



# AL-AHLEIA SWITCHGEAR CO.



STATE OF KUWAIT

## MAIN SWITCH BOARD / SUB MAIN SWITCH BOARD (MSB / SMSB)

### INTRODUCTION

Main Switch Board (MSB) / Sub Main Switchboard (SMSB) are used in residential industrial installations. MSB / SMSBs are totally enclosed, sheet steel fabricated construction and consist of:

- Enclosure with busbar upto 600A
- Incoming MCCB
- Outgoing MCCBs (with ELR if required)



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## TECHNICAL SPECIFICATIONS

Type	: MSB/SMSB
Applicable Standards	: IEC 60439-1
Rated Insulation Voltage	: 690 V, 50 Hz
Current rating	: Upto 600A
Short time current	: Upto 40kA for 1 sec
Degree of Protection	: IP 42 (Higher values on request)
Construction	: Indoor / outdoor, wall / floor mounting
Cable entry	: Bottom
Paint Colour / shade	: Light Grey Shade RAL 7032

## OVERALL DIMENSIONS

Sr. no.	Height x Width x Depth in mm	Busbar/ Incomer Rating	Max. of 100A 3P frame O/G MCCB		Max. of 100A 3P frame O/G MCCB with E/L protection
1	1430x750x300	Upto 250A	8	OR	-
2	1430x950x300		8		5
3	1850x750x300		16		-
4	1850x950x300		16		11
5	2060x950x300		20		14
6	1430x750x300	Upto 400A	8	OR	-
7	1430x950x300		8		5
8	1850x750x300		16		-
9	1850x950x300		16		11
10	2060x950x300		20		14
11	1850x950x300	Upto 600A	16	OR	11
12	2060x950x300		20		14