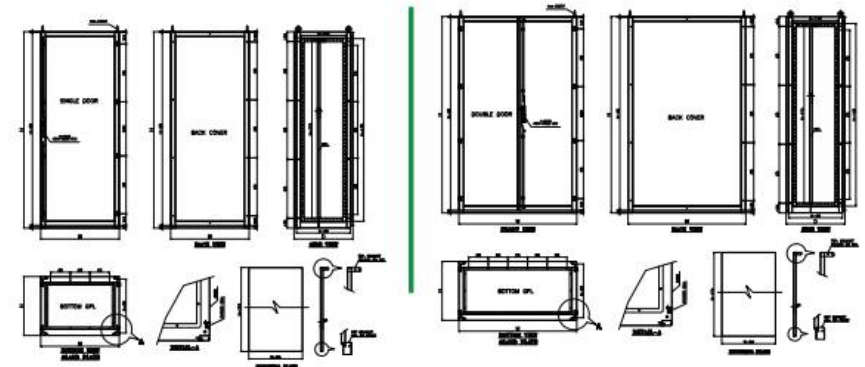
STANDARDS

IP 55 as per IEC 60529

OPTIONS

- EXC-S or EXC-SS in Stainless steel 304 or 316.
- EXC/D with Inner Door.
- EXC/L with Shelves for Capacitor Banks.
- EXC/W with Polycarbonate Window.

DRAWINGS



SELECTION CHART

REFERENCE	H	W	D	GPL	Doors	Locks
	mm	mm	mm	No.	No.	No.
EXC60 - 2006	2000	600	600	1	1	4p
EXC60 - 2008	2000	800	600	1	1	4p
EXC60 - 2010	2000	1000	600	1	1	4p
EXC60 - 2012	2000	1200	600	2	2	3p
EXC80 - 2006	2000	600	800	1	1	4p
EXC80 - 2008	2000	800	800	1	1	4p
EXC80 - 2010	2000	1000	800	1	1	4p
EXC80 - 2012	2000	1200	800	2	2	3p
EXC60 - 2P20 Set of 2 Side Panels	2000		600			
EXC80 - 2P20 Set of 2 Side Panels	2000		800			

TNC

Network / Server Cabinets - 19" Racks

- Instruments 19" Rack Cabinet
- Window Front Door with Keylocks
- Optional Back Door for easy equipment access
- Movable Back Panel
- Vented Sides to improve heat dissipation
- Movable Plates on top and bottom
- Inside Rack angles with Adjustable Vertical Profiles for 19" Devices
- Powder Coated in Grey or any other color



WALL MOUNTING OR FLOOR STANDING CABINETS,
WITH 19" RACK AND BOTTOM GLAND PLATE,
POWDER COATED.



DESCRIPTION

The TNC series are wall mounting or floor standing sheet-metal cabinets designed for housing multiple devices of voice and data, for network distribution in offices, in the commercial and industrial sectors. TNC cabinet is made of galvanized sheet steel protected by a coating of polyester powder paint color RAL 7032. The enclosure depth is 450, 600 or 800mm, the width is 600mm and the height is from 400 to 2300mm.

The cabinet is designed for cables entry through a gland plate in the top or bottom. The gland plate is removable for easy drilling or punching. All sides of the cabinets are vented to ensure a better heat dissipation. The door is installed by means of hinges and key lock. A glass or PC window is there to allow the viewing of the components. A 19" Rack is installed on the front side inside the cabinet. An optional back door could be ordered. A plinth or wheels are also optional for floor mounted cabinets.

SPECIFICATIONS

Galvanized sheet steel coated with oven-baked polyester paint.

Box body thickness: 1 to 1.5mm
 Coating thickness: 90 micron
 Color and Texture: RAL 7032 smooth

DIMENSIONS

Height: 400 to 2300mm
 Width: 600mm
 Depth: 450 to 800mm

APPLICATIONS

Network distribution in offices and in the commercial and industrial sectors.

STANDARDS

NEMA 1

SELECTION CHART

REFERENCE	Description	W	H	D	U
		mm	mm	mm	No.
TNC45-6U	Wall Mounting Cabinet	600	400	450	6U
TNC45-9U	Wall Mounting Cabinet	600	600	450	9U
TNC45-12U	Wall Mounting Cabinet	600	700	450	12U
TNC45-15U	Wall / Floor Mounting Cabinet	600	800	450	15U
TNC60-15U	Wall / Floor Mounting Cabinet	600	800	600	15U
TNC80-15U	Wall / Floor Mounting Cabinet	600	800	800	15U
TNC45-18U	Wall / Floor Mounting Cabinet	600	1000	450	18U
TNC60-18U	Wall / Floor Mounting Cabinet	600	1000	600	18U
TNC80-18U	Wall / Floor Mounting Cabinet	600	1000	800	18U
TNC45-20U	Floor Standing Cabinet	600	1100	450	20U
TNC60-20U	Floor Standing Cabinet	600	1100	600	20U
TNC80-20U	Floor Standing Cabinet	600	1100	800	20U
TNC60-24U	Floor Standing Cabinet	600	1200	600	24U
TNC80-24U	Floor Standing Cabinet	600	1200	800	24U
TNC60-27U	Floor Standing Cabinet	600	1400	600	27U
TNC80-27U	Floor Standing Cabinet	600	1400	800	27U
TNC60-30U	Floor Standing Cabinet	600	1500	600	30U
TNC80-30U	Floor Standing Cabinet	600	1500	800	30U
TNC60-32U	Floor Standing Cabinet	600	1600	600	32U
TNC80-32U	Floor Standing Cabinet	600	1600	800	32U
TNC60-40U	Floor Standing Cabinet	600	2000	600	40U
TNC80-40U	Floor Standing Cabinet	600	2000	800	40U
TNC60-42U	Floor Standing Cabinet	600	2100	600	42U
TNC80-42U	Floor Standing Cabinet	600	2100	800	42U
TNC60-47U	Floor Standing Cabinet	600	2300	600	47U
TNC80-47U	Floor Standing Cabinet	600	2300	800	47U

FEC

Fire Fighting Cabinets

- Metal Single or Double Cabinet Box for Extinguishers and Fire Hose Reel
- Sheet Steel Textured Powder Coated or Stainless Steel
- Flush or Surface Wall Mounting Box with Frame and Doors.
- Flush Lock and Piano Hinge
- Optional Tempered Glass Window
- Installation of Fire Extinguisher and Hose Reel.
- Interior and Exterior Wall Mounting.



WALL FLUSH OR SURFACE MOUNTED, SINGLE OR
DOUBLE ENCLOSURE, IN STAINLESS STEEL OR
POWDER COATED MILD STEEL



DESCRIPTION

The FEC series are wall mounted sheet metal enclosures supplied complete designed for housing the fire fighting devices like fire extinguishers and fire hose reel. FEC Fire enclosure is made of Galvanized Sheet Steel protected by a coating of polyester powder paint color RAL3000 or Stainless Steel Sheet 304 or 316.

The enclosure depth is 280mm, the width is from 700mm and the height is 700mm for a single door cabinet and 1500mm for a double door cabinet. The box is designed to be installed flush or surface, single or double compartments, with or without glass window. The fire hose will be held by means of two tubular brackets inside the cabinet. One door is installed on the frame for one compartment cabinet and two doors for the two compartments type. Doors are fixed by means of piano or pin hinges and one turn handle chrome plated or stainless steel quarter turn lock for each door.

SPECIFICATIONS

Opt. 1

Mild or galvanized steel sheet coated with oven-baked polyester paint.

Metal thickness: 1.2 or 1.5mm
Coating thickness: 90 micron
Color and Texture: RAL3000 textured.

Opt. 2.

Stainless steel 304 or 316 Sheet, Brush or Mirror Finish.

Metal thickness: 1.5mm

DIMENSIONS

Height: 400 to 1400mm
Width: 300 to 1200mm
Depth: 200 to 350mm

APPLICATIONS

Fire Fighting for residential industrial and commercial markets

STANDARDS

NEMA 1

SELECTION CHART

REFERENCE	Description	H	W	D	Doors
		mm	mm	mm	No.
FEC28 - 0707FC	MS Fire Hose Reel Cabinet Flush Mounted	700	700	280	1
FEC28 - 1507FC	MS Fire Hose Reel Cabinet Flush Mounted	1500	700	280	2
FEC28 - 0707SC	MS Fire Hose Reel Cabinet Surface Mounted	700	700	280	1
FEC28 - 1507SC	MS Fire Hose Reel Cabinet Surface Mounted	1500	700	280	2
FEC28 - 0707FS	SS Fire Hose Reel Cabinet Flush Mounted	700	700	280	1
FEC28 - 1507FS	SS Fire Hose Reel Cabinet Flush Mounted	1500	700	280	2
FEC28 - 0707SS	SS Fire Hose Reel Cabinet Surface Mounted	700	700	280	1
FEC28 - 1507SS	SS Fire Hose Reel Cabinet Surface Mounted	1500	700	280	2



EF S

Form 3 & 4 Switchgear Enclosures

- Enclosed busbars & risers in sheet steel compartments.
- Rear access construction with protective devices removable from the front.
- Versatile enclosure system allows future extension of switchboard.
- The busbar system is separated from functional units.
- All functional units are separated.
- Incoming and outgoing terminals are separated from busbars and from each other.
- Special dimensions to customer requirements.
- Powder Coated to RAL 7032.



FLOOR STANDING CABINETS WITH DOORS,
MOUNTING PLATES, BOTTOM GLAND PLATES
AND PLINTH, POWDER COATED TO RAL 7032.



DESCRIPTION

The EFS is a floor-standing Enclosure System supplied complete with side plates designed for housing protection and control low-voltage devices, for electrical distribution in the commercial and industrial sectors. The structure of the EFS enclosure consists of one or more frames joined together:

Incomer sections, Outgoing Sections, Busbar Sections and Cable Chambers Sections, standing on plinths covered by side panels, top panels, back panels, front covers and front doors with complete Brackets for Busbars in Busbar Chambers and ACBs Mounting in the Incomers Sections. Mounting plates are installed inside the Outgoing compartments to accommodate the installation and cabling of the electrical components like MCCS or MCBs EFS enclosures are made of galvanized sheet steel protected by a coating of polyester powder paint color RAL 7032. The enclosure width and depth is 600 to 1000mm and the height is 1800 to 2300mm. The Enclosures are designed in compartments which are separated by means of steel plates complying with IEC 60439-1 for Form 3 & 4 switchgear housing, where busbars are separated from functional units, functional units are separated from other functional units, terminations are separated from functional units and from each other and terminals are separated from the busbars. The cables entry to the enclosure is done through gland plates in the bottom. The gland plates are removable for easy drilling or punching on site or in the workshop. A foam gasket is installed under the plate.

SPECIFICATIONS

Galvanized sheet steel coated with oven-baked epoxy paint.

Box frame thickness:	2mm
Doors and front covers thickness:	1,5 or 2mm
Back and side panels thickness:	2mm
Mounting plate thickness:	2mm
Plinth thickness:	2mm
Separations thickness:	1.5mm
Coating thickness:	90 micron
Color and texture:	RAL 7032 textured.

DIMENSIONS

Height:	1800 to 2200mm
Width:	200 to 1000mm
Depth:	600 to 1000mm
Plinth:	50 to 100mm

APPLICATIONS

Main Electrical distribution for residential industrial and commercial buildings and motor control.

STANDARDS

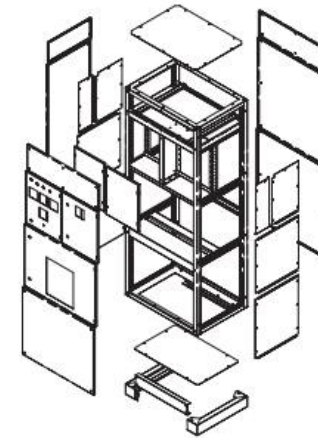
IEC 60439-1

TYPES

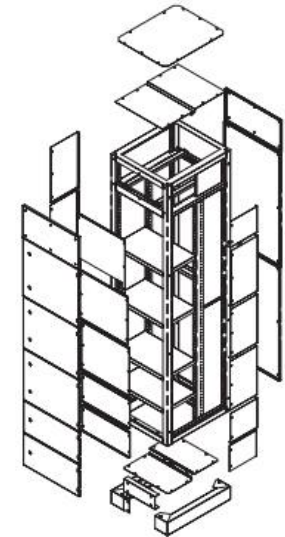
- Incomer Section with ACB Stand and meters fixing arrangements. (FII & FIE).
- Busbar Chamber with Front Cover. (FBI & FBE).
- Outgoing Section with Mounting Plates and Front Doors. (FOI & FOE).
- Cable Chamber with Front Door. (FCI & FCE).
- Any other Section could be manufactured according to the customer's request.

DRAWINGS

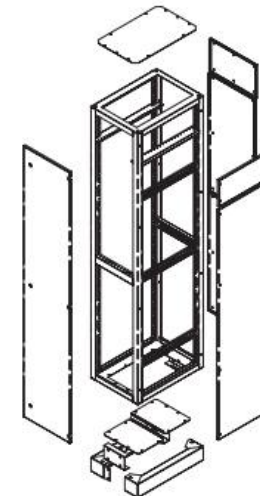
Incomer Section



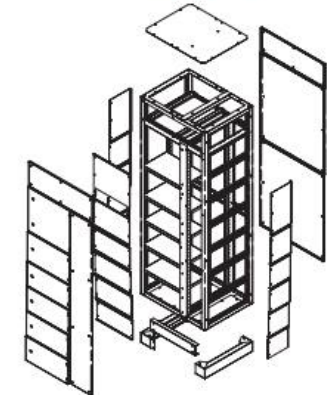
Outgoing Section



Cable Chamber



Busbar Chamber



ERC

Relay & Control Panels

- Floor Standing Cabinet with Plinth or Wheels.
- Optional Transparent Window in Front Door.
- Optional Internal Door and Back Door.
- Extendable Construction allowing Joining of 2 or more Cabinets.
- Side Panels are sold Separately.
- Frontal or side Double Mounting Plates.
- Vented Side Panels to improve heat dissipation.
- Optional 19" Rack with Adjustable Vertical Profiles.
- Powder Coated to RAL 7032 outside and 9003 inside.



FLOOR STANDING EXTENDABLE CABINETS, WITH SWING HANDLE DOOR, VENTILATION LOUVERS, MOUNTING PLATE AND BOTTOM GLAND PLATE, POWDER COATED TO RAL 7032 AND 9003.



DESCRIPTION

The ERC series are floor-standing sheet-metal cabinets extendable type supplied with or without side panels designed for housing the relays and control devices for high voltage control systems applications. The structure of the ERC cabinets allows two or more cabinets to be joined together with bolts and nuts. Sets of two side plates could be ordered separately to cover the sides of the whole set. ERC cabinet is made of galvanized sheet steel protected by a coating of polyester powder paint color RAL 7032 from the outside and RAL 9003 from the inside. The enclosure depth is 600 or 800mm, the width is from 600 or 800mm and the height is 2000 to 2200mm. The cabinet is designed for cables entry through a gland plate in the bottom. The gland plate is removable for easy drilling or punching on site or in the workshop. A foam gasket is installed under the plate in order to assure the waterproofing. The cabinet stands on a 100mm height plinth or 4 wheels. Two side mounting plate or one front mounting plate powder coated are installed with brackets inside the cabinet to accommodate the installation and cabling of the electrical components. The plates are removable allowing easy installation and wiring of components and devices in the workshop. One rack is installed in the front to accommodate 19" components. One front door with transparent PC window is fixed by means of four hinges and three points lock with handle. A back door could be ordered as well. A rubber gasket is there between the doors and the box body is in place.

SPECIFICATIONS

Galvanized sheet steel coated with oven-baked polyester paint.

Box body thickness:	2mm
Door thickness:	2mm
Mounting plate thickness:	2.5mm
Plinth thickness:	2.5mm
Coating Thickness:	90 micron.
Coating:	RAL 7032 Textured Outside. RAL 9003 Smooth Inside

DIMENSIONS

Height:	2000 or 2200mm
Width:	600 or 800mm
Depth:	600 or 800mm

APPLICATIONS

Housing of Electrical control and protection components for industrial High Voltage Systems.

STANDARDS

IEC 60429-1

SELECTION CHART

REFERENCE	H	W	D	Doors	Locks
	mm	mm	mm	No.	No.
ERC60 - 21506	2150	600	600	1	3p
ERC60 - 21508	2150	800	600	1	3p
ERC80 - 21506	2150	600	800	1	3p
ERC80 - 21508	2150	800	800	1	3p
ERC60 - 2P Set of 2 Side Panels	2150		600		
ERC80 - 2P Set of 2 Side Panels	2150		800		

ECD

Control Desks

- Floor Standing lower Cabinet with Desk and Top Cabinet.
- Concealed Hinges and Safety Locks for all Compartments.
- Steel Mounting Plates Powder Coated.
- Cable Entry Opening with Gland Plate and Sealing Joint.
- 100mm High Plinth.
- Installation of Electrical Control Components and Devices.
- Floor Standing.
- Protection against Water and Dust.



FLOOR STANDING CABINETS WITH DOORS,
MOUNTING PLATES, BOTTOM GLAND PLATES
AND PLINTH, POWDER COATED TO RAL 7032.



DESCRIPTION

The ECD series are floor standing sheet-metal enclosures supplied complete, designed for the housing of control low-voltage devices, for the industrial sector. The ECD electrical control desks are made of galvanized sheet steel protected by a coating of epoxy paint color RAL 7032. The enclosure depth is 200mm to 350mm, the width is 300mm to 1200mm and the height is 400mm to 1400mm. The enclosure is designed for cables entry through a gland plate in the bottom. The gland plate is removable for easy drilling or punching. A foam gasket is installed between the plate and the body. A mounting plate powder coated is installed on studs inside the enclosure to accommodate the installation and cabling of the electrical components. The Plate is removable and adjustable on the studs allowing easy installation and wiring of components and devices in the workshop. One door for each compartment is installed on the box body. Doors are fixed by means of two hinges and two double bit quarter turn.

SPECIFICATIONS

Galvanized sheet steel coated with oven-baked epoxy paint.

Box body thickness	1.2 or 1.5mm
Door thickness	1.2, 1.5 or 2mm
Mounting plate thickness	2mm
Coating thickness	90 micron
Color and Texture	RAL 7032 textured RAL 2000 (Mounting plate)

DIMENSIONS

Height:	1000mm or 1400mm
Width:	600mm to 1600mm
Depth:	800mm or 1000mm

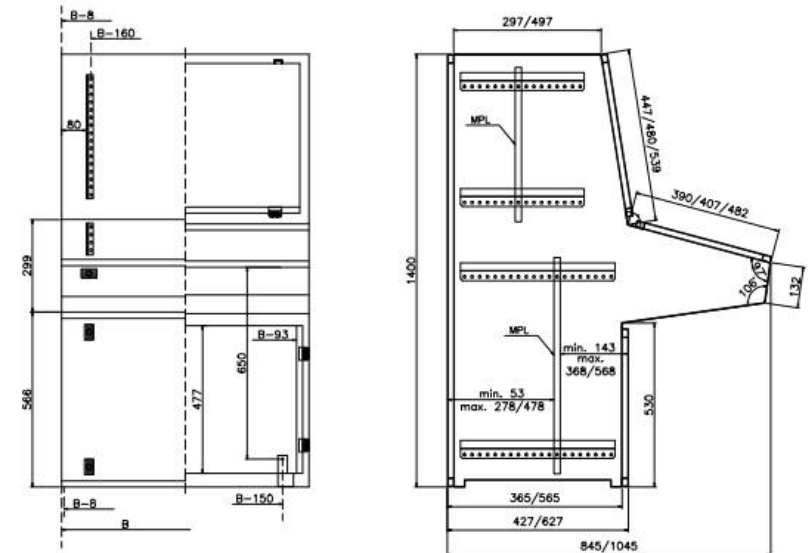
APPLICATIONS

Electrical control for LV and HV.

STANDARDS

IP 55 as per IEC 60529

DRAWINGS



SELECTION CHART

REFERENCE	H	W	D
	mm	mm	mm
ECD80-1006	1000	600	800
ECD80-1408	1400	800	800
ECD80-1410	1400	1000	800
ECD80-1412	1400	1200	800
ECD80-1416	1400	1600	800
ECD100-1408	1400	800	1000
ECD100-1410	1400	1000	1000
ECD100-1412	1400	1200	1000
ECD100-1416	1400	1600	1000

LMA

Modular Lockers

- Metal Modular Cabinet Joinable Vertically and Horizontally.
- Sheet Steel Textured Powder Coated.
- Floor Standing System could be assembled at Site or in the Factory.
- Flush Lock and Flush Pin Hinges.
- Ventilation Louvers on Doors.
- Cloth Hanger inside.
- Accessories include Joinable Plinth and Dust Canopy.

FLOOR STANDING MODULAR LOCKERS SYSTEM, MULTIPLE LOCKERS JOINABLE VERTICALLY AND HORIZONTALLY, POWDER COATED SHEET STEEL.

DESCRIPTION

The LMA Modular Lockers are single units steel enclosures that could be assembled together to make a lockers set or system. The Modular Lockers are made from Galvanized Sheet Steel protected by polyester paint powder coating. The single locker unit includes 2 cabinets, one plinth and one Canopy. The Lockers system is extendable by joining one unit beside the other. The Cabinets depth is 300 to 380mm, the width is 300 to 380mm and the height is 500 to 2000mm. This is a very flexible system of modular lockers design where the units can be connected by means of bolts and nuts as per the requirement and available space. The door is reversible ventilated mounted by means of pin hinges and can be locked with a quarter turn key lock. Optional coat hanging rods, custom identification systems and locks are available as options.



SPECIFICATIONS

Galvanized sheet steel coated with oven-baked polyester paint.

Box body thickness:	1mm
Door thickness:	1mm
Coating thickness:	60 micron
Color and Texture:	RAL 7035 Textured.

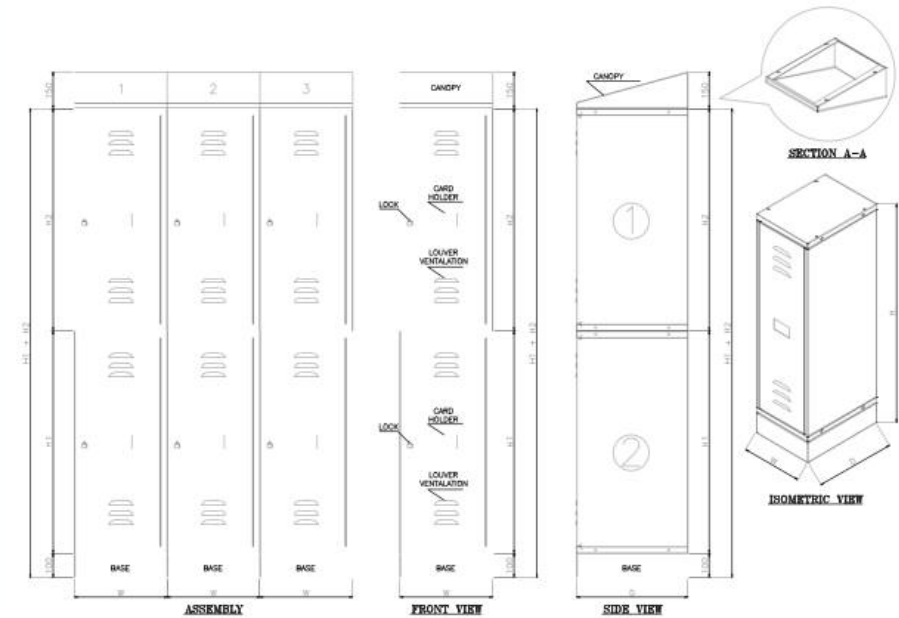
DIMENSIONS

Height:	500 to 2000mm
Width:	300 to 380mm
Depth:	300 to 380mm

APPLICATIONS

LMA Lockers are suitable for various applications or installation like in Gymnasium, Schools, Hospitals, Factories, Offices and Airports.

DRAWINGS



SELECTION CHART

#	Code	Description	H/mm	W/mm	D/mm
1	LMA60-2530	Triple Tier Locker	600	250	300
2	LMA60-2535	Triple Tier Locker	600	250	350
3	LMA60-2540	Triple Tier Locker	600	250	400
4	LMA60-3030	Triple Tier Locker	600	300	300
5	LMA60-3035	Triple Tier Locker	600	300	350
6	LMA60-3040	Triple Tier Locker	600	300	400
7	LMA60-3530	Triple Tier Locker	600	350	300
8	LMA60-3535	Triple Tier Locker	600	350	350
9	LMA60-3540	Triple Tier Locker	600	350	400
10	LMA060-4030	Triple Tier Locker	600	400	300
11	LMA060-4035	Triple Tier Locker	600	400	350
12	LMA060-4040	Triple Tier Locker	600	400	400
13	LMA090-2530	Double Tier Locker	900	250	300
14	LMA090-2535	Double Tier Locker	900	250	350
15	LMA090-2540	Double Tier Locker	900	250	400
16	LMA090-3030	Double Tier Locker	900	300	300
17	LMA090-3035	Double Tier Locker	900	300	350
18	LMA090-3040	Double Tier Locker	900	300	400
19	LMA090-3530	Double Tier Locker	900	350	300
20	LMA090-3535	Double Tier Locker	900	350	350
21	LMA090-3540	Double Tier Locker	900	350	400
22	LMA090-4030	Double Tier Locker	900	400	300
23	LMA090-4035	Double Tier Locker	900	400	350
24	LMA090-4040	Double Tier Locker	900	400	400
25	LMA180-2530	Single Tier Locker	1800	250	300
26	LMA180-2535	Single Tier Locker	1800	250	350
27	LMA180-2540	Single Tier Locker	1800	250	400
28	LMA180-3030	Single Tier Locker	1800	300	300
29	LMA180-3035	Single Tier Locker	1800	300	350
30	LMA180-3040	Single Tier Locker	1800	300	400
31	LMA180-3530	Single Tier Locker	1800	350	300
32	LMA180-3535	Single Tier Locker	1800	350	350
33	LMA180-3540	Single Tier Locker	1800	350	400
34	LMA180-4030	Single Tier Locker	1800	400	300
35	LMA180-4035	Single Tier Locker	1800	400	350
36	LMA180-4040	Single Tier Locker	1800	400	400
37	LMAP10-2530	Base Plinth	100	250	300
38	LMAP10-2535	Base Plinth	100	250	350
39	LMAP10-2540	Base Plinth	100	250	400
40	LMAP10-3030	Base Plinth	100	300	300
41	LMAP10-3035	Base Plinth	100	300	350
42	LMAP10-3040	Base Plinth	100	300	400
43	LMAP10-3530	Base Plinth	100	350	300
44	LMAP10-3535	Base Plinth	100	350	350
45	LMAP10-3540	Base Plinth	100	350	400



EDF

Feeder Pillars enclosures Double Wall

- Aluminum Double Wall Enclosure Cabinet with Canopy, Plinth and Doors.
- Powder Coated RAL 7032.
- Concealed Hinges and T Handle Lock.
- Steel Mounting Plate Powder Coated.
- Cable Entry Opening with Gland Plate and Sealing Joint.
- Installation of Electrical Protection and Control Devices.
- Exterior Floor Standing.
- Protection against Water and Dust. (IP55) or IP (65).

DOUBLE WALL ALUMINUM FLOOR STANDING CABINETS IP55 OR IP65, WITH PLINTH AND CANOPY, SWING HANDLE DOOR, MOUNTING PLATE AND BOTTOM GLAND PLATE, POWDER COATED TO RAL 7032 TEXTURED.



DESCRIPTION

The EDF series are floor-standing sheet Aluminum cabinets in double wall construction with top and bottom ventilation, supplied complete designed for housing of low-current control devices, requiring low peak temperature. EDF electrical cabinet is made of Al-Mg sheet Aluminum Double wall, protected by a coating of polyester powder paint color RAL 7032. The enclosure depth is from 300 to 400mm, the width is from 800 to 1400mm and the height is 1000mm or 1800mm. The box is designed for cables or conduits entry through a gland plate in the bottom. The gland plate is removable for easy drilling or punching on site or in the workshop. A foam gasket is installed under the plate in order to assure the waterproofing.

The cabinet stands on a 100mm height integral plinth. A mounting plate powder coated is installed with brackets inside the cabinet to accommodate the installation and cabling of the electrical components. The plate is removable and adjustable on the brackets allowing easy installation and wiring of components and devices in the workshop. One door is installed on the box body for enclosures 1000mm and less in width. For larger enclosures, two doors are in place. Doors are fixed by means of two concealed hinges and T handle with 3 points locking system. A clip on gasket between the door and the box body assuring the waterproofing of the box.

SPECIFICATIONS

Aluminum coated with oven-baked polyester paint.

Box body outer wall thickness: 3mm

Box body inner wall thickness: 2mm

Door outer wall thickness: 3mm

Door Inner wall thickness: 2mm

Mounting plate thickness: 3mm

Coating Thickness: 90 Micron

Coating: RAL 7032 textured.

DIMENSIONS

Height: 1000 to 1800mm

Width: 800 to 1400mm

Depth: 300 to 400mm

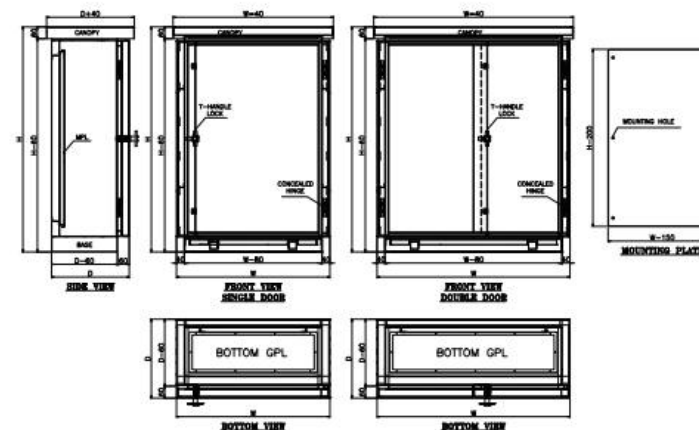
APPLICATIONS

Electrical distribution and control in Public Areas.

STANDARDS

IP 55 or IP 65 as per IEC 60529

DRAWINGS



SELECTION CHART

REFERENCE	H	W	D	Doors	Locks
	mm	mm	mm	No.	No.
EDF30-1008	1000	800	300	1	3P
EDF30-1208	1200	800	300	1	3P
EDF30-1210	1200	1000	300	1	3P
EDF30-1212	1200	1200	300	2	3P
EDF35-1408	1400	800	350	1	3P
EDF35-1410	1400	1000	350	1	3P
EDF35-1412	1400	1200	350	2	3P
EDF35-1414	1400	750	350	2	3P
EDF35-1610	1600	1000	350	1	3P
EDF35-1612	1600	1200	350	2	3P
EDF35-1614	1600	1400	350	2	3P
EDF40-1808	1800	800	400	1	3P
EDF40-1810	1800	1000	400	1	3P
EDF40-1812	1800	1200	400	2	3P
EDF40-1814	1800	1400	400	2	3P

ESF

Feeder Pillars Enclosures Single Wall

- Aluminum Enclosure Cabinet with Canopy, Plinth and Doors.
- Powder Coated RAL 7032.
- Lift-off Hinges and Swing Handle Lock.
- Steel Mounting Plate Powder Coated.
- Cable Entry Opening with Gland Plate and Sealing Joint.
- Installation of Electrical Protection Devices.
- Exterior Floor Standing.
- Protection against Water and Dust. (IP55)



SINGLE WALL ALUMINUM FLOOR STANDING CABINETS IP55 WITH PLINTH AND CANOPY, SWING HANDLE DOOR, MOUNTING PLATE AND BOTTOM GLAND PLATE, POWDER COATED TO RAL 7032 TEXTURED.



DESCRIPTION

The ESF series are floor-standing sheet Aluminum cabinets supplied complete designed for housing of protection low-voltage devices, for street lighting or any other application requiring outdoor public electrical distribution. ESF electrical cabinet is made of Al-Mg sheet Aluminum Single or Double wall, protected by a coating of polyester powder paint color RAL 7032. The enclosure depth is from 250 to 350mm, the width is from 750 to 1200mm and the height is 1000mm or 1400mm. The box is designed for cables or conduits entry through a gland plate in the bottom. The gland plate is removable for easy drilling or punching on site or in the workshop. A foam gasket is installed under the plate in order to assure the waterproofing.

The cabinet stands on a 100mm height integral plinth. A mounting plate powder coated is installed with brackets inside the cabinet to accommodate the installation and cabling of the electrical components. The plate is removable and adjustable on the brackets allowing easy installation and wiring of components and devices in the workshop.

One door is installed on the box body for enclosures 1000mm and less in width. For larger enclosures, two doors are in place. Doors are fixed by means of two lift-off hinges and two locks for single door enclosures. As for double door enclosures a three point lock will be in place. A clip on gasket between the door and the box body assuring the waterproofing of the box.

SPECIFICATIONS

Aluminum coated with oven-baked polyester paint.

Box body thickness:	2 to 3mm
Door thickness:	2 to 3mm
Mounting plate thickness:	2 to 3mm
Coating Thickness:	90 Micron
Coating:	RAL 7032 textured.

DIMENSIONS

Height:	1000 to 1400mm
Width:	750 to 1400mm
Depth:	300 to 350mm

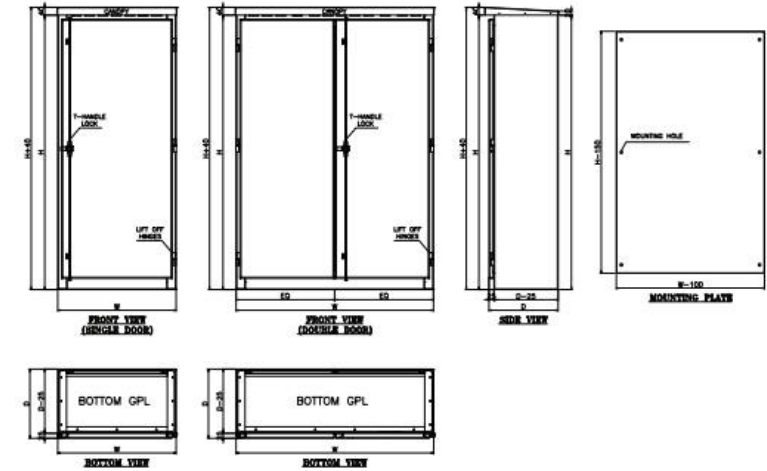
APPLICATIONS

Electrical distribution in Public Areas.

STANDARDS

IP 55 as per IEC 60529

DRAWINGS



SELECTION CHART

REFERENCE	H	W	D	Doors	Locks
	mm	mm	mm	No.	No.
ESF30-1075	1000	750	300	1	2
ESF30-1208	1200	800	300	1	2
ESF30-1210	1200	1000	300	1	2
ESF30-1212	1200	1200	300	2	3P
ESF35-1208	1200	800	300	1	2
ESF35-1210	1200	1000	350	1	2
ESF35-1212	1200	1200	350	2	3P
ESF35-1214	1200	1400	350	2	3P
ESF35-1410	1400	1000	350	1	2
ESF35-1412	1400	1200	350	2	3P
ESF35-1414	1400	1400	350	2	3p

BCR

Battery Cabinet

- Steel Enclosure Frame with Door, Top and Back Panels.
- Louvers Ventilated Side Panels .
- Floor Mounting on 100mm plinth.
- Powder Coated RAL 7032.
- Concealed Hinges and Swing Handle Lock.
- Steel Shelves Powder Coated.
- Cable Entry Opening with Gland Plate and Sealing Joint.
- Installation of Batteries for Power Systems.

FLOOR STANDING CABINETS, WITH SWING HANDLE DOOR, BATTERY SHELVES, PLINTH AND BOTTOM GLAND PLATE, VENTILATED AND POWDER COATED TO RAL 7032.



DESCRIPTION

The BCR series are floor-standing sheet-metal cabinets supplied complete designed for housing sealed lead-acid or NiCd batteries, for electrical back-up or security power systems. BCR Battery cabinet is made of galvanized sheet steel protected by a coating of epoxy paint color RAL 7032. The enclosure depth is from 600 to 1000mm, the width is from 600mm to 1200mm and the height is 2000mm.

The box is designed for cables or conduits entry through a gland plate in the bottom. The gland plate is removable for easy drilling or punching on site or in the workshop. A foam gasket is installed under the plate in order to assure the waterproofing. Four battery shelves with cross reinforcement, powder coated, are fastened at seven points each, inside the cabinet with a capacity of 800 kg./m² each. The shelves are removable and adjustable in height.

One reversible door is installed on the box body for enclosures 1000mm and less in width. For larger enclosures, two doors are in place. Doors are fixed by means of tree hinges and three point locks. A foam gasket between the door and the box body assuring smooth closing. The doors and sides are ventilated by means of ventilation louvers allowing proper breathing of the cabinet and components. The cabinet is mounted on a 100mm high plinth.

SPECIFICATIONS

Galvanized sheet steel coated with oven-baked epoxy paint.

Frame thickness:	2mm
Door thickness:	2mm
Shelves thickness:	2.5mm
Coating thickness:	100 micron
Color and Texture:	RAL 7032 textured.
Shelves Capacity:	800kg. / m2 of shelf

DIMENSIONS

Height:	2000mm
Width:	600 to 1200mm
Depth:	600 to 1000mm

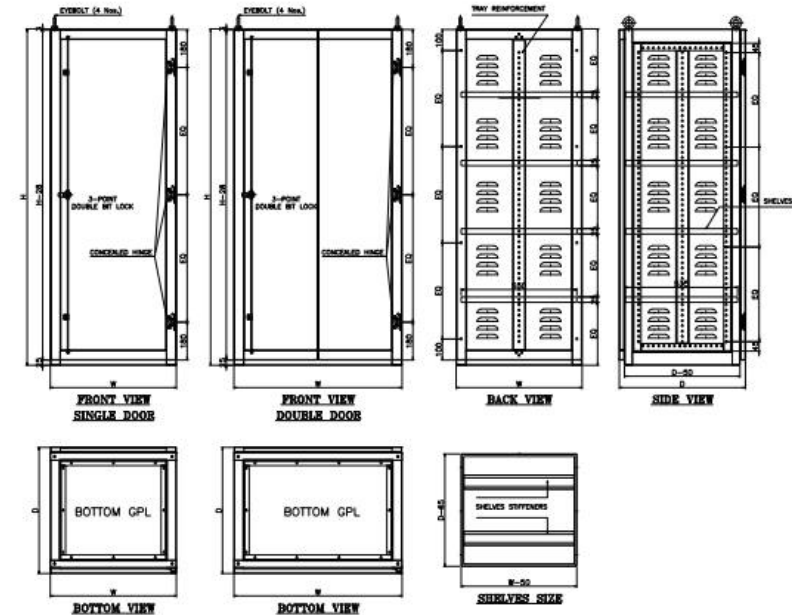
APPLICATIONS

Housing of Lead Acid Batteries for Power Systems such as UPS, DC, and Solar Systems.

STANDARDS

IP 44 as per IEC 60529

DRAWINGS



SELECTION CHART

REFERENCE	H	W	D	Shelves	Doors	Locks
	mm	mm	mm	No.	No.	No.
BCR60 - 2006	2000	600	600	4	1	3p
BCR60 - 2008	2000	800	600	4	1	3p
BCR60 - 2010	2000	1000	600	4	1	3p
BCR60 - 2012	2000	1200	600	4	2	3p
BCR80 - 2006	2000	600	800	4	1	3p
BCR80 - 2008	2000	800	800	4	1	3p
BCR80 - 2010	2000	1000	800	4	1	3p
BCR80 - 2012	2000	1200	800	4	2	3p
BCR100 - 2006	2000	600	1000	4	1	3p
BCR100 - 2008	2000	800	1000	4	1	3p
BCR100 - 2010	2000	1000	1000	4	1	3p
BCR100 - 2012	2000	1200	1000	4	2	3p

BOR

Open Battery Rack

- Steel Dismantled Rack to be Assembled at Site.
- MS Hollow Sections Construction.
- Floor Mounting on Base Plates.
- Powder Coated RAL 9005.
- Installation of Batteries for Power Systems.
- End Caps Tubes Closing.

FLOOR STANDING STEEL OPEN BATTERY RACK,
TO BE ASSEMBLED ON SITE, SQUARE HOLLOW
SECTIONS COLUMNS AND SHELVES, BASE PLATES
AND CLOSING CAPS, POWDER COATED TO RAL
9005.



DESCRIPTION

The BOR series are floor-standing steel racks supplied Dismantled, designed for accommodating lead-acid or NiCd batteries, for electrical back-up or security power systems. BOR Battery Racks are made of steel hollow sections protected by a coating of powder paint color RAL 9005. Sections are assembled on site by means of fasteners. The sections ends are closed with end caps. The rack depth is from 600 to 1000mm, the width is from 600mm to 1200mm and the height is from 1400 to 2500mm. The rack is designed to stand on a base plate in regular or raised floor rooms. Cabling is made easily on the batteries and the ventilation optimized. These racks are manufactured as per the exact requirement. Up to Seven battery shelves could be mounted with diagonal reinforcement on the system.

SPECIFICATIONS

Galvanized sheet steel coated with oven-baked epoxy paint.

Column thickness:	3mm
Shelves thickness:	3mm
Base Plate thickness	5mm
Coating thickness:	100 micron
Color and Texture:	RAL 9005 textured.
Shelves Capacity:	800kg. / m2 of shelf

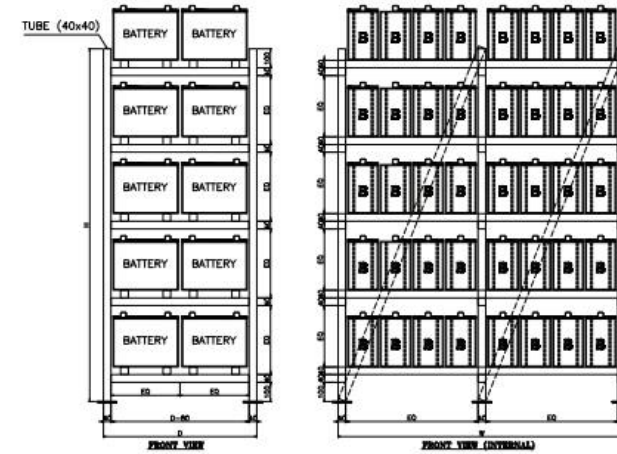
DIMENSIONS

Height:	1600 to 2500mm
Width:	600 to 1200mm
Depth:	600 to 1000mm

APPLICATIONS

Housing of Lead Acid Batteries for Power Systems such as UPS, DC, and Solar Systems.

DRAWINGS



SELECTION CHART

REFERENCE	H	W	D	Shelves
	mm	mm	mm	No.
BOR60 - 1406/2	1400	600	600	2
BOR60 - 1606/3	1600	600	600	3
BOR60 - 1806/4	1800	600	600	4
BOR60 - 2006/5	2000	600	600	5
BOR60 - 2206/6	2200	600	600	6
BOOR60 - 2406/7	2400	600	600	7
BOR80 - 1406/2	1400	600	800	2
BOR80 - 1606/3	1600	600	800	3
BOR80 - 1806/4	1800	600	800	4
BOR80 - 2006/5	2000	600	800	5
BOR80 - 2206/6	2200	600	800	6
BOR80 - 2406/7	2400	600	800	7
BOR100 - 1408/2	1400	800	1000	2
BOR100 - 1608/3	1600	800	1000	3
BOR100 - 1808/4	1800	800	1000	4
BOR100 - 2008/5	2000	800	1000	5
BOR100 - 2208/6	2200	800	1000	6
BOR100 - 2408/7	2400	800	1000	7



**ARABIAN
LEADER**
METAL BOXES

BOS

Open Battery Stand

- Steel Dismantled Stand Delivered Assembled.
- MS Hollow Sections Construction with Side Panels.
- Floor Mounting on Base Plates.
- Powder Coated RAL 7035 / 9005.
- Installation of NiCD / NiMH Batteries.
- End Caps Tubes Closing.



FLOOR STANDING STEEL OPEN BATTERY STAND, DELIVERED ASSEMBLED, SQUARE HOLLOW SECTIONS COLUMNS AND SHELVES, SIDE PANELS AND CLOSING CAPS, POWDER COATED TO RAL 7035 / 9005.



DESCRIPTION

The BOS series are floor-standing steel stands supplied Assembled, designed for accommodating NiCd or NiMH batteries, for telecom Networks , DC systems, HV requirements or security power systems. OBS Battery Stands are made of steel hollow sections protected by a coating of powder paint color RAL 9005. Sections are with side panels in by means of fasteners. The sections ends are closed with end caps. The rack depth is from 600 to 1000mm, the width is from 600mm to 1200mm and the height is from 600 to 1200mm. The Stand is designed in Steps, Tiers and Sections: 2 or 3 Steps, 1 or two tiers, 1 or 2 Sections.

SPECIFICATIONS

Galvanized sheet steel coated with oven-baked epoxy paint.

Column thickness:	3mm
Shelves thickness:	3mm
Base Plate thickness	5mm
Coating thickness:	100 micron
Color and Texture:	RAL 9005 textured.
Shelves Capacity:	800kg. / m2 of shelf

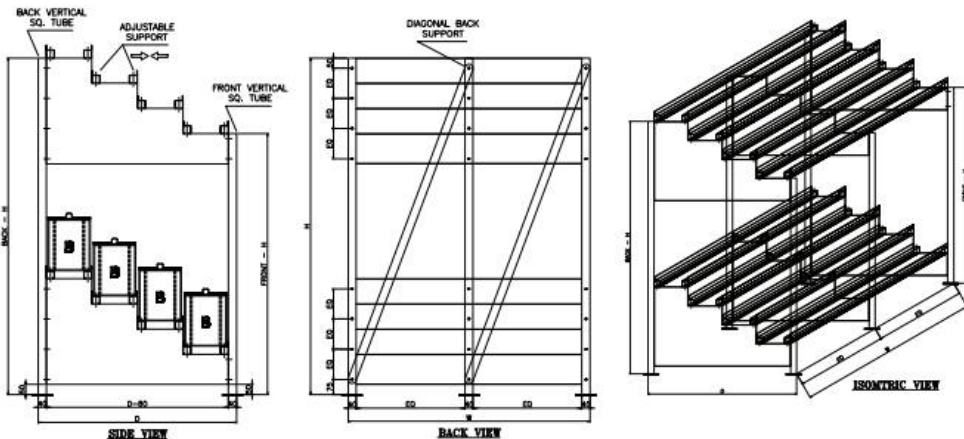
DIMENSIONS

Height:	1600 to 2500mm
Width:	600 to 1200mm
Depth:	600 to 1000mm

APPLICATIONS

Housing of Lead Acid Batteries for Power Systems such as UPS, DC, and Solar Systems.

DRAWINGS



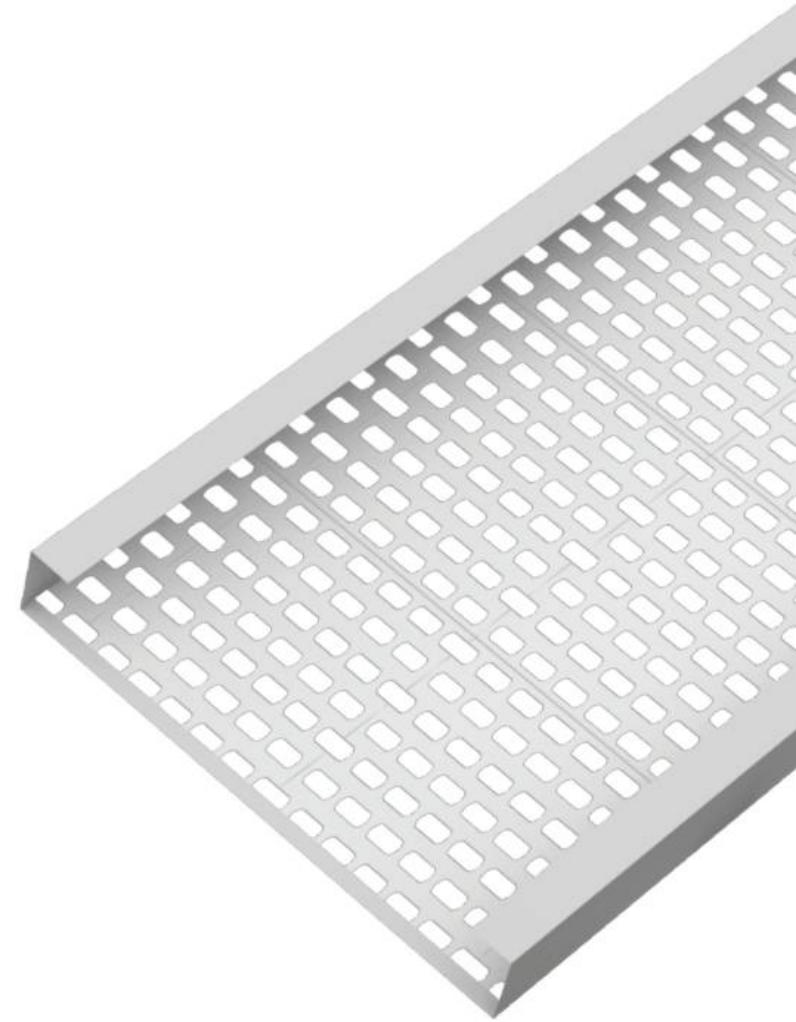
SELECTION CHART

REFERENCE	H	W	D	Shelves
	mm	mm	mm	No.
BOR60 - 1406/2	1400	600	600	2
BOR60 - 1606/3	1600	600	600	3
BOR60 - 1806/4	1800	600	600	4
BOR60 - 2006/5	2000	600	600	5
BOR60 - 2206/6	2200	600	600	6
BOOR60 - 2406/7	2400	600	600	7
BOR80 - 1406/2	1400	600	800	2
BOR80 - 1606/3	1600	600	800	3
BOR80 - 1806/4	1800	600	800	4
BOR80 - 2006/5	2000	600	800	5
BOR80 - 2206/6	2200	600	800	6
BOR80 - 2406/7	2400	600	800	7
BOR100 - 1408/2	1400	800	1000	2
BOR100 - 1608/3	1600	800	1000	3
BOR100 - 1808/4	1800	800	1000	4
BOR100 - 2008/5	2000	800	1000	5
BOR100 - 2208/6	2200	800	1000	6
BOR100 - 2408/7	2400	800	1000	7

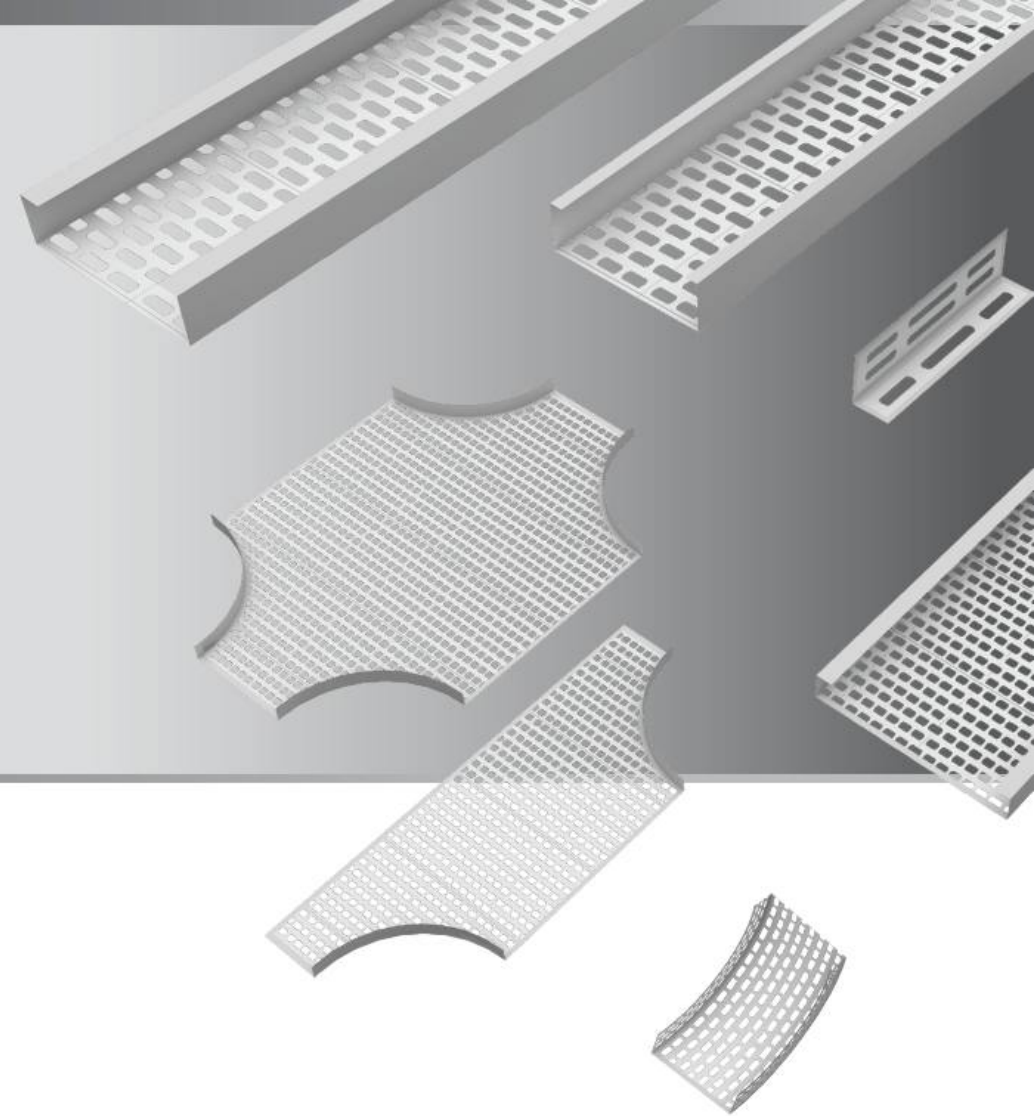
CTP

Cable Trays & Accessories

- Perforated Steel Sheet Hot Dip Galvanized.
- Different Heights with Bent Borders.
- Wide Range of Accessories and Fixing System.
- Easy Installation on Wall or Ceiling.
- Bent Borders and Reinforced Panel Body.



HOT DIP GALVANIZED STEEL PERFORATED CABLE TRAYS & ACCESSORIES



DESCRIPTION

CTP Cable Tray is an overhead support system, widely used to the protection and distribution of power cables. CTP Cable Trays are manufactured from Hot Dip Galvanized, perforated Sheet Steel of different thicknesses and widths to meet the requirements of weight and size. The height of the borders is 50 or 80mm. Borders are bent on the edge to avoid scratching of the cables during the Installation. With a complete range of accessories, the cable tray system could be delivered including Panels, Joining Couplers, Elbows, Tees, Cross Tees, Risers and Reducers. For the fixing system, It includes a perforated Wall Chancel which can be cut to length on site and a Cantilever Bracket.

SPECIFICATIONS

Hot Dip Galvanized sheet steel perforated.

Sheet thickness 0.8 - 2mm

DIMENSIONS

Height: 50 to 80 mm
Width: 100 for 1000mm

APPLICATIONS

Electrical cables laying in industrial and commercial buildings.

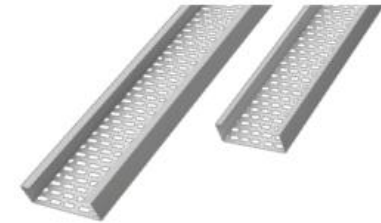
STANDARDS

IEC 61537 for Cable tray systems and cable ladder systems for electrical installations" defines the characteristics of the cable tray product. This standard defines the configurations of the mechanical tests to be carried out on the cable tray, brackets, hangers and other accessories. It also specifies the requirements and methodologies for electrical continuity tests that the cable trays and splices must meet.

SELECTION CHART

CODE	W/mm
Cable Tray H50 L2000	
CTP50-2010	100
CTP50-2015	150
CTP50-2020	200
CTP50-2030	300
CTP50-2040	400
CTP50-2050	500
CTP50-2060	600
CTP50-2070	700
CTP50-2080	800
CTP50-2090	900
CTP50-2100	1000

CODE	W/mm
Cable Tray H80 L2000	
CTP80-2010	100
CTP80-2015	150
CTP80-2020	200
CTP80-2030	300
CTP80-2040	400
CTP80-2050	500
CTP80-2060	600
CTP80-2070	700
CTP80-2080	800
CTP80-2090	900
CTP80-2100	1000

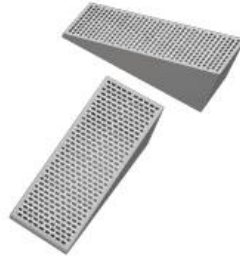


CODE	W/mm
Elbow H50	
CTE50-2010	100
CTE50-2015	150
CTE50-2020	200
CTE50-2030	300
CTE50-2040	400
CTE50-2050	500
CTE50-2060	600
CTE50-2070	700
CTE50-2080	800
CTE50-2090	900
CTE50-2100	1000

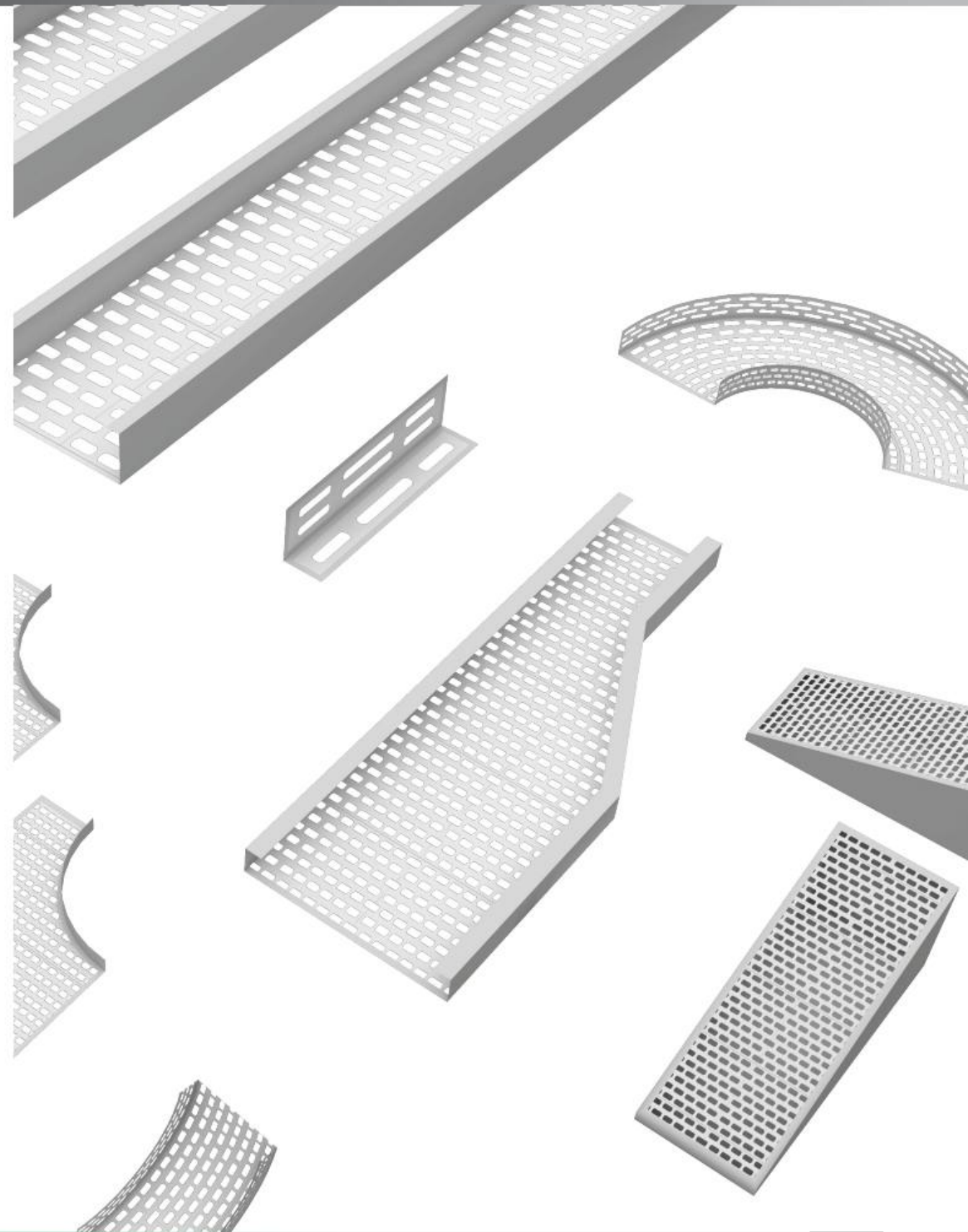
CODE	W/mm
Elbow H80	
CTE80-2010	100
CTE80-2015	150
CTE80-2020	200
CTE80-2030	300
CTE80-2040	400
CTE80-2050	500
CTE80-2060	600
CTE80-2070	700
CTE80-2080	800
CTE80-2090	900
CTE80-2100	1000



CODE	W/mm
Cantilever Bracket	
CTS50-0100	100
CTS50-0150	150
CTS50-0200	200
CTS50-0300	300
CTS50-0400	400
CTS50-0500	500
CTS50-0600	600
CTS50-0700	700
CTS50-0800	800
CTS50-0900	900
CTS50-1000	1000



CODE	W/mm	L/mm
Channel Support		
CTN10-5050	50	100
Joining Coupler		
CTJ50-025	50	250
CTJ80-025	80	250



CODE	W/mm
Tee H50	
CTT50-2010	100
CTT50-2015	150
CTT50-2020	200
CTT50-2030	300
CTT50-2040	400
CTT50-2050	500
CTT50-2060	600
CTT50-2070	700
CTT50-2080	800
CTT50-2090	900
CTT50-2100	1000

CODE	W/mm
Tee H80	
CTT80-2010	100
CTT80-2015	150
CTT80-2020	200
CTT80-2030	300
CTT80-2040	400
CTT80-2050	500
CTT80-2060	600
CTT80-2070	700
CTT80-2080	800
CTT80-2090	900
CTT80-2100	1000



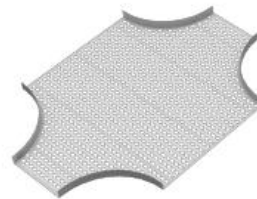
CODE	W/mm
Riser H50	
CTR50-2010	100
CTR50-2015	150
CTR50-2020	200
CTR50-2030	300
CTR50-2040	400
CTR50-2050	500
CTR50-2060	600
CTR50-2070	700
CTR50-2080	800
CTR50-2090	900
CTR50-2100	1000

CODE	W/mm
Riser H80	
CTR80-2010	100
CTR80-2015	150
CTR80-2020	200
CTR80-2030	300
CTR80-2040	400
CTR80-2050	500
CTR80-2060	600
CTR80-2070	700
CTR80-2080	800
CTR80-2090	900
CTR80-2100	1000



CODE	W/mm
Cross H50	
CTC50-2010	100
CTC50-2015	150
CTC50-2020	200
CTC50-2030	300
CTC50-2040	400
CTC50-2050	500
CTC50-2060	600
CTC50-2070	700
CTC50-2080	800
CTC50-2090	900
CTC50-2100	1000

CODE	W/mm
Cross H80	
CTC80-2010	100
CTC80-2015	150
CTC80-2020	200
CTC80-2030	300
CTC80-2040	400
CTC80-2050	500
CTC80-2060	600
CTC80-2070	700
CTC80-2080	800
CTC80-2090	900
CTC80-2100	1000



CODE	W/mm
Reducer H50	
CTD50-1510	150/100
CTD50-2015	200/150
CTD50-3020	300/200
CTD50-4030	400/300
CTD50-5040	500/400
CTD50-6050	600/500
CTD50-7060	700/600
CTD50-8070	800/700
CTD50-9080	900/800
CTD50-1090	1000/900

CODE	W/mm
Reducer H80	
CTD80-2010	150/100
CTD80-2015	200/150
CTD80-2020	300/200
CTD80-2030	400/300
CTD80-2040	500/400
CTD80-2050	600/500
CTD80-2060	700/600
CTD80-2070	800/700
CTD80-2080	900/800
CTD80-2090	1000/900





CONTACT US



Info@arabian-leader.com



0781116968



www.arabian-leader.com



ابو علندا، بالقرب من دوار الرجيب



Arabian Leader Engineering Industries



@arabianleaderengineering

Quality metal enclosures for demanding electrical distribution, control and infrastructure projects.