



دخيل الجسار  
Dakheel Aljassar

*Your Electrical Partner*

INDUSTRIAL  
PRODUCT CATALOG



# Contents

INTRODUCTION	1
DISTRIBUTION BOARD - SURFACE TYPE	2 & 3
DISTRIBUTION BOARD - FLUSH TYPE	4 & 5
MSB or SMSB - CUBICLE TYPE	6 & 7
SERVICE CABINET & OTHER ENCLOSURE	8 & 9
GALVANIZED SWITCH SOCKET BOX	10 & 11
MLTB & MCC	12
CERTIFICATION	13

*More than **70** Years of Trust & Commitment*



## PIONEERS IN ELECTRICAL ENGINEERING

Dakheel Aljassar is an ISO 9001:2008 company and one of the leading electrical switchboard manufacturer's and trading company in Kuwait for over six decades. With the state of the art technology in manufacturing facilities and highly skilled man power both in manufacturing and marketing, Dakheel Aljassar is synonymous with its quality and service.

We manufacture the complete range of Electrical Switchgear and Controlgear Assemblies including MLTBs, MSB's, DBs, ATS, Motor Control Centers (Fixed and Draw-out version) and Other Custom built Assemblies. Our products comply with the relevant local & International standards are tested and certified by KEMA, the major testing laboratory of switchgears.

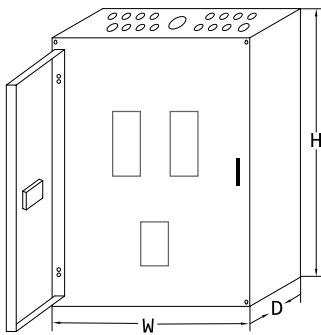


# DISTRIBUTION BOARD - SURFACE TYPE

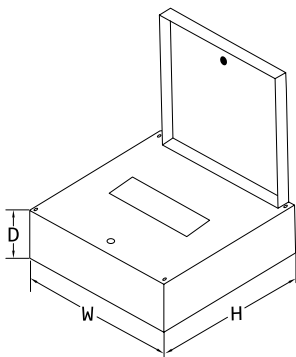


## SPECIFICATIONS:

- ▶ Degree of protection : IP42(Higher IP on request).
- ▶ Enclosure construction : Fabricated materials are made from electro-galvanized steel sheet of welded and bolted construction.
- ▶ Painting : All parts are phosphated , painted with polyester powder, Electro statically applied and then stoved.
- ▶ Finished color : RAL 7032 / 7035, polyester powder coated textured paint, light grey.
- ▶ Busbar material : High density, high conductivity (HDHC) tinned copper bar.
- ▶ Busbar support : High strength material with good insulating properties.
- ▶ Main Bus bar Rating : 200A TPNE.
- ▶ Standard features :
  - Single or double busbars for power or contactor controlled lightings.
  - Two ways up to 14 ways.
  - Incomer - HRC fuses, Isolator or RCCB or both.
- ▶ Fault level rating : 6 & 10 kilo amperes @ 240/415 volts.
- ▶ Earth and Neutral Connection capacities- Copper bar with cable clamps
  - Incomer - 2.5 up to 50 mm<sup>2</sup>.
  - Outgoings - 2.5 up to 16 mm<sup>2</sup>.
- ▶ Door lock : Durable plastic material latch type.
- ▶ Ability to be customized according to customer's request.



TPN



SPN

	CODE NO.	MODEL	DIMENSION (H x W x D mm)	DIMENSION PACKING (H x W x D mm)	WEIGHT (Kg)	
SPN	PLUG IN	40-505-725	D/B 6 WAYS	250 x 250 x 79	253 x 254 x 102	3.1
		40-505-730	D/B 8 WAYS	250 x 352 x 79	253 x 358 x 102	3.5
		40-505-735	D/B 10 WAYS	250 x 352 x 79	253 x 358 x 102	4.3
		40-505-740	D/B 12 WAYS	250 x 454 x 79	253 x 358 x 102	5.3
		40-505-741	D/B 14 WAYS	250 x 454 x 79	253 x 460 x 102	5.8
	DIN RAIL	40-505-967	D/B 6 WAYS	250 x 250 x 79	253 x 254 x 102	3.1
		40-505-896	D/B 8 WAYS	250 x 250 x 79	253 x 254 x 102	3.5
		40-505-897	D/B 10 WAYS	250 x 352 x 79	253 x 358 x 102	4.3
		40-505-898	D/B 12 WAYS	250 x 352 x 79	253 x 358 x 102	5.3
		40-505-899	D/B 14 WAYS	250 x 454 x 79	253 x 460 x 102	5.8
TPN	SINGLE BUSBAR	40-505-750	D/B 4 WAYS	436 x 360 x 95	442 x 363 x 120	7.2
		40-505-755	D/B 6 WAYS	513 x 360 x 95	519 x 363 x 120	8.0
		40-505-760	D/B 8 WAYS	666 x 360 x 95	672 x 363 x 120	11.4
		40-505-765	D/B 10 WAYS	666 x 360 x 95	672 x 363 x 120	11.0
		40-505-770	D/B 12 WAYS	819 x 360 x 95	825 x 363 x 120	11.5
	DOUBLE BUSBAR	40-505-775	D/B 4 WAYS (2x2)	513 x 360 x 95	519 x 363 x 120	8.5
		40-505-780	D/B 6 WAYS (2x4)	666 x 360 x 95	672 x 363 x 120	10.6
		40-505-785	D/B 8 WAYS (2x6)	819 x 360 x 95	825 x 363 x 120	13.5
		40-505-790	D/B 8 WAYS (4x4)	819 x 360 x 95	825 x 363 x 120	13.1
		40-505-795	D/B 10 WAYS (2x8)	819 x 360 x 95	825 x 363 x 120	13.3
		40-505-800	D/B 10 WAYS (4x6)	819 x 360 x 95	825 x 363 x 120	13.3
		40-505-805	D/B 12 WAYS (4x8)	972 x 360 x 95	976 x 363 x 120	15.6
		40-505-810	D/B 12 WAYS (6x6)	972 x 360 x 95	976 x 363 x 120	15.6
		40-505-815	D/B 12 WAYS (2x10)	972 x 360 x 95	976 x 363 x 120	16.2
		40-505-825	D/B 14 WAYS (4x10)	972 x 360 x 95	976 x 363 x 120	17.0
	40-505-830	D/B 14 WAYS (6x8)	972 x 360 x 95	976 x 363 x 120	17.0	
	SINGLE BUSBAR	40-505-850	D/B 4 WAYS	436 x 360 x 95	442 x 363 x 120	7.5
		40-505-852	D/B 6 WAYS	436 x 360 x 95	442 x 363 x 120	7.2
		40-505-854	D/B 8 WAYS	513 x 360 x 95	519 x 363 x 120	8.6
		40-505-856	D/B 10 WAYS	666 x 360 x 95	672 x 363 x 120	11.0
		40-505-858	D/B 12 WAYS	666 x 360 x 95	672 x 363 x 120	11.5
		DOUBLE BUSBAR	40-505-860	D/B 4 WAYS (2X2)	513 x 360 x 95	519 x 363 x 120
40-505-862			D/B 6 WAYS (2X4)	666 x 360 x 95	672 x 363 x 120	10.7
40-505-864			D/B 8 WAYS (2X6)	666 x 360 x 95	672 x 363 x 120	11.9
40-505-866			D/B 8 WAYS (4X4)	666 x 360 x 95	672 x 363 x 120	11.8
40-505-870			D/B 10 WAYS (4X6)	819 x 360 x 95	825 x 363 x 120	14.0
40-505-874	D/B 12 WAYS (4X8)		819 x 360 x 95	825 x 363 x 120	14.1	
40-505-876	D/B 12 WAYS (6X6)		819 x 360 x 95	825 x 363 x 120	14.3	
40-505-882	D/B 14 WAYS (6X8)		819 x 360 x 95	825 x 363 x 120	14.8	

Compatible with **HYUNDAI** Circuit Breakers

	CODE NO.	MODEL	DIMENSION (H x W x D mm)	DIMENSION PACKING (H x W x D mm)	WEIGHT (Kg)	
SPN	DIN RAIL	40-510-000	D/B 6 WAYS	250 x 250 x 79	253 x 254 x 102	3.1
		40-510-002	D/B 8 WAYS	250 x 250 x 79	253 x 254 x 102	3.5
		40-510-004	D/B 10 WAYS	250 x 352 x 79	253 x 358 x 102	4.3
		40-510-006	D/B 12 WAYS	250 x 352 x 79	253 x 358 x 102	5.3
		40-510-008	D/B 14 WAYS	250 x 454 x 79	253 x 460 x 102	5.8
SINGLE BUSBAR	40-510-020	D/B 4 WAYS	436 x 360 x 95	442 x 363 x 120	7.5	
	40-510-022	D/B 6 WAYS	436 x 360 x 95	442 x 363 x 120	7.2	
	40-510-024	D/B 8 WAYS	513 x 360 x 95	519 x 363 x 120	8.6	
	40-510-026	D/B 10 WAYS	666 x 360 x 95	672 x 363 x 120	11.0	
	40-510-028	D/B 12 WAYS	666 x 360 x 95	672 x 363 x 120	11.5	
TPN	DOUBLE BUSBAR	40-510-030	D/B 4 WAYS (2X2)	513 x 360 x 95	519 x 363 x 120	8.6
		40-510-032	D/B 6 WAYS (2X4)	666 x 360 x 95	672 x 363 x 120	10.7
		40-510-034	D/B 8 WAYS (2X6)	666 x 360 x 95	672 x 363 x 120	11.9
		40-510-036	D/B 8 WAYS (4X4)	666 x 360 x 95	672 x 363 x 120	11.8
		40-510-038	D/B 10 WAYS (2X8)	819 x 360 x 95	825 x 363 x 120	14.0
		40-510-040	D/B 10 WAYS (4X6)	819 x 360 x 95	825 x 363 x 120	14.1
		40-510-042	D/B 12 WAYS (4X8)	819 x 360 x 95	825 x 363 x 120	14.3
		40-510-044	D/B 12 WAYS (6X6)	819 x 360 x 95	825 x 363 x 120	14.5
		40-510-046	D/B 12 WAYS (2X10)	819 x 360 x 95	825 x 363 x 120	14.8
		40-510-048	D/B 14 WAYS (4X10)	819 x 360 x 95	825 x 363 x 120	15.1
		40-510-050	D/B 14 WAYS (6X8)	819 x 360 x 95	825 x 363 x 120	15.3

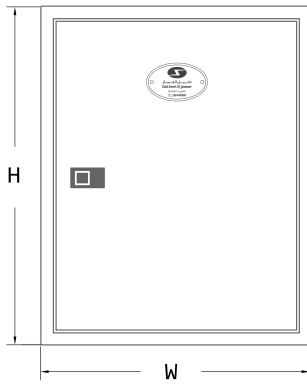


## DISTRIBUTION BOARD - FLUSH TYPE

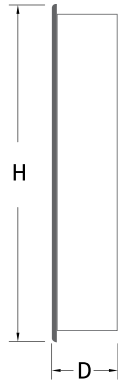


### SPECIFICATIONS:

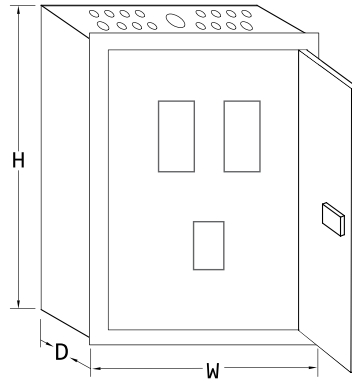
- ▶ Degree of protection : IP42(Higher IP on request).
- ▶ Enclosures construction : Fabricated materials are made from electro-galvanized steel sheet of welded and bolted construction, including adjustable mounting plate.
- ▶ Painting : All parts are phosphated , painted with Polyester powder, Electro statically applied and then stoved.
- ▶ Finished color : RAL 7032 / 7035, Polyester powder coated textured paint, light grey.
- ▶ Busbar material : High density, high conductivity (HDHC) tinned copper bar.
- ▶ Busbar support : High strength material with good insulating properties.
- ▶ Main Bus bar Rating : 200A TPNE.
- ▶ Standard features :
  - Single or double busbars for power or contactor controlled lighting.
  - Two ways up to 14 ways.
  - Incomer - HRC fuses, Isolator or RCCB or both.
- ▶ Fault level rating : 6 & 10 kilo amperes @ 240/415 volts.
- ▶ Earth and Neutral Connection capacities- Copper bar with cable clamps
  - Incomer - 2.5 up to 50 mm<sup>2</sup>.
  - Outgoings - 2.5 up to 16 mm<sup>2</sup>.
- ▶ Door lock : Durable plastic material latch type.
- ▶ Ability to be customized according to customer's request.



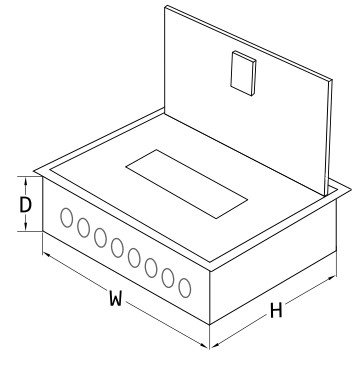
Front View



Side View



TPN



SPN

Compatible with **EATON** Circuit Breakers

	CODE NO.	MODEL	DIMENSION (H x W x D mm)	DIMENSION PACKING (Hx W x D mm)			
SPN	PLUG IN	40-505-644	D/B 6 WAYS	250 x 350 x 105	280 x 380 x 115		
		40-505-645	D/B 8 WAYS	250 x 350 x 105	280 x 455 x 115		
		40-505-646	D/B 10 WAYS	250 x 450 x 105	280 x 455 x 115		
		40-505-647	D/B 12 WAYS	250 x 450 x 105	280 x 505 x 115		
		40-505-648	D/B 14 WAYS	250 x 500 x 105	280 x 505 x 115		
	DIN RAIL	40-505-660	D/B 6 WAYS	250 x 350 x 100	280 x 380 x 110		
		40-505-661	D/B 8 WAYS	250 x 350 x 100	280 x 380 x 110		
		40-505-662	D/B 10 WAYS	250 x 350 x 100	280 x 380 x 110		
		40-505-663	D/B 12 WAYS	250 x 425 x 100	280 x 455 x 110		
		40-505-664	D/B 14 WAYS	250 x 425 x 100	280 x 455 x 110		
TPN PLUG IN	SINGLE BUSBAR	40-505-705	D/B 4 WAYS	436 x 360 x 120	466 x 390 x 130		
		40-505-706	D/B 6 WAYS	513 x 360 x 120	543 x 390 x 130		
		40-505-707	D/B 8 WAYS	666 x 360 x 120	696 x 390 x 130		
		40-505-708	D/B 10 WAYS	666 x 360 x 120	696 x 390 x 130		
		40-505-709	D/B 12 WAYS	742 x 360 x 120	772 x 390 x 130		
	DOUBLE BUSBAR	40-505-710	D/B 4 WAYS (2x2)	513 x 360 x 120	543 x 390 x 130		
		40-505-711	D/B 6 WAYS (2x4)	666 x 360 x 120	696 x 390 x 130		
		40-505-712	D/B 8 WAYS (2x6)	742 x 360 x 120	772 x 390 x 130		
		40-505-713	D/B 8 WAYS (4x4)	742 x 360 x 120	772 x 390 x 130		
		40-505-714	D/B 10 WAYS (2x8)	819 x 360 x 120	849 x 390 x 130		
		40-505-715	D/B 10 WAYS (4x6)	819 x 360 x 120	849 x 390 x 130		
		40-505-716	D/B 12 WAYS (4x8)	972 x 360 x 120	1002 x 390 x 130		
		40-505-717	D/B 12 WAYS (6x6)	972 x 360 x 120	1002 x 390 x 130		
		40-505-718	D/B 14 WAYS (6x8)	972 x 360 x 120	1002 x 390 x 130		
		TPN DIN RAIL	SINGLE BUSBAR	40-505-665	D/B 4 WAYS	436 x 360 x 100	466 x 390 x 110
				40-505-666	D/B 6 WAYS	513 x 360 x 100	543 x 390 x 110
				40-505-667	D/B 8 WAYS	589 x 360 x 100	619 x 390 x 110
				40-505-668	D/B 10 WAYS	589 x 360 x 100	619 x 390 x 110
40-505-669	D/B 12 WAYS			666 x 360 x 100	696 x 390 x 110		
40-505-670	D/B 14 WAYS		742 x 360 x 100	772 x 390 x 110			
DOUBLE BUSBAR	40-505-671		D/B 4 WAYS (2X2)	589 x 360 x 100	619 x 390 x 110		
	40-505-672		D/B 6 WAYS (2X4)	666 x 360 x 100	696 x 390 x 110		
	40-505-673		D/B 8 WAYS (2X6)	742 x 360 x 100	772 x 390 x 110		
	40-505-674		D/B 8 WAYS (4X4)	742 x 360 x 100	772 x 390 x 110		
	40-505-675		D/B 10 WAYS (2X8)	819 x 360 x 100	849 x 390 x 110		
	40-505-676		D/B 10 WAYS (4X6)	819 x 360 x 100	849 x 390 x 110		
	40-505-677		D/B 12 WAYS (4X8)	819 x 360 x 100	849 x 390 x 110		
	40-505-678		D/B 12 WAYS (6X6)	819 x 360 x 100	849 x 390 x 110		
	40-505-679		D/B 14 WAYS (6X8)	895 x 360 x 100	925 x 390 x 110		

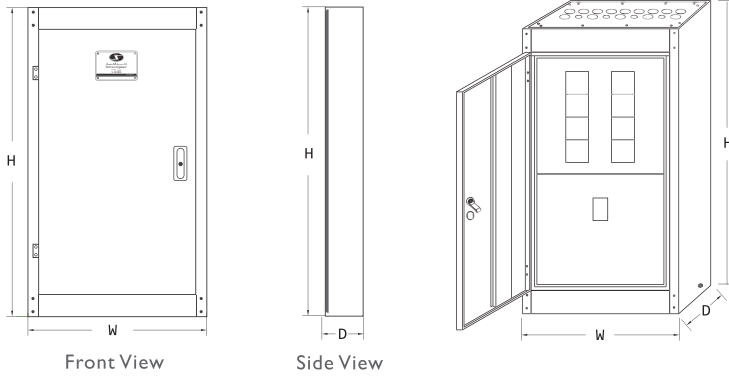
## MSB or SMSB - CUBICLE TYPE



### SPECIFICATIONS:

- ▶ Degree of protection : IP42(Indoor), IP54 (Outdoor).
- ▶ Panel construction : Fabricated materials are made from electro-galvanized heavy duty steel sheet of welded and bolted construction.
- ▶ Painting : All parts are phosphated , painted with Polyester powder electrostatically applied and then stoved.
- ▶ Finished color : RAL 7032 / 7035 Polyester powder coated textured paint, light grey.
- ▶ Busbar material : High density, high conductivity (HDHC) tinned copper bar.
- ▶ Busbar support : High strength material with good insulating properties.
- ▶ Main Busbar rating : 400A up to 630A TPNE.
- ▶ Standard features :
  - Two ways up to 20 ways.
  - Incomer - 100 up to 630A TPN MCCB.
  - Metering - with or without incomer metering and indication lights.
- ▶ Fault level rating : 22 or 35 kilo amperes @ 240/415 volts.
- ▶ Earth and Neutral : Copper bar with M6 or M8 holes with hexagonal head screw.
- ▶ Cable access : Front with top or bottom entry type tested and certified by KEMA Testing Laboratories according to IEC-60439-1.
- ▶ Door lock : Swing handle polyamide black for profile and shaft zinc die fixing material with seal and with or without key lock.
- ▶ Ability to be customized according to customer's request.





Compatible with **EATON** Circuit Breakers

	CODE NO.	MODEL	DIMENSION (H x W x D mm)
INDOOR FLOOR MOUNTED PANEL WITHOUT METERING	4S-F08A-00	MSB - FWF 8 WAYS TP	1255 x 700 x 250
	4S-F10A-00	MSB - FWF 10 WAYS TP	1465 x 700 x 250
	4S-F12A-00	MSB - FWF 12 WAYS TP	1465 x 700 x 250
	4S-F14A-00	MSB - FWF 14 WAYS TP	1675 x 820 x 300
	4S-F16A-00	MSB - FWF 16 WAYS TP	1675 x 820 x 300
	4S-F18A-00	MSB - FWF 18 WAYS TP	1885 x 820 x 300
	4S-F20A-00	MSB - FWF 20 WAYS TP	1885 x 820 x 300
	4S-F22A-00	MSB - FWF 22 WAYS TP	2095 x 820 x 300
	4S-F24A-00	MSB - FWF 24 WAYS TP	2095 x 820 x 300
	4S-B08A-00	MSB - BZM 8 WAYS TP	1255 x 700 x 250
	4S-B10A-00	MSB - BZM 10 WAYS TP	1255 x 700 x 250
	4S-B12A-01	MSB - BZM 12 WAYS TP	1255 x 700 x 250
	4S-B14A-00	MSB - BZM 14 WAYS TP	1465 x 700 x 250
	4S-B16A-00	MSB - BZM 16 WAYS TP	1465 x 700 x 250
	4S-B18A-00	MSB - BZM 18 WAYS TP	1675 x 820 x 300
	4S-B22A-00	MSB - BZM 22 WAYS TP	1675 x 820 x 300
4S-B26A-00	MSB - BZM 26 WAYS TP	1885 x 820 x 300	
4S-B28A-00	MSB - BZM 28 WAYS TP	2095 x 820 x 300	
4S-B30A-00	MSB - BZM 30 WAYS TP	2095 x 820 x 300	
INDOOR WALL MOUNTED PANEL WITHOUT METERING	4S-B03B-00	MSB - BZM 3 WAYS	666 x 400 x 150
	4S-B04B-00	MSB - BZM 4 WAYS	818 x 400 x 150
	4S-B06B-00	MSB - BZM 6 WAYS	971 x 400 x 150

Compatible with **HYUNDAI** Circuit Breakers

	CODE NO.	MODEL	DIMENSION (H x W x D mm)
INDOOR FLOOR MOUNTED PANEL WITHOUT METERING	4S-H08A-00	MSB -Hyundai 8 WAYS TP	1255 x 700 x 250
	4S-H10A-00	MSB -Hyundai 10 WAYS TP	1255 x 700 x 250
	4S-H12A-00	MSB -Hyundai 12 WAYS TP	1465 x 700 x 250
	4S-H14A-00	MSB -Hyundai 14 WAYS TP	1465 x 700 x 250
	4S-H16A-00	MSB -Hyundai 16 WAYS TP	1675 x 820 x 300
	4S-H18A-00	MSB -Hyundai 18 WAYS TP	1675 x 820 x 300
	4S-H20A-00	MSB -Hyundai 20 WAYS TP	1675 x 820 x 300
	4S-H22A-00	MSB -Hyundai 22 WAYS TP	1885 x 820 x 300
	4S-H24A-00	MSB -Hyundai 24 WAYS TP	1885 x 820 x 300
	4S-H26A-00	MSB -Hyundai 26 WAYS TP	1885 x 820 x 300
	4S-H28A-00	MSB -Hyundai 28 WAYS TP	2095 x 820 x 300
	4S-H30A-00	MSB -Hyundai 30 WAYS TP	2095 x 820 x 300

	CODE NO.	MODEL
INCOMER CONNECTION (KIT)	4S-ICK-F	F FRAME
	4S-ICK-J	J FRAME
	4S-ICK-K	K FRAME

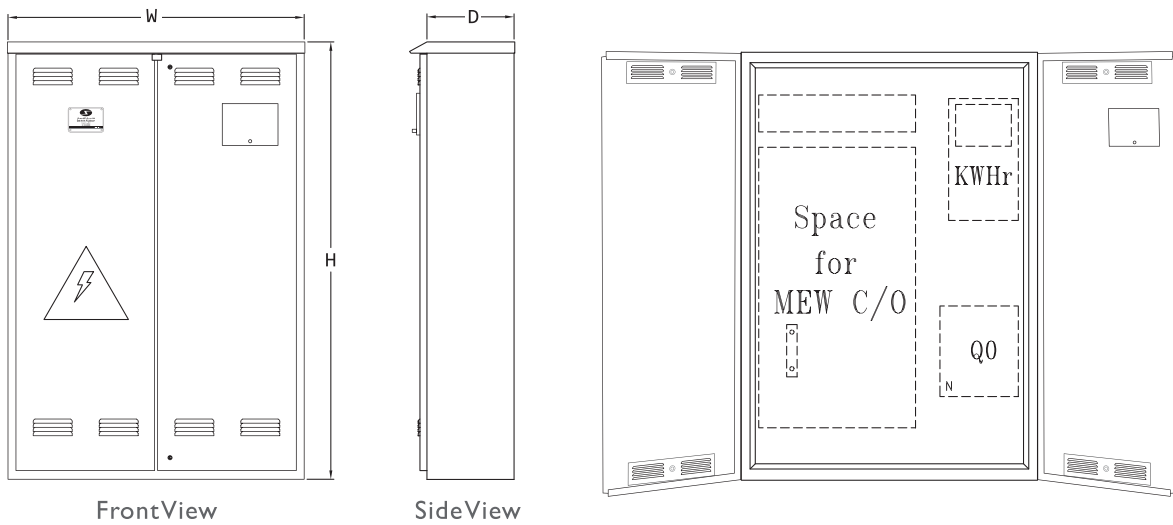
Outdoor units, Metering & Other accessories are available according to request

## SERVICE CABINETS & OTHER ENCLOSURES



### SPECIFICATIONS:

- ▶ Degree of protection : IP54(Outdoor) , IP42(Indoor).
- ▶ Box construction : Fabricated materials are made from electro-galvanized steel sheet of welded and bolted construction.
- ▶ Painting : All parts are phosphated , painted with Polyester powder electrostatically applied and then stoved.
- ▶ Finished color : RAL 7032 / 7035 Polyester powder coated textured paint, light grey.
- ▶ Standard Ratings : Ratings are according to Ministry of Electricity and Water standards with main circuit breaker and spaces for Cutout, CTs and kilowatt hour meter.
  - Single MCCB 250A, TPN, 415/240 volts.
  - Single MCCB 300A, TPN, 415/240 volts.
  - Double MCCB. 300A Incomer and two 200 or 250A feeders.
- ▶ Door lock : Special M6 threaded screw.
- ▶ Ability to be customized according to customer's request.



## SERVICE CABINETS

CODE NO.	MODEL	DIMENSION (H x W x D mm)
40-505-990	SERVICE CABINET 100/ 200A	1000 x 850 x 250
40-505-995	SERVICE CABINET - 300A	1250 x 850 x 250
40-505-996	SERVICE CABINET 2 NOS S/KWHM	1250 x 1100 x 250

## OTHER ENCLOSURES

CODE NO.	MODEL	DIMENSION (H x W x D mm)
40-101-115	DRAW BOX	450 x 450 x 100
40-101-116	DRAW BOX	300 x 300 x 100
40-101-121	DRAW BOX	600 x 600 x 100
40-101-117	AC BOX	230 x 300 x 95
40-101-114	AC BOX	230 x 400 x 95
40-101-122	TELEPHONE BOX	450 x 300 x 100
40-101-123	AUDIO VISUAL E/L BOX	300 x 220 x 110
40-101-118	LEG ONLY FOR AC BOX	

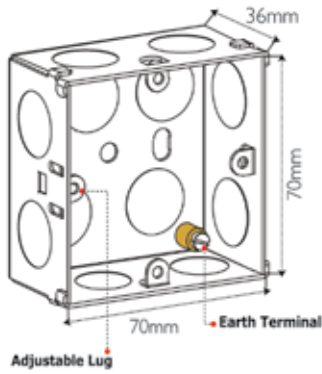
## GALVANIZED SWITCH SOCKET BOX



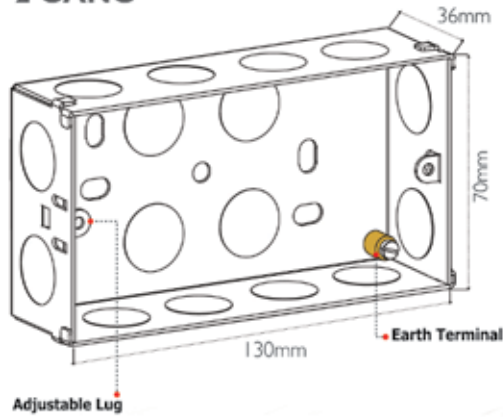

### SPECIFICATIONS:

- ▶ Complying Standard : BS 4662/2006
- ▶ Material : Galvanazied steel - zero spangle
- ▶ Thickness : 0.8mm & 1.1mm
- ▶ Earth Terminal Material : Brass
- ▶ Lugs : Each box have one adjustable lug.

**1 GANG**



**2 GANG**



**GALVANIZED SWITCH SOCKET BOX**

	CODE NO.	MODEL	DIMENSION (H x W x D mm)	DIMENSION PACKING (H x W x D mm)	WEIGHT (Kg)
<b>1 GANG</b>	40-347-021	0.8mm w/ET*, 20/20	70 x 70 x 36	190 x 365 x 290 (100pcs)	10.1
	40-347-022	0.8mm w/ET*, 20/25	70 x 70 x 36	190 x 365 x 290 (100pcs)	10.1
	40-347-023	0.8mm w/o ET*, 20/20	70 x 70 x 36	190 x 365 x 290 (100pcs)	10.1
	40-347-024	0.8mm, w/o ET*, 20/25	70 x 70 x 36	190 x 365 x 290 (100pcs)	10.1
	40-347-031	1.1mm w/ET*, 20/25	70 x 70 x 36	190 x 365 x 290 (100pcs)	13.8
<b>2 GANG</b>	40-347-025	0.8mm w/ET*, 20/20	70 x 130 x 36	190 x 365 x 290 (50pcs)	8
	40-347-026	0.8mm w/ET*, 20/25	70 x 130 x 36	190 x 365 x 290 (50pcs)	8
	40-347-027	0.8mm w/o ET*, 20/20	70 x 130 x 36	190 x 365 x 290 (50pcs)	8
	40-347-028	0.8mm, w/o ET*, 20/25	70 x 130 x 36	190 x 365 x 290 (50pcs)	8
	40-347-032	1.1mm w/ET*, 20/25	70 x 130 x 36	190 x 365 x 290 (50pcs)	10.5

ET\* : Earth Terminal



## MLTB & MCC



### MAIN LOW TENSION BOARD SPECIFICATIONS

- ▶ Degree of protection : IP52 / IP54.
- ▶ Type of form : Form 3B, Form 4A & Form 4B.
- ▶ Panel construction : Fabricated materials are made from electro-galvanized heavy duty steel sheet of welded and bolted construction.
- ▶ Painting : All parts are phosphated , painted with Polyester powder electro-statically applied and then stoved.
- ▶ Finished color : RAL 7032 / 7035, Polyester powder coated textured paint, light grey.
- ▶ Circuit connections : ability to be customized according to customer's request.
- ▶ Busbar material : High density, high conductivity (HDHC) tinned copper bar.
- ▶ Busbar support : High strength material with good insulating properties.
- ▶ Main Busbar rating : 200A up to 3200A TPNE.
- ▶ Standard features :
  - Single Incomer or Two incomer with bus coupler.
  - Incomer rating - 630 up to 3200A TPN Air Circuit Breaker.
  - Number of feeders - according to schematic diagram.
- ▶ Fault level rating : 50 or 65 kilo amperes @ 240/415 volts.
- ▶ Earth and Neutral : Copper bar with M6 or M8 holes with hexagonal head screw.
- ▶ Door lock : Zinc die chrome plated, quarter turn, with double bit inserts.
- ▶ Cable access : Front or rear with top or bottom entry.
- ▶ Type tested and certified by KEMA Testing Laboratories according to seven type tests defined in International Standards IEC 60439-1.

### MOTOR CONTROL CENTER SPECIFICATIONS

- ▶ Drawable type with following module connections.
  - connected • test • withdrawn
- ▶ Fixed type directly bolted to bus bars.
- ▶ Suitable for front / rear access.
- ▶ Type tested and certified by KEMA Testing Laboratories according to seven type tests defined in International Standards IEC 60439-1.



KEMA CERTIFICATE FOR LT PANEL



KEMA CERTIFICATE FOR MSB



ISO CERTIFICATE : DIN EN ISO 9001:2008 Certificate : 01 100 066187/02

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