

SERVICE  
ENCLOSURES  
MODULAR  
ENCLOSURES  
TELEPHONE  
ENCLOSURES



# SERVICE ENCLOSURES

## APPLICATION

ELETRA Service Enclosures are designed to accommodate various types of electrical switchgear and controlgear assemblies to suit a variety of electrical installations in commercial and light industrial premises. It is designed for both indoor and outdoor applications (IP55/NEMA-3R).

# enclosure

**enclosure** /en'laieb(e)l/ n. i (also inclosure) 1 the act of enclosing. 2 an enclosed space or area. 3 an enclosing fence etc.



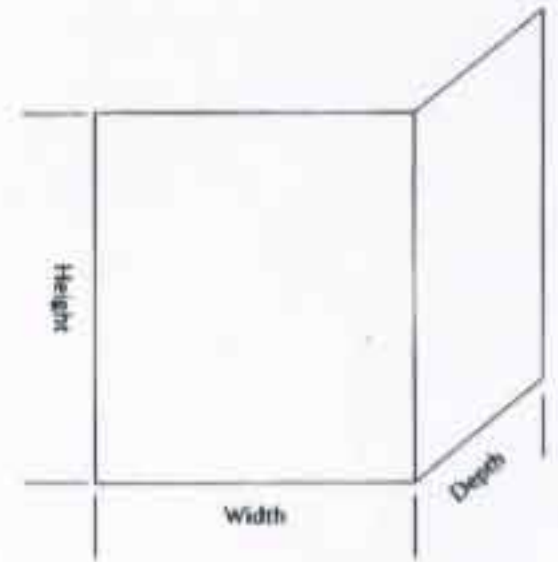
### Other Features:

- A. Made out of high quality electro-galvanised steel sheet of 1.6 - 2.0 mm thickness
- B. Also available in stainless steel for outdoor (NEMA 4X) applications.
- C. Mounting plate made of 2 mm GI steel
- D. Available in double door construction for width more than 1000 mm
- E. Floor mounting base for larger sizes
- F. Adjustable mounting plate (for depth greater than 300 mm)
- G. 3-point CAM lock for larger sizes ensures uniform locking over the entire length (above 1200 mm height)
- H. Interchangeable door opening direction

## SPECIFICATION

ELETRA Service Enclosure are suitable for-

Service Voltage : 415/240/120v AC  
 Degree of Protection : IP55/NEMA 4X/NEMA 3R



# service

**service/servis/n. 1** the act of helping or doing work for another or for a community etc.  
**2** work done in this way **3** assistance or advice given to customers after the sale of goods.



SIZES AVAILABLE (mm)

S #	HEIGHT	WIDTH	DEPTH	CAT. NO.	S #	HEIGHT	WIDTH	DEPTH	CAT. NO.
1	200	200	150	SB90281	26	700	500	250	SB90340
2	250	200	150	SB90282	27	700	600	200	SB90293
3	300	200	150	SB90283	28	700	600	250	SB90350
4	300	250	150	SB90284	29	800	600	200	SB90294
5	300	250	200	SB90331	30	800	600	250	SB90156
6	400	300	200	SB90285	31	800	600	300	SB90351
7	400	300	150	SB90286	32	800	800	200	SB90295
8	400	300	200	SB90152	33	800	800	250	SB90296
9	400	400	150	SB90287	34	800	800	300	SB90306
10	400	400	200	SB90288	35	1000	600	200	SB90297
11	400	600	250	SB90232	36	1000	600	250	SB90298
12	400	600	300	SB90333	37	1000	600	300	SB90302
13	500	400	150	SB90289	38	1000	800	200	SB90299
14	500	400	200	SB90153	39	1000	800	250	SB90300
15	500	400	250	SB90335	40	1000	800	300	SB90301
16	500	500	250	SB90336	41	1200	800	200	SB90303
17	600	400	150	SB90290	42	1200	800	250	SB90304
18	600	400	200	SB90154	43	1200	1000	250	SB90348
19	600	400	250	SB90334	44	1200	1000	300	SB90201
20	800	500	150	SB90337	45	1200	1200	300	SB90352
21	600	500	200	SB90291	46	1400	1000	300	SB90353
22	800	500	250	SB90338	47	1600	1000	300	SB90354
23	600	600	200	SB90292	48	1600	1200	400	SB90355
24	600	600	300	SB90349	49	1800	1200	400	SB90356
25	700	500	200	SB90155	50	2000	1200	400	SB90357

Note: Item Nos 43 to 50 are double door free-standing type.



# MODULAR ENCLOSURE

## APPLICATION

ELETRA Modular Type Enclosures are standard enclosures suitable for mounting various types of DIN rail switchgear components used for safe and reliable distribution and control.

# module



**module** /mo(dul)|/ adj. 1 a standardized part or independent unit used in construction. 2 a standard or unit of measurement.

KNOCKOUTS PROVIDED ON ALL SIDES OF THE ENCLOSURE

AVAILABLE UP TO 6 ROWS

ADJUSTABLE RAIL MOUNTING ASSEMBLY MADE OF ZINC-PLATED STEEL (PAINTING ALSO CAN BE DONE)



MATT FINISH POLYESTER POWDER-COATED PAINT IN RAL-7035 LIGHT GREY COLOUR (OTHER COLOURS ALSO AVAILABLE UPON REQUEST)

EACH ROW CAPABLE OF ACCEPTING UP TO 16 DIN RAIL MODULES

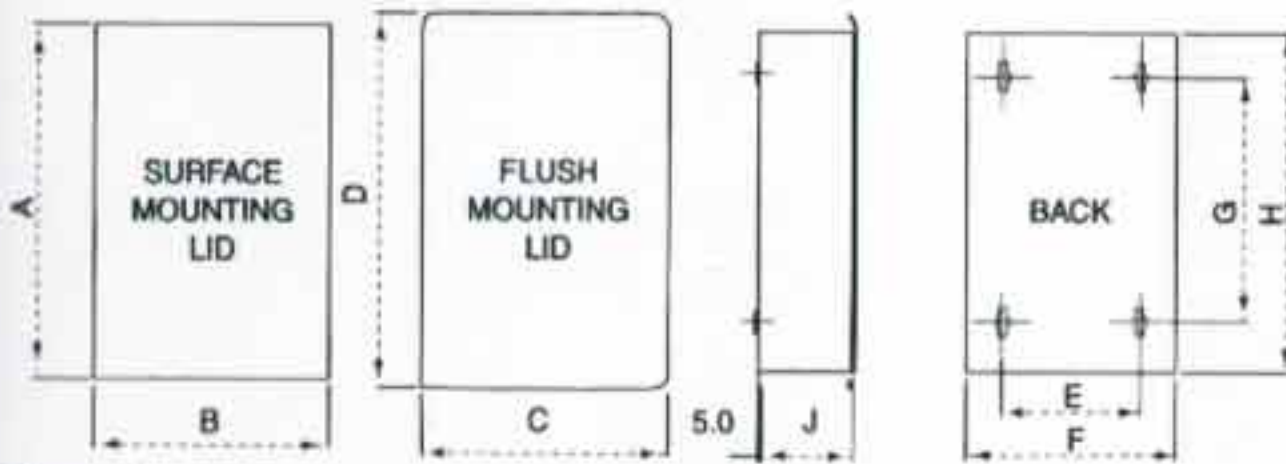
### Other Features:

- A. Made out of high quality electro-galvanised steel sheet of 1.2 - 1.6 mm thickness
- B. Designed for indoor (IP41/NEMA 1) applications
- C. Complies with IEC and NEMA Standards
- D. Wider enclosure offers ease of wiring
- E. Interchangeable door opening direction
- F. Flush and Surface mounted designs

### Options:

- Neutral & earth terminals made of tin plated ETP grade copper
- Door with transparent window
- Door with cam type key-lock

# SPECIFICATIONS



ELETRA Modular Enclosure are suitable for -  
 Service Voltage : 415/240/120V AC  
 Indoor IP41 applications

Figure 1

# strength

strength/stre:gt/n. 1 the state of being strong; the degree to which, or respect in which, a person or thing is strong.  
 2 a person or thing affording strength or support.



## PRODUCT STRENGTH IN DEMANDING CONDITIONS



MODULAR ENCLOSURE DIMENSIONS ( Refer Figure 1)										
ROWS	A	B	C	D	E	F	G	H	J	CAT. NO.
1 Row	311	450	464	326	360	440	220	300	115	SB90342
2 Row	461	450	464	476	360	440	370	450	115	SB90343
3 Row	611	450	464	626	360	440	520	600	115	SB90344
4 Row	763	450	464	776	360	440	670	750	115	SB90345
5 Row	911	450	464	926	360	440	820	900	115	SB90346
6 Row	1061	450	464	1076	360	440	970	1050	115	SB90347



## TESTING

Each ELETRA product gose throughthe critical eyes of the testing inspector to ascertain conformance and æsthetic features.



# TELEPHONE ENCLOSURE

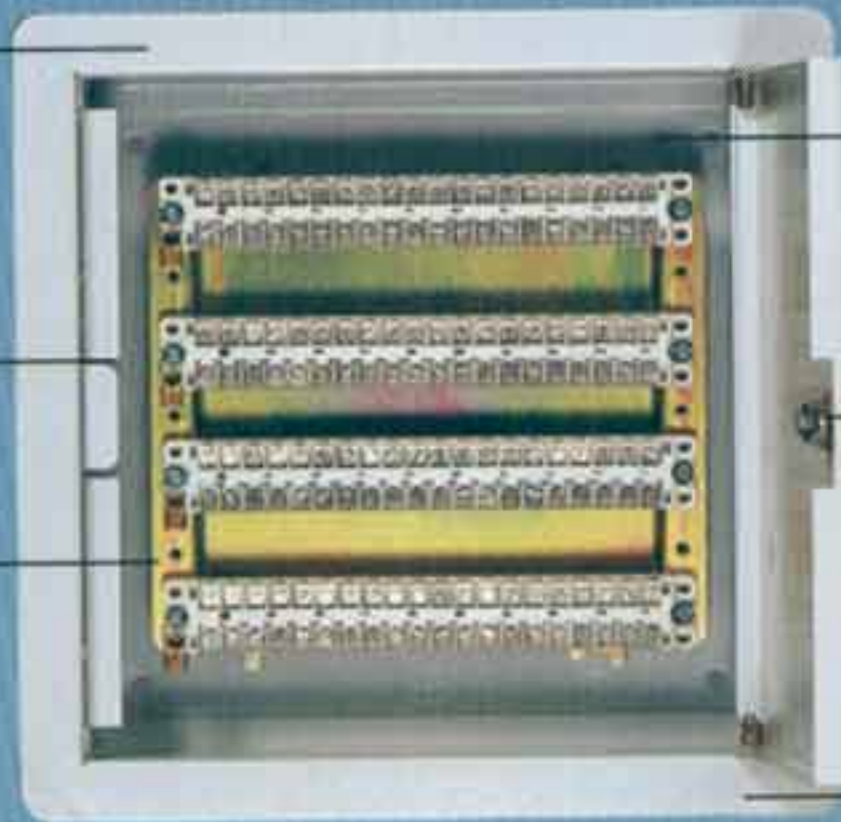
## APPLICATION

Eletra telephone enclosures are designed to accommodate standard telephone connectors used for domestic and commercial applications. Suitable for flush or surface mounting confirming to IP41/NEMA1 applications.

MADE OUT OF HIGH QUALITY ELECTRO-GALVANISED STEEL SHEET OF 1.2 - 1.5 MM THICKNESS

KNOCKOUTS PROVIDED ON ALL SIDES

ADJUSTABLE MOUNTING PLATE ASSEMBLY MADE OF ZINC PLATED STEEL SHEET



WIDER ENCLOSURE FOR EASE OF WIRING

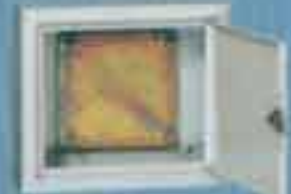
DOOR WITH CAM TYPE KEY LOCK FOR EXTRA SAFETY

MAT-FINISH POWDER POWDER COATED PAINT IN RAL 7035 LIGHT GREY COLOUR. OTHER COLOURS ALSO AVAILABLE UPON REQUEST.

- Designed for indoor (IP 41/ NEMA1) application
- Flush and surface mounted designs

### AVAILABLE STANDARD SIZES

S #	DESCRIPTION	HEIGHT	WIDTH	DEPTH	CONNECTION PAIRS	CAT. NO.
1	Telephone Box- Surface Type	230	230	100	10 TO 40	SB90364
2	Telephone Box- Flush Type	230	230	100	10 TO 60	SB90363
3	Telephone Box- Surface Type	300	330	100	10 TO 70	SB90366
4	Telephone Box- Flush Type	300	330	100	10 TO 80	SB90365
5	Telephone Box- Surface Type	370	520	100	10 TO 140	SB90368
6	Telephone Box- Flush Type	370	520	100	10 TO 160	SB90367
7	Telephone Box- Surface Type	520	620	100	10 TO 420	SB90369





## CERTIFICATION

ELETRA IS APPROVED BY:

**SAUDI ARAMCO**  
**SAUDI ARABIAN OIL COMPANY**

**SEC**  
**SAUDI ELECTRIC CO.**

**ABU DHABI WATER AND**  
**ELECTRICITY BOARD**

**STATE ELECTRICITY BOARD OF QATAR**

**MINISTRY OF ELECTRICITY, BAHRAIN**

**SASO**  
**SAUDI ARABIAN STANDARDS ORG.**  
**MINISTRY OF EDUCATION (Boys & Girls)**

### QUALITY POLICY

The Quality Policy of ELETRA is to :

- Provide products conforming to governing standards and of consistent quality.
- EXCEL in all our operation to achieve customers satisfaction for products and services through continuous improvement.
- Develop and maintain a motivated team of competent employes and vender.
- Re-define and execute new processes /systems that meets market requirements.

## OUR OBJECTIVE

WE REACH EXACTING STANDARDS IN THE SAFETY AND DISTRIBUTION OF POWER AND GO WELL BEYOND CUSTOMER EXPECTATIONS. THIS IS DONE BY FOCUSING OUR TECHNOLOGY AND EXPERTISE ON THE ULTIMATE REWARD WE CAN GET. COMPLETE SATISFACTION OF OUR CUSTOMERS.

### ELETRA PRODUCTS

- Switch and Socket Boxes
- Junction Boxes
- Service Boxes IP55
- Stainless Steel Enclosure NEMA-4x
- Telephone Enclosures
- Circuit Breaker Enclosures : NEMA1 & NEMA 3R types with Multiple Outlets
- Modular Enclosures
- Load Centres
  - NEMA type LA Load Centres
  - IEC type LD Load Centres
  - Split Busbar Units type LAS Load Centres
- MCCB Distribution Boards
- Pump Control Panels
- Motor Control Centres
- LV Switchboards upto 6000A, tested at KEMA for 100KA-Isec short circuit withstand
- Package Substations
- Control & Automation Panels
- Relay & Control Panels
- Medium Voltage Switchgear
- Pole Mounted Metering Structures

