



DISTRIBUTION BOX



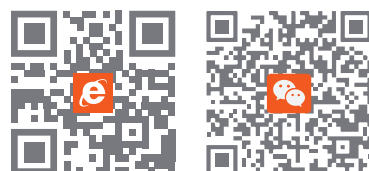
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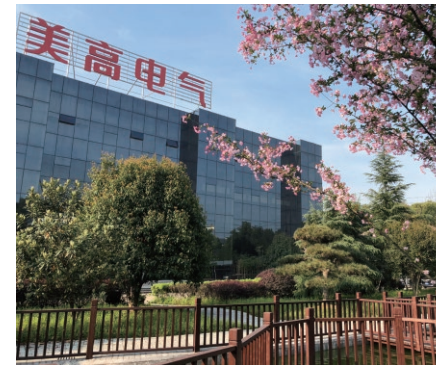
Website: www.maxge.com



Committed to becoming a world-class manufacturer of intelligent electric

<https://www.maxge.com>

Intelligence beyond vision



ABOUT US

MAXGE Electric is one of the most specialized manufacturers and exporters for modular electric terminal devices for household and similar installations in China. The wide range products under manufacturing covers Miniature Circuit Breaker(MCB),Residual Current Circuit Breaker (RCCB),Residual Current Circuit Breakers With Overcurrent Protection(RCBO),Switch-disconnector,Distribution Box, Moulded Case Circuit Breaker(MCCB), Air Circuit Breaker(ACB),AC Contactor,Magnetic Starter,Motor Protection Circuit Breaker, Thermal Relay and K.W.H meter etc. The company takes the reputation as one of the largest manufacturers of electro-magnetic type RCCB and RCBO. OEM or ODM projects are fully accepted, currently the company is co-operating with a number of renowned international corporations for such projects.





MAXGE Electric possesses full line of high-tech production equipment and great strength of technology support besides advanced designation forces powered by the first class engineering teams with super industrial computer systems. Thus, our products are novel in design, excellent in workmanship and top reliable in quality.



R&D CENTER AUTOMATIC PRODUCTION LINE

Experience in manufacturing under customer' s design, trade, bidding project, OEM and competitive cooperation related to the new products & technology. Won approvals of CE, SEMKO, KEMA, VDE, FI, CCC, ASTA, INMETRO and ISO9001 Quality System Certificate etc. Products are popular around the world, such as Europe, America, Southeast Asia, Middle East, Africa, etc.

■ Brand Interpretation

Chinese Name: Mei Gao
Mei: Pursue perfection
Gao: Ascend to virtue
English Name: MAXGE
MAX: Maximum
GE: Global Electric

■ Corporate Vision

Committed to becoming a World-class
Intelligent electric brand

■ Corporate Mission

Smart Manufacturing
Smart Electric
Smart Life

■ Corporate Values

Pursue perfection
Ascend to virtue

■ Brand Slogans

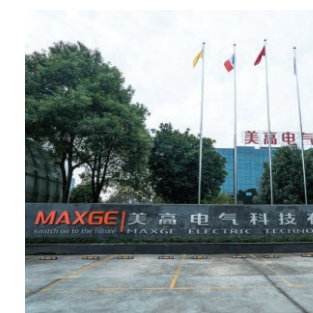
Survive on quality
Develop on innovation
Focus on customers

■ Product Concept

Secure and Reliable
Energy saving and environment protection
Technology innovation
Artificial intelligence

■ Corporate Spirit

Integrity
Focus
Pragmatism
Innovation



WHY ?

Why not the best products?

Why not the best quality?

Why not the best service?

MAXGE

We only develop on innovation!

We only survive on quality!

We only focus on customers!

MAXGE

SGDBi-S/F Series Distribution Box ----- 1-3

SGDBi-F PM(plastic cover and metal base) Distribution Box ----- 4

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Solution of Distribution Box ----- 9-14

Waterproof Junction Box ----- 15-19

SGDB3 series 3 phase Distribution Box ----- 20-22

Clean and tidy appearance:

The optimized structural design ensures the mechanical degree of the box, the cover can be flexibly disassembled, and the large space can be placed with the circuit breakers as you want. IP30 protection level effectively prevents foreign matter from entering and reduces dust accumulation.

Enclosure:

Plastic base type with ABS flame retardant material. metal base type with cold rolled steel material.
The side of the enclosure has wiring knockout holes on upper and lower sides. Can be easily pressed by 30N force.
Bottom entry holes can easily enter the lines and improve efficiency.

Panel:

With Safety protection. The cover is made of flame-retardant PC material, with self-extinguishing material, reducing Safety hazards. Opening and closing 110 ° , large angle opening, more convenient and flexible.

Parts

- Parts and components:
- 1. International standard 35MM rail
 - 2.Easy installation holes
 - 3. Lower heat generation, safe and reliable under high current operation



SGDBi-S/F Series
Distribution Box

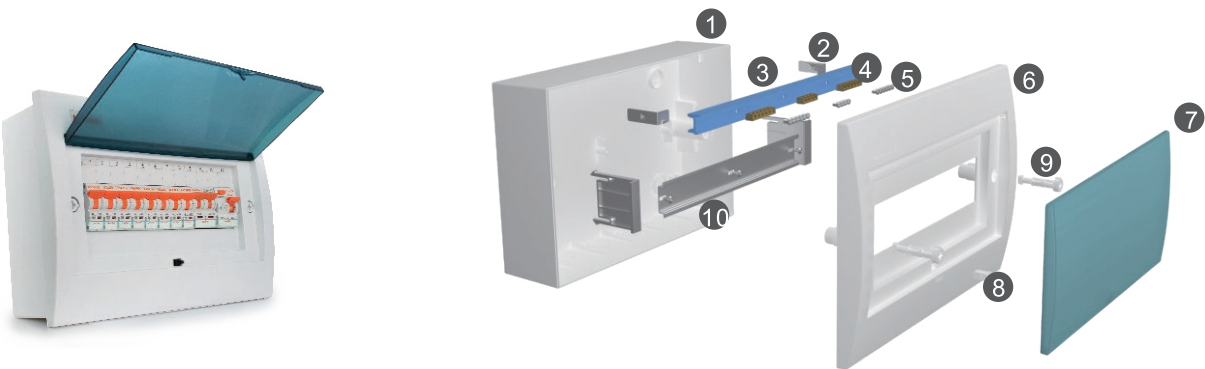
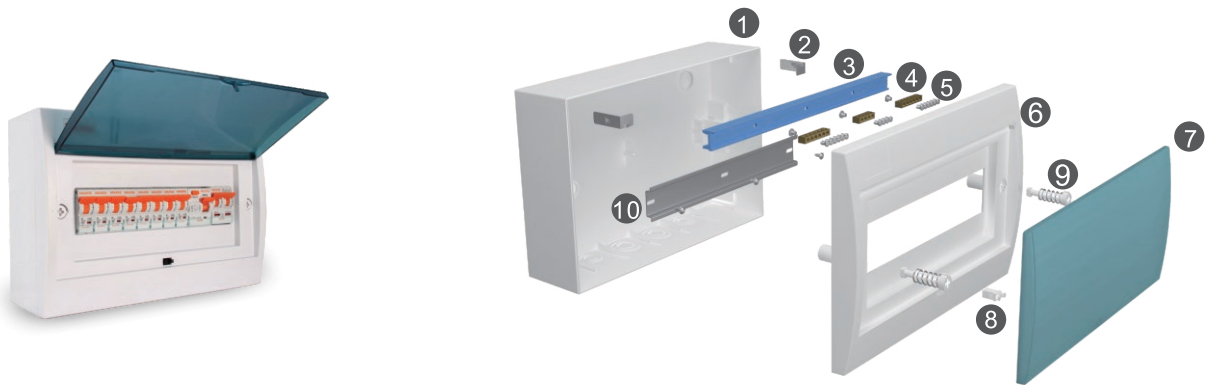
Technical data

Standard	IEC60439-3
Approval	CE
Modules (No.)	6, 8,12,18, 24, 36, 54
Row	1 row for 6, 8, 12, 18 modules 2 rows for 24, 36 modules 3 rows for 54 modules
Rated current In(A)	63,100,125A
Color	White RAL 9003 and Grey RAL 7035
Color of door	Blue, White
Mounting type	Surface, Flush
Degree of protection	IP30
Material	PS or ABS for body, PC for door
Fire resistance	650 °C/30s
Ambient temperature (°C)	-5~+40, max.95% humidity
Storage temperature (°C)	-40~+75°C



SGDBi Plastic base

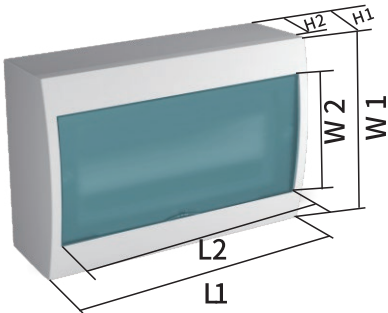
Number of module	Plastic base (Surface type)	Plastic base (Flush type)	Rated Current In(A)	Color of door
6	SGDBi-S06	SGDBi-F06	63/100/125A	Blue/White
8	SGDBi-S08	SGDBi-F08	63/100/125A	Blue/White
12	SGDBi-S12	SGDBi-F12	63/100/125A	Blue/White
18	SGDBi-S18	SGDBi-F18	63/100/125A	Blue/White
24	SGDBi-S24	SGDBi-F24	63/100/125A	Blue/White
36	SGDBi-S36	SGDBi-F36	63/100/125A	Blue/White
54	SGDBi-S54	/	63/100/125A	Blue/White



1.Plastic Base	2.Iron Support	3.Terminal Block Support
4.Brass Terminal Block	5.Brass Terminal Block Screw	6.Plastic Front Cover
7.PC Window	8.Plastic Cover Lock	9.Plastic Screw and Spring
10.Din Rail		

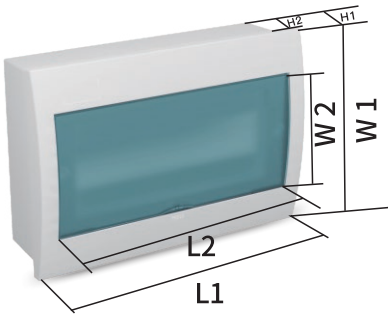
SGDBi-S Surface type

Dimension	L1/L2	W1/W2	H1/H2
6ways	194/168	204/129	102/77
8ways	228/203	204/129	102/77
12ways	300/275	204/129	102/77
18ways	410/384	204/129	102/77
24ways	300/298	294/242	109/77
36ways	410/406	294/242	109/77
54ways	435/425	601/579	143/120



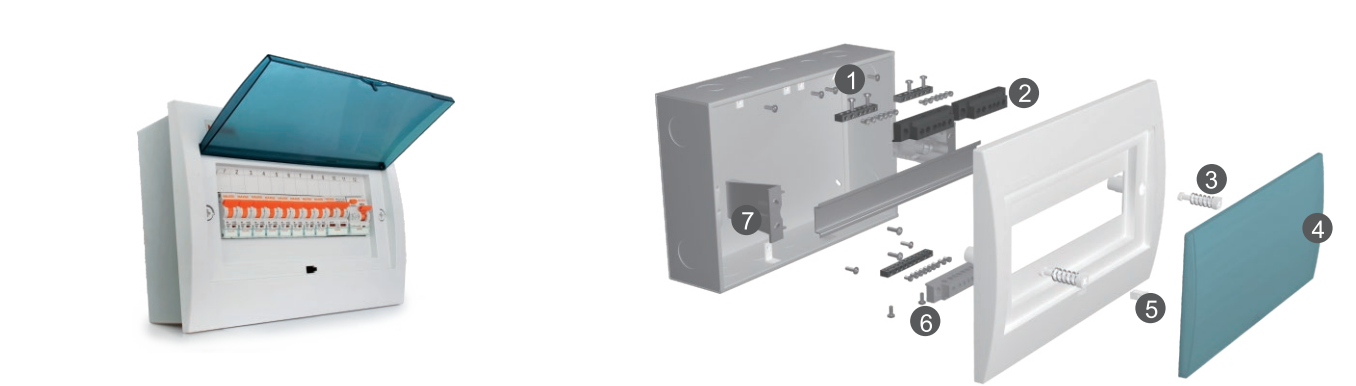
SGDBi-F Flush type

Dimension	L1/L2	W1/W2	H1/H2
6ways	210/168	219/129	102/77
8ways	244/203	219/129	102/77
12ways	317/275	219/129	102/77
18ways	426/384	219/129	102/77
24ways	318/298	310/242	109/77
36ways	426/406	310/242	109/77



SGDBi-F PM (plastic cover and metal base)

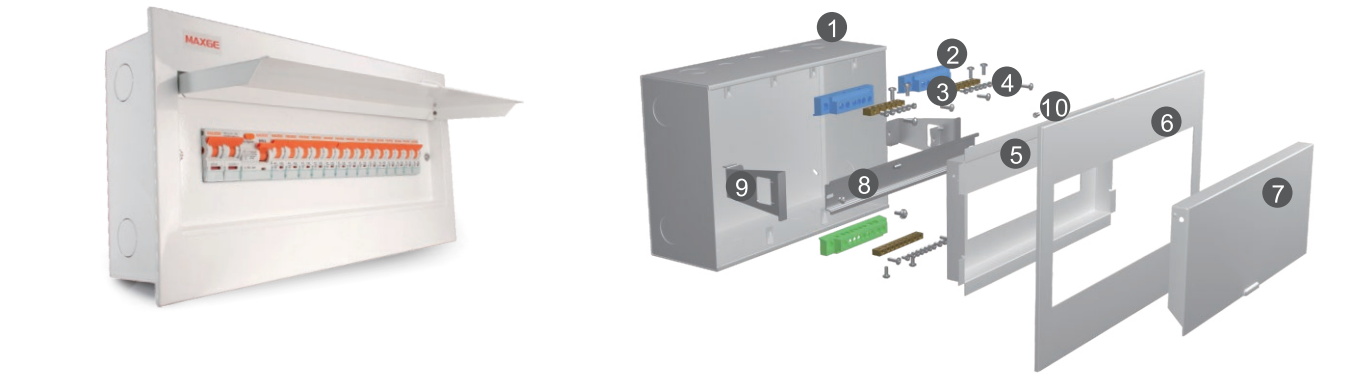
Number of module	Metal base (Flush type)	Rated Current In(A)	Color of door
8	SGDBi-F08 PM	63/100/125A	Blue/White
12	SGDBi-F12 PM	63/100/125A	Blue/White
18	SGDBi-F18 PM	63/100/125A	Blue/White
24	SGDBi-F24 PM	63/100/125A	Blue/White
36	SGDBi-F36 PM	63/100/125A	Blue/White



1.Screw(M4x10)	2.Plastic Strip	3.Plastic Screw and Spring
4.PC Window	5.Plastic Cover Lock	6.Screw(M2.5x14)
7.Iron Support		

SGDBi-F MM(metal cover and metel base)

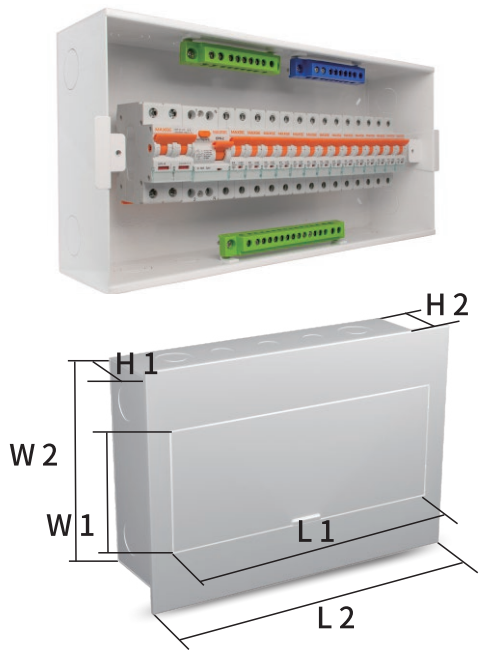
Number of module	Metal base (Flush type)	Rated Current In(A)	Color of door
8	SGDBi-F08 MM	63/100/125A	Blue/White
12	SGDBi-F12 MM	63/100/125A	Blue/White
18	SGDBi-F18 MM	63/100/125A	Blue/White
24	SGDBi-F24 MM	63/100/125A	Blue/White
36	SGDBi-F36 MM	63/100/125A	Blue/White



1.Metal Base	2.Plastic Strip	3.Metal Brass Terminal Block
4.Screw	5.Front Cover Plate	6.Metal Front Cover
7.PC Window	8.Din Rail	9.Din Rail Support
10.Hinge Screw		

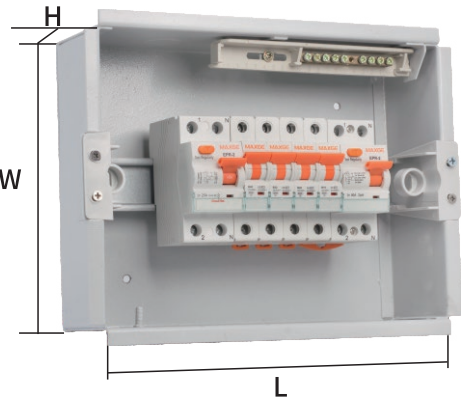
Metal Base Dimension

Dimension	L1/L2	W1/W2	H1/H2
8ways	210/251	115/226	103/105
12ways	280/321	115/226	103/105
18ways	388/429	115/226	103/105
24ways	280/321	115X2/317	103/105.7
36ways	388/429	115X2/317	103/105.7



Metal Base Dimension

Specification	L	W	H
8ways	264	202	73
12ways	300	202	78
18ways	408	202	73
24ways	300	292	73
36ways	408	292	76



SGDB2 Series Distribution Box

Technical data

Standard	IEC60439-3
Approval	CE
Modules (No.)	4,6,8,10,12,14,16,18,22
Rated current In(A)	63,100,125
Color	Grey
Color of door	Grey
Mounting type	Surface
Degree of protection	IP30
Material	Iron
Fire resistance	650°C/30s
Ambient temperature (°C)	-5~+40, max.95% humidity
Storage temperature (°C)	-40~+75°C

Total metal

Metal bottom box: strong rustproof, safe and durable Material: Q195 Cold-rolled steel plate The high strength of the box is not easy to be deformed, and the line is overloaded. with IP30 protection degree Inner folding crimping technology: safe and strong, strong resistance to deformation Anti-rust process: through 72 hours of professional shipping anti-corrosion test

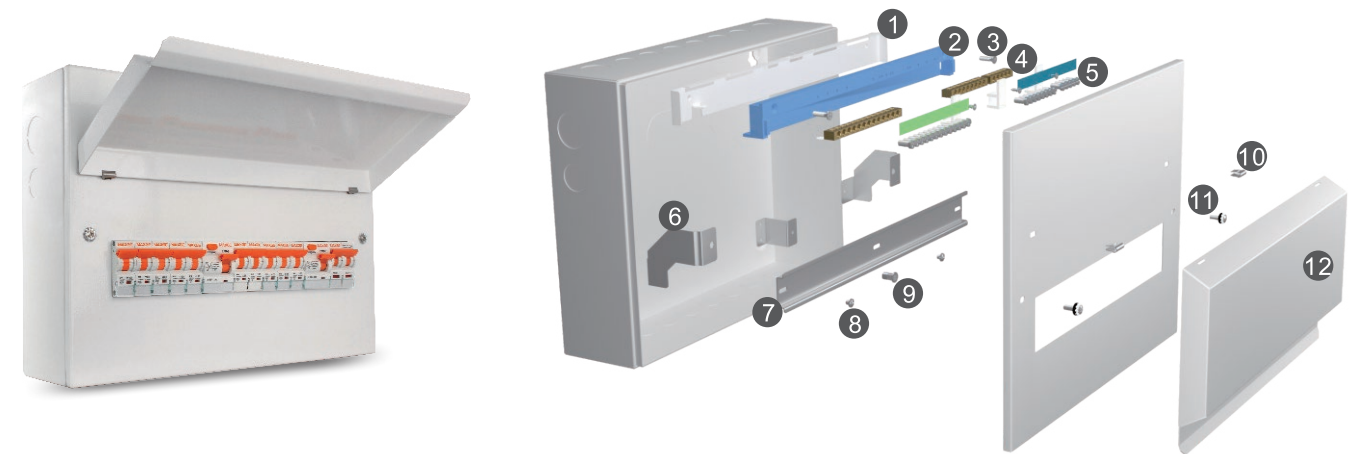


SGDB2

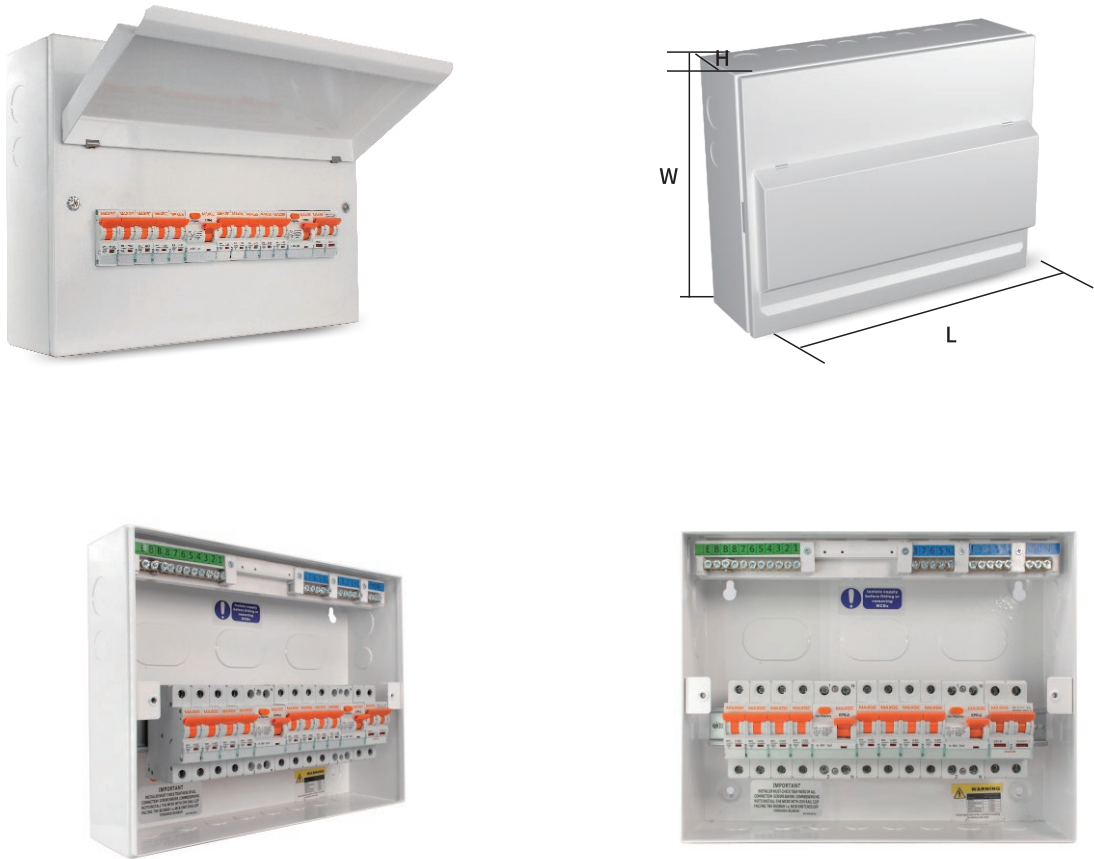
Number of module	Plastic base	Rated Current In(A)	Color of door
4	SGDB2-04A	63/100/125A	Grey
6	SGDB2-06A	63/100/125A	Grey
8	SGDB2-08A	63/100/125A	Grey
10	SGDB2-10A	63/100/125A	Grey
12	SGDB2-212A	63/100/125A	Grey
14	SGDB2-214A-C	63/100/125A	Grey
16	SGDB2-216A-D	63/100/125A	Grey
18	SGDB2-218A-D	63/100/125A	Grey
22	SGDB2-222A-C	63/100/125A	Grey

Metal Base Dimension

Specification	L	W	H
4ways	150	260	116
6ways	186	260	116
8ways	222	260	116
10ways	258	260	116
12ways	294	260	116
14ways	330	260	116
16ways	366	260	116
18ways	402	260	116
22ways	474	260	116

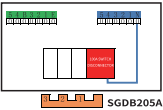
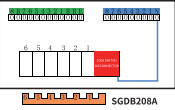
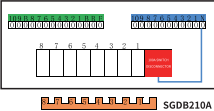
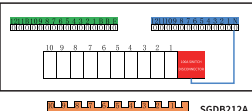
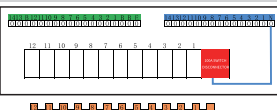
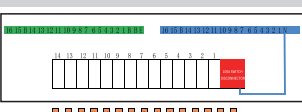
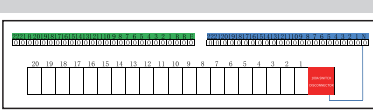


1.Plastic Strip Support	2.Plastic Strip	3.Flat Semi-Pecessed Hole Screw
4.Brass Terminal Block	5.Round M-Shape Screw	6.Din Rail Support on Left and Right
7.Din Rail	8.M4x4	9.Screw
10.Hinge	11.Metal Front Cover Screw and Spring	12.PC Window



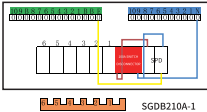
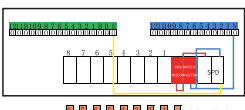
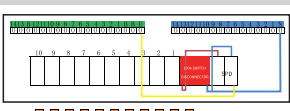
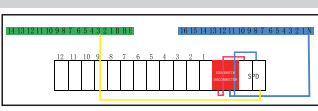
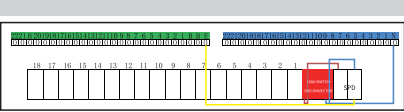
PRODUCT DISPLAY (TYPE A)



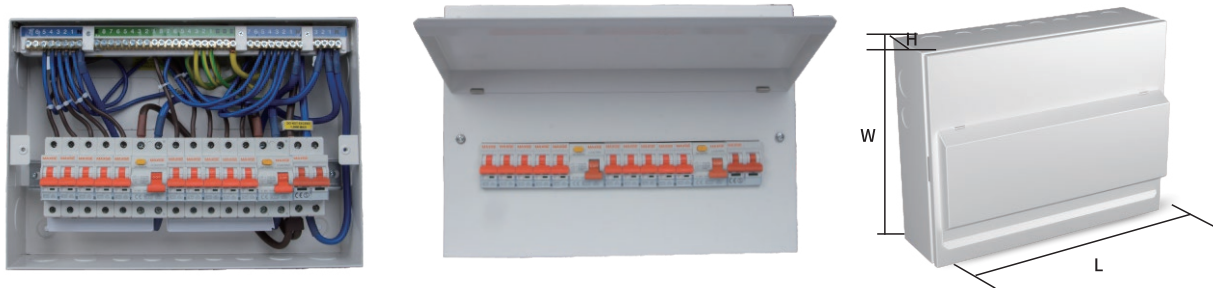
Specification	L	W	H	Board
SGDB205A (5ways)	148	260	116	 SGDB205A
SGDB208A (8ways)	222	260	116	 SGDB208A
SGDB210A (10ways)	258	260	116	 SGDB210A
SGDB212A (12ways)	294	260	116	 SGDB212A
SGDB214A (14ways)	330	260	116	 SGDB214A
SGDB216A (16ways)	366	260	116	 SGDB216A
SGDB218A (18ways)	402	260	116	 SGDB218A
SGDB222A (22ways)	474	260	116	 SGDB222A

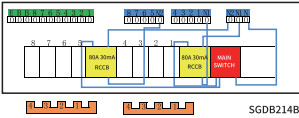
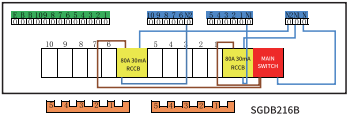
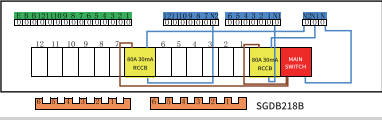
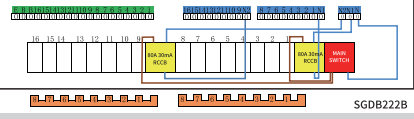
PRODUCT DISPLAY (TYPE A1)



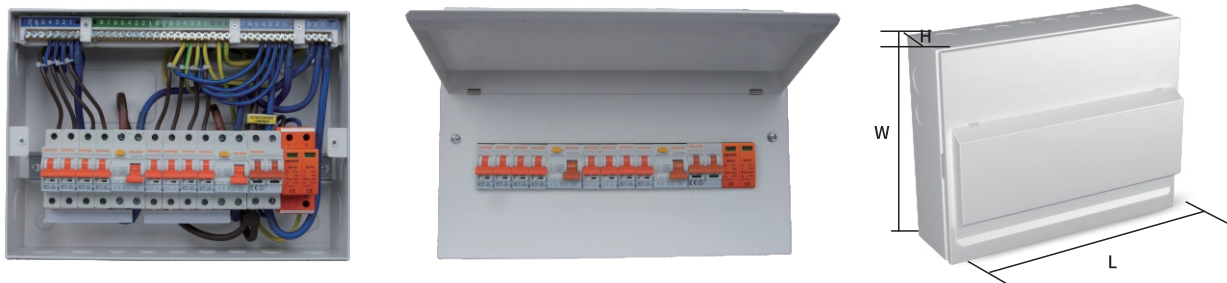
Specification	L	W	H	Board
SGDB210A (10ways)	148	260	116	 SGDB210A-1
SGDB212A (12ways)	222	260	116	 SGDB212A-1
SGDB214A (14ways)	258	260	116	 SGDB214A-1
SGDB216A (16ways)	294	260	116	 SGDB216A-1
SGDB218A (18ways)	330	260	116	 SGDB218A-1
SGDB222A (22ways)	366	260	116	 SGDB222A-1

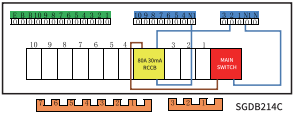
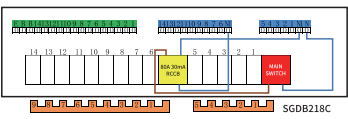
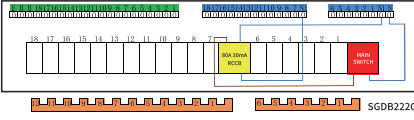
PRODUCT DISPLAY (TYPE B)



Specification	L	W	H	Board
SGDB214A (14ways)	330	260	116	 SGDB214B
SGDB216A (16ways)	366	260	116	 SGDB216B
SGDB218A (18ways)	402	260	116	 SGDB218B
SGDB222A (22ways)	474	260	116	 SGDB222B

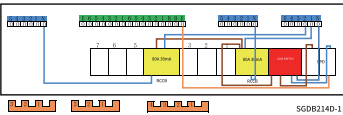
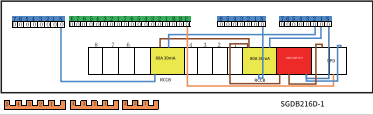
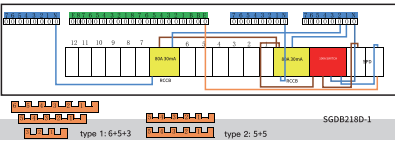
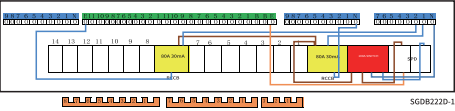
PRODUCT DISPLAY (TYPE C)



Specification	L	W	H	Board
SGDB214A (14ways)	330	260	116	 SGDB214C
SGDB218A (18ways)	402	260	116	 SGDB218C
SGDB222A (22ways)	474	260	116	 SGDB222C

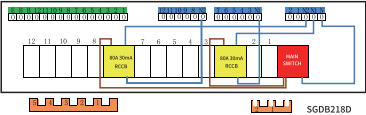
PRODUCT DISPLAY (TYPE D1)



Specification	L	W	H	Board
SGDB214A (14ways)	330	260	116	
SGDB216A (16ways)	366	260	116	
SGDB218A (18ways)	402	260	116	
SGDB222A (22ways)	474	260	116	

PRODUCT DISPLAY (TYPE D)



Specification	L	W	H	Board
SGDB218A (18ways)	402	260	116	

IP55 Surge Protection Units



Code	Surge Protection
SP55ACISO	Ip55 4Way Enclosure AC Isolator 63A MCB Type 2 Surge Arrester
SP255ACISO	Ip55 6Way Enclosure AC Isolator 63A MCB Type 2 Surge Arrester 2 pole

IP55 Shower Unit



Code	Outgoing ways	RCBO	RCD 1	MCB	Unit Dimensions H x W x D(mm)
SGSP1	0	40Amp 30MA			190X120X105
SGSP2	1		63Amp 30MA	50Amp	190X120X105

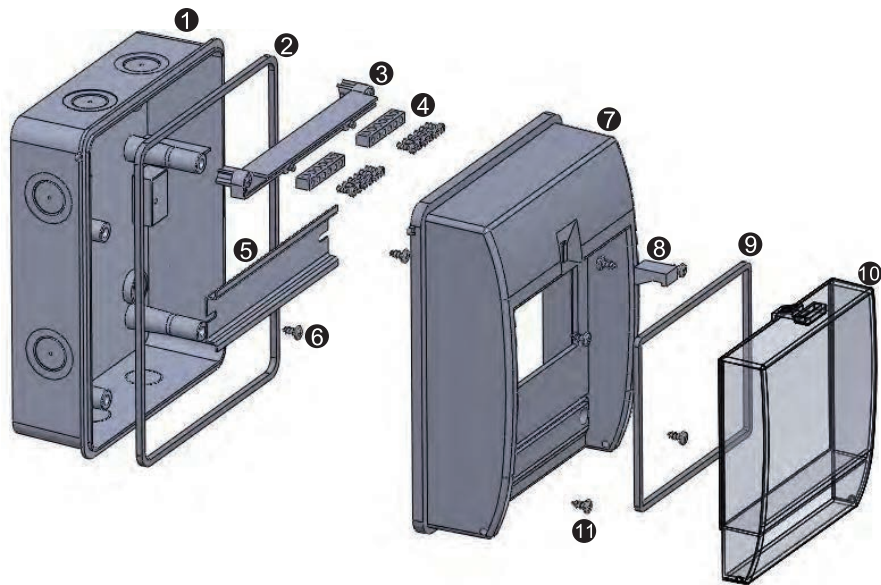
Manufactured to BS EN 60439-3

IP55 Garage Unit



Code	Outgoing ways	RCD 1	MCB	MCB	Unit Dimensions H x W x D(mm)
SGSP1	2	40Amp 30MA	6Amp	16Amp	190X160X105
SGSP2	2	63Amp 30MA	16Amp	16Amp	190X160X105
SGSP3	3	63Amp 30MA	6Amp	32Amp	190X160X105

Manufactured to BS EN 60439-3



- 1.Plastic base
- 2.Gasket
- 3.Terminal block Support
- 4.Brass Terminal block
- 5.Din Rail
- 6.Din Rail Screw
- 7.Front Cover
- 8.Plastic lock component
- 9.Gasket
- 10.PC window
- 11.Screw

SG-TH Distribution Box

Type code	Dimension	L	W	H
	Number of module			
SG-TH01	1way	34	130	60
SG-TH02	2ways	52	130	60
SG-TH04	4ways	87	130	60
SG-TH06	6ways	123	160	65
SG-TH08	8ways	160	160	60
SG-TH12	12ways	260	160	60
SG-TH18	18ways	365	160	60



SG-TH-02



SG-TH-04

Water Proof Distribution Box-HA Series

Type code	Number of module	Color of base	Color of door	Dimension (L*W*H)
SG-HA04	4	White	Transparent	140*210*100
SG-HA08	8	White	Transparent	215*210*100
SG-HA12	12	White	Transparent	300*260*140
SG-HA18	18	White	Transparent	410*280*140
SG-HA24	24	White	Transparent	415*300*140
Rated Voltage:690V Rated Current: 50Hz Material: Cover-PC Body-ABS				

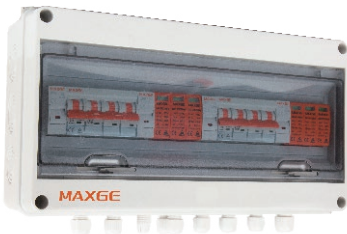
SG-HA



Water Proof Distribution Box-HT Series

Type code	Number of module	Color of base	Color of door	Dimension (L*W*H)
SG-HT02	2	White	Transparent	120*160*95
SG-HT05	5	White	Transparent	120*160*95
SG-HT08	8	White	Transparent	200*155*95
SG-HT12	12	White	Transparent	250*195*110
SG-HT15	15	White	Transparent	310*195*110
SG-HT18	18	White	Transparent	365*195*110
SG-HT24	24	White	Transparent	360*280*110
Rated Voltage:690V Rated Current: 50Hz Material: Cover-PC Body-ABS				

SG-HT



SGW, SGG, SGT type

Type code	Size	Type	Color of base	Color of cover
SGW-5050	50x50	O	White	White
SGW-8050	80x50	O	White	White
SGW-858550	80x80x50	O	White	White
SGW-10010070	85x85x50	O	White	White
SGW-15011070	100x100x70	O	White	White
SGW-15015070	150x150x70	O	White	White
SGW-20010070	150x110x70	O	White	White
SGW-20015580	200x100x70	O	White	White
SGW-20020080	200x155x80	O	White	White
SGW-25520080	200x200x80	O	White	White
SGW-300250120	300x250x120	O	White	White
SGW-400350120	400x350x120	O	White	White
SGG-655055	65x50x55	N	White	Grey
SGG-858060	85x80x60	N	White	Grey
SGG-1108070	110x80x70	N	White	Grey
SGG-10010070	100x100x70	N	White	Grey
SGG-12010070	120x100x70	N	White	Grey
SGG-15011070	150x110x70	N	White	Grey
SGG-17512575	175x125x75	N	White	Grey
SGG-175125100	175x125x100	N	White	Grey
SGG-15015080	150x150x80	N	White	Grey
SGG-20010080	200x100x80	N	White	Grey
SGG-18018080	180x180x80	N	White	Grey
SGG-200155100	200x155x100	N	White	Grey
SGG-200200100	200x200x100	N	White	Grey
SGG-250200100	250x200x100	N	White	Grey
SGG-300250130	300x250x130	N	White	Grey
SGG-400350130	400x350x130	N	White	Grey

Type code	Size	Type	Color of base	Color of cover
SGG-400350130	400x350x130	N	White	Grey
SGG-350300130	350x300x130	N	White	Transparent
SGT-655055	65x50x55	N	White	Transparent
SGT-858060	85x80x60	N	White	Transparent
SGT-1108070	110x80x70	N	White	Transparent
SGT-10010070	100x100x70	N	White	Transparent
SGT-12010070	120x100x70	N	White	Transparent
SGT-15011070	150x110x70	N	White	Transparent
SGT-17512575	175x125x75	N	White	Transparent
SGT-175125100	175x125x100	N	White	Transparent
SGT-15015080	150x150x80	N	White	Transparent
SGT-20010080	200x100x80	N	White	Transparent
SGT-18018080	180x180x80	N	White	Transparent
SGT-200155100	200x155x100	N	White	Transparent
SGT-200200100	200x200x100	N	White	Transparent



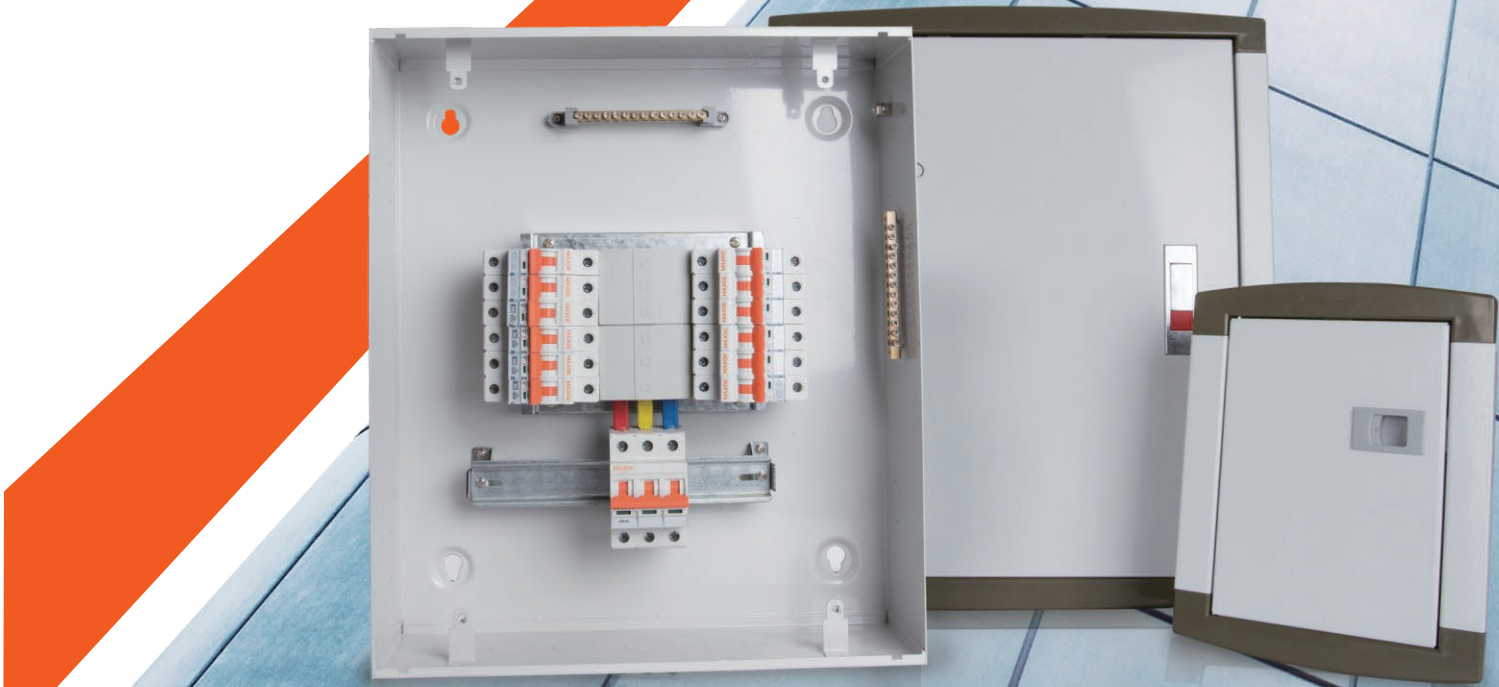
Technical data

Standard: EN/IEC61439-3
Modules (No.): 4, 6, 8, 10, 12, 14, 16
Rated current In(A): 100A, 150A, 250A
Degree of protection: IP40

Application:

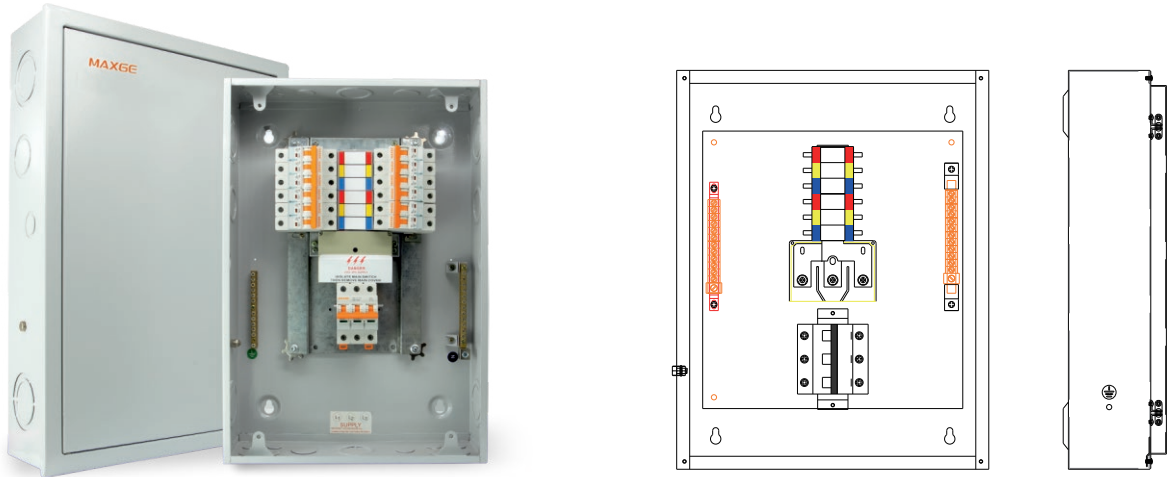
SGDB3 series 3 phase distribution box is available in plug in, din rail designs for indoor and outdoor applications and also available with main switch MCB, Isolator, MCCB or RCCB.

(1).Door plate: 1.2mm Box: 1.0mm
(2).100-150A busbar copper: 2.0mm
(3).250A busbar copper: 3.0mm
(4).Neutral ground copper strip: 8*12mm
(5).After pickling and phosphating, epoxy resin was used for electrostatic spraying



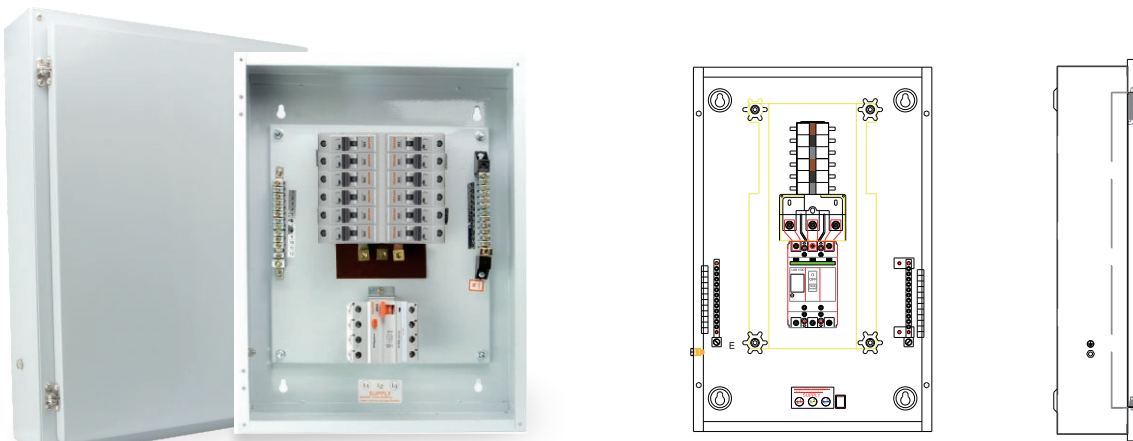
SGDB3 Series 3 phase Distribution Box

Din rail type with Isolator



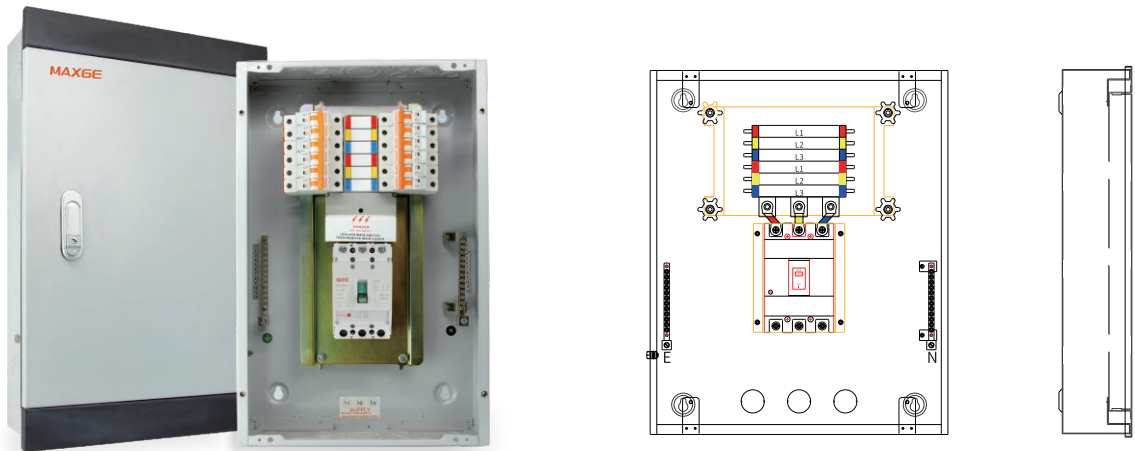
SGDB3 Series 3 phase Distribution Box

Plug in type with RCCB



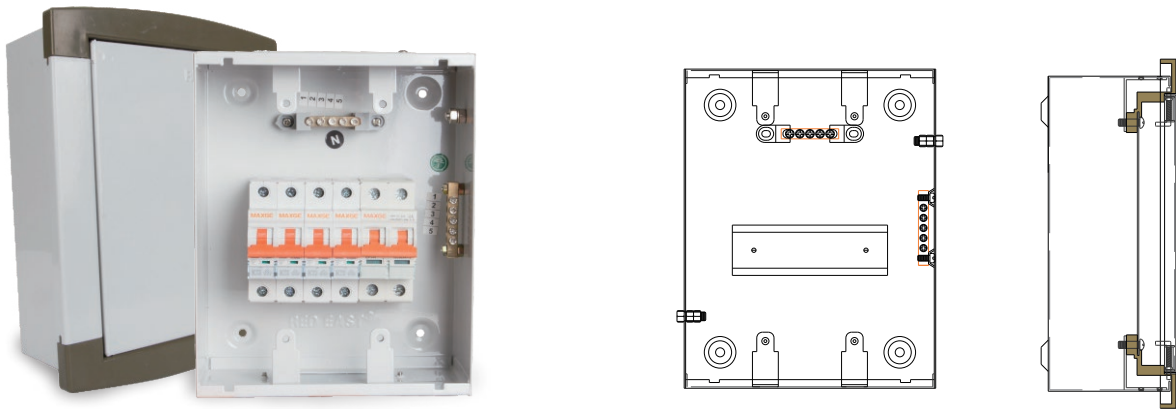
SGDB3 Series 3 phase Distribution Box

Din rail type with MCCB



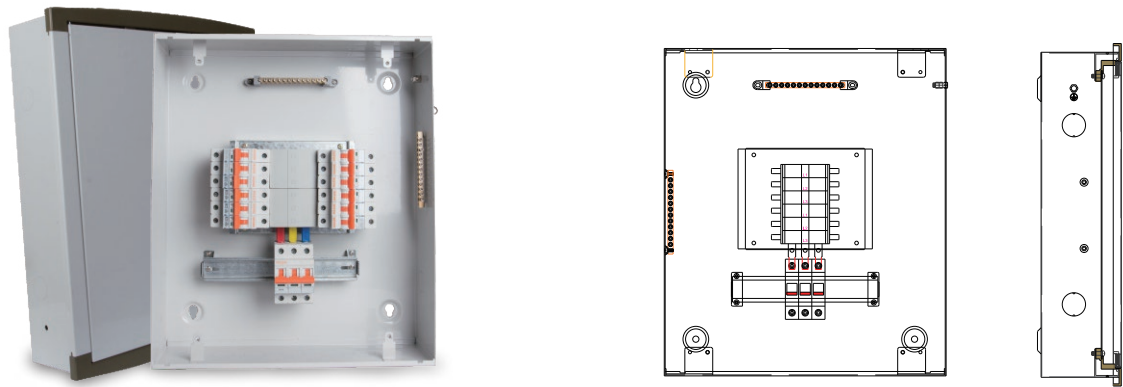
SGDB3 Series Single phase Distribution Box

Din rail type with MCB



SGDB3 Series 3 phase Distribution BOX (New Type)

Din rail type with Isolator



Specifications

Rated Current In(A)	Modules	L	H	W
100A	4ways	390	120	550
100A	6ways	390	120	604
100A	8ways	390	120	658
100A	10ways	390	120	712
150A	12ways	390	150	766
250A	14ways	390	150	874
250A	16ways	390	150	928

