



# Aluminum Terminal Enclosures



NO. OF CIRCUITS	OUTSIDE DIM. L x W x H	SHPG. WEIGHT	MODEL NO.
			Gray Cast Aluminum
4 Circuits	61 x 71 x 48	0.53 lbs	SG-AL-4P
6 Circuits	93 x 70 x 52	0.62 lbs	SG-AL-6P
10 Circuits	128 x 70 x 52	0.88 lbs	SG-AL-10P
12 Circuits	110 x110 x 52	1.1 lbs	SG-AL-12P
15 Circuits	172 x 70 x 55	1.32 lbs	SG-AL-15P
20 Circuits	145 x 125 x 62	1.54 lbs	SG-AL-20P
20 Circuits	265 x 80 x 80	2.25 lbs	SG-AL-20PT
30 Circuits	190 x 125 x 80	2.87 lbs	SG-AL-30P
40 Circuits	260 x 160 x 90	5.51 lbs	SG-AL-40P
50 Circuits	330 x 230 x 120	11.5 lbs	SG-AL-50P

COLOR(S)	Gray
INGRESS PROTECTION	IP67 / NEMA 12X
MATERIAL	Cast Aluminum
INPUT CURRENT	15 Amperes
RATED FREQUENCY	60Hz
RATED INPUT VOLTAGE	120 Volts
CERTIFYING AGENCY	TUV-SUD
COUNTRIES	Canada, USA, Germany
STANDARDS	UL 508A

# Project Boxes



OUTSIDE DIM. L x W x H	SHPG. WEIGHT	MODEL NO.
		Gray Cast Aluminum
61 x 71 x 48	0.55 lbs	SG-AL-617148
93 x 70 x 52	0.59 lbs	SG-AL-937052
128 x 70 x 52	0.86 lbs	SG-AL-127052
110 x110 x 52	1.03 lbs	SG-AL-111152
172 x 70 x 55	1.21 lbs	SG-AL-177055
145 x 125 x 62	1.29 lbs	SG-AL-121462
120 x 120 x 80	1.80 lbs	SG-AL-121208
235 x 80 x 80	2.23 lbs	SG-AL-238080
190 x 125 x 80	2.30 lbs	SG-AL-191208
160 x 160 x 90	2.56 lbs	SG-AL-161609
220 x 125 x 90	3.01 lbs	SG-AL-122209
260 x 160 x 90	3.32 lbs	SG-AL-162609

# ABS Terminal Enclosures



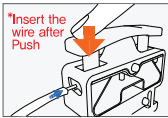
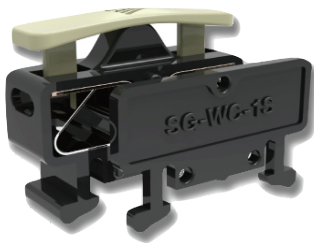
\*SG-TB-6PT-GC

\* GC models features polycarbonate clear cover that allows for routine inspections without cover removal

	TERMINAL LOCATION	OUTSIDE DIM. L x W x H	SHPG. WEIGHT	MODEL NO.		
				GRAY SOLID COVER	IVORY SOLID COVER	GRAY / CLEAR COVER
4 Position	Side Mounted	65 x 65 x 45	0.26 lbs	SG-TB-4PT-GS	SG-TB-4PT-IS	SG-TB-4PT-GC
	Center Mounted	90 x 45 x 45	0.26 lbs	SG-TB-4P15-GS	SG-TB-4P15-IS	SG-TB-4P15-GC
	Center Mounted w/ Single Screw	85 x 50 x 40	0.22 lbs	SG-TB-4P-GS	SG-TB-4P-IS	
6 Position	Side Mounted	80 x 65 x 45	0.26 lbs	SG-TB-6PT-GS	SG-TB-6PT-IS	SG-TB-4PT-GC
	Center Mounted	90 x 65 x 45	0.26 lbs	SG-TB-6P15-GS	SG-TB-6P15-IS	SG-TB-4P15-GC
	Center Mounted w/ Single Screw	85 x 55 x 40	0.22 lbs	SG-TB-6P-GS	SG-TB-6P-IS	
10 Position	Side Mounted	110 x 65 x 45	0.40 lbs	SG-TB-10PT-GS	SG-TB-10PT-IS	SG-TB-10PT-GC
	Center Mounted	90 x 100 x 45	0.44 lbs	SG-TB-10P15-GS	SG-TB-10P15-IS	SG-TB-10P15-GC
15 Position	Side Mounted	170 x 75 x 55	0.66 lbs	SG-TB-15PT-GS	SG-TB-15PT-IS	SG-TB-15PT-GC
	Center Mounted	200 x 100 x 65	0.93 lbs	SG-TB-15P15-GS	SG-TB-15P15-IS	SG-TB-15P15-GC
20 Position	Side Mounted	235 x 80 x 56	1.06 lbs	SG-TB-20PT-GS	SG-TB-20PT-IS	SG-TB-20PT-GC
	Center Mounted	160 x 150 x 65	1.15 lbs	SG-TB-20P15-GS	SG-TB-20P15-IS	SG-TB-20P15-GC
30 Position	Center Mounted	190 x 120 x 65	1.28 lbs	SG-TB-30P-GS	SG-TB-30P-IS	SG-TB-30P-GC
40 Position	Center Mounted	260 x 160 x 90	3.13 lbs	SG-TB-40P-GS	SG-TB-40P-IS	SG-TB-40P-GC

COLOR(S)	Gray / Ivory
INGRESS PROTECTION	IP65 / NEMA 6X
MATERIAL	ABS
INPUT CURRENT	15 Amper
RATED FREQUENCY	60Hz
RATED INPUT VOLTAGE	120 Volts
CERTIFYING AGENCY	TUV-SUD
COUNTRIES	Canada, USA, Germany
STANDARDS	UL 508A

# Wire Connector/ DIN Rail



DIN Rail



Base Color: Black  
Push Color: Ivory, Green

MODEL	SIZE(MM)	
	WIDTH	LENGTH
SG-WC-1S	25	22

MODEL	SIZE(MM)	
	WIDTH	LENGTH
SG-DR-15	15	1000

Weight : 3g  
Side board is optional

This connector with ABS push button is for the industrial use whose body is made of polycarbonate featuring shock and heat resistances. It is designed to facilitate your work better than terminal block wiring. This is DIN rail connector of versatile utilization as well as a space-saving connector due to it's compact size. (for 1.0mm)

# PVC Connector Box



\*SG-WC-10P

Base Color: Ivory/ Cover Color : Clear

PVC connector box is made on flame retardants and assembled with a wire strip connector instead of terminal block wiring so that it is able to save time and cost.

SIZE(MM) L x H x W	WEIGHT (LBS)	MODEL
90 x 65 x 45	.29	SG-WC-6P
100 x 90 x 45	.40	SG-WC-10P
200 x 100 x 52	.93	SG-WC-15P
160 x 150 x 65	1.05	SG-WC-20P



# Power Distribution



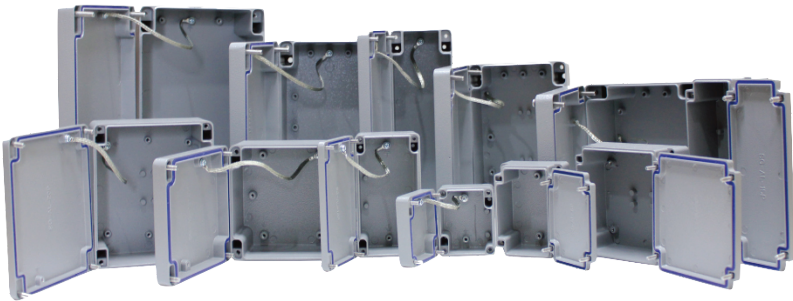
\*SG-PD3L10-100A

The Power Distribution distributes input power, connected from the main power to output power. The Power Distribution, improved than the existing complex one, makes installation tasks more efficient.

SPECS	SG-PD3L10-100A	SG-PD3L10-200A
Case Size (mm)	180 x 85 x 60	211 x 103 x 67
Power Fixing Bolt Size	M5	M8
Bolt Size	M5	M6
Mounting Size	166 x 75	186 x 93
Weight (lbs)	0.77	1.04



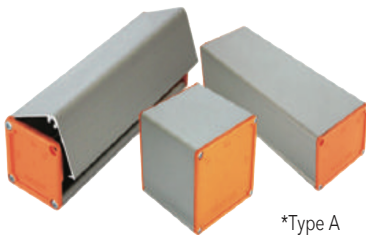
EX-Rated Aluminum Enclosures



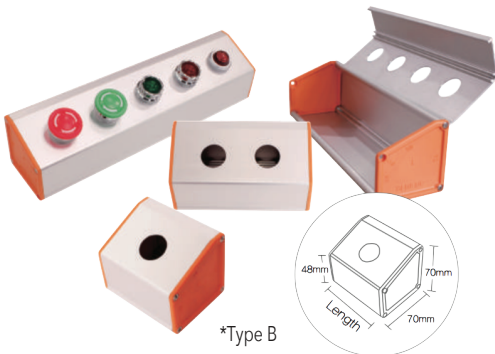
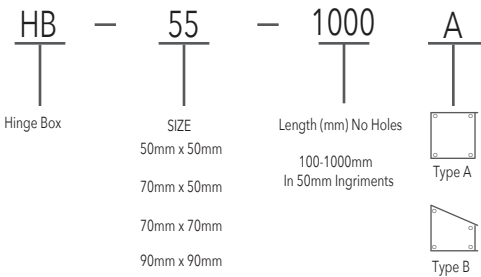
II 2 Gb Ex e II IP67

OUTSIDE DIM. L x W x H	SHPG. WEIGHT	MODEL NO.
		Gray Cast Aluminum
61 x 71 x 48	0.55 lbs	SG-AL-617148
93 x 70 x 52	0.59 lbs	SG-AL-937052
128 x 70 x 52	0.86 lbs	SG-AL-127052
110 x 110 x 52	1.03 lbs	SG-AL-111152
172 x 70 x 55	1.21 lbs	SG-AL-177055
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235 x 80 x 80	2.23 lbs	SG-AL-238080
190 x 125 x 80	2.30 lbs	SG-AL-191208
160 x 160 x 90	2.56 lbs	SG-AL-161609
220 x 125 x 90	3.01 lbs	SG-AL-122209
260 x 160 x 90	3.32 lbs	SG-AL-162609

Aluminum Hinge Boxes/Push Button Hinge Boxes



SIZE	THICKNESS	MODEL NO.	
		Type A □	Type B ▢
50mm x 50mm	1.2mm	HB-55-1000A	HB-55-1000B
70mm x 50mm	1.2mm	HB-75-1000A	HB-75-1000B
70mm x 70mm	1.4mm	HB-77-1000A	HB-77-1000B
90mm x 90mm	1.6mm	HB-90-1000A	HB-90-1000B



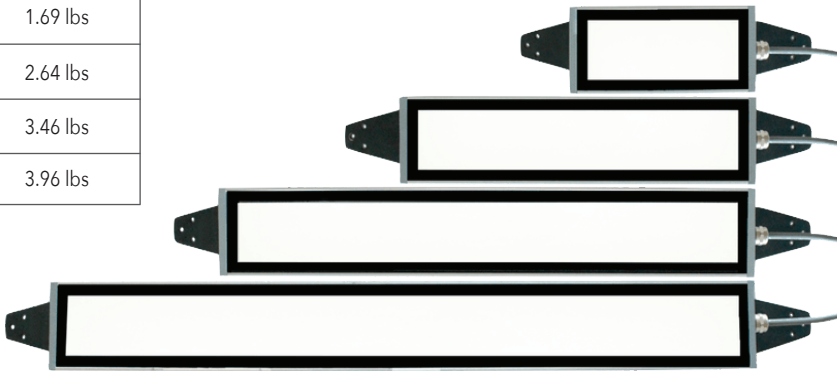
		MODEL NUMBER					
Type A □	HOLE SIZE	1 HOLE	2 HOLE	3 HOLE	4 HOLE	5 HOLE	6 HOLE
	22 25 30	HB-PB-2201A HB-PB-2501A HB-PB-3001A	HB-PB-2202A HB-PB-2502A HB-PB-3002A	HB-PB-2203A HB-PB-2503A HB-PB-3003A	HB-PB-2204A HB-PB-2504A HB-PB-3004A	HB-PB-2205A HB-PB-2505A HB-PB-3005A	HB-PB-2206A HB-PB-2506A HB-PB-3006A
Type B ▢	22 25 30	HB-PB-2201B HB-PB-2501B HB-PB-3001B	HB-PB-2202B HB-PB-2502B HB-PB-3002B	HB-PB-2203B HB-PB-2503B HB-PB-3003B	HB-PB-2204B HB-PB-2504B HB-PB-3004B	HB-PB-2205B HB-PB-2505B HB-PB-3005B	HB-PB-2206B HB-PB-2506B HB-PB-3006B

# LED Machine Light



LED COLOR	White
CASE MATERIAL & COLOR	Body: Aluminum/Silver Lens: Chemical Heat Strengthened Glass/Translucence Cover: Die Casting/Dark Gray
INPUT VOLTAGE	AC110V / AC220V / DC24V
COUNTRIES	6W / 5.5W / 12W
STANDARDS	-20° ~ + 40°

MODEL	SIZE(MM)	BRIGHTNESS	WEIGHT
	L x H x W		
SG-LED-ML-146	146 x 65 x 50	165 lx	1.69 lbs
SG-LED-ML-280	280 x 65 x 50	280 lx	2.64 lbs
SG-LED-ML-414	414 x 65 x 50	460 lx	3.46 lbs
SG-LED-ML-548	548 x 65 x 50	615 lx	3.96 lbs



# Aluminum Profile LED Lamp



LENGTH (mm)	WEIGHT (lb.)	MOUNTING BRACKETS	MODEL NO.
152	0.26	2	SG-LED1C-02
292	0.53	2	SG-LED1C-03
444	0.72	2	SG-LED1C-04
584	0.91	3	SG-LED1C-05
736	1.14	3	SG-LED1C-06
876	1.24	3	SG-LED1C-07
1041	1.56	4	SG-LED1C-08

LED COLOR	CASE COLOR	BRIGHTNESS	INPUT VOLTAGE	POWER COMSUPTION	OPERATING TEMPERATURE	GREEN PRODUCTS
White	Black	1m:63lux, 0.5m:190lux	AC110V	Below 3.5W	-10°C ~ 60°C	RoHS, Pb free

# Aluminum Push Button Boxes



	HOLE SIZE (mm)	OUTSIDE DIM. L x W x H	SHPG. WEIGHT	MODEL NO.
				IVORY
1 Hole	22 Round	90 x 80 x 70	0.84 lbs	SG-CB-2201
	25 Round			SG-CB-2501
	30 Round			SG-CB-3001
2 Hole	22 Round	135 x 80 x 70	1.06 lbs	SG-CB-2202
	25 Round			SG-CB-2502
	30 Round			SG-CB-3002
3 Hole	22 Round	180 x 80 x 70	1.23 lbs	SG-CB-2203
	25 Round			SG-CB-2503
	30 Round			SG-CB-3003
4 Hole	22 Round	220 x 80 x 70	1.57 lbs	SG-CB-2204
	25 Round			SG-CB-2504
	30 Round			SG-CB-3004







# PVC Push Button Boxes



	HOLE SIZE (mm)	OUTSIDE DIM. L x W x H	SHPG. WEIGHT	MODEL NO.		
				Red	Yellow	White
1 Hole	12 Round	60 x 51 x 45	0.30 lbs	SG-PB-1201R	SG-PB-1201Y	SG-PB-1201W
	16 Round			SG-PB-1601R	SG-PB-1601Y	SG-PB-1601W
	22 Tabs	90 x 80 x 70	0.39 lbs	SG-PB-2201R	SG-PB-2201Y	SG-PB-2201W
	25 Tabs			SG-PB-2501R	SG-PB-2501Y	SG-PB-2501W
	30 Tabs			SG-PB-3001R	SG-PB-3001Y	SG-PB-3001W
2 Hole	12 Round	90 x 50 x 45	0.34 lbs	SG-PB-1202R	SG-PB-1202Y	SG-PB-1202W
	16 Round			SG-PB-1602R	SG-PB-1602Y	SG-PB-1602W
	22 Tabs	135 x 80 x 70	0.50 lbs	SG-PB-2202R	SG-PB-2202Y	SG-PB-2202W
	25 Tabs			SG-PB-2502R	SG-PB-2502Y	SG-PB-2502W
	30 Tabs			SG-PB-3002R	SG-PB-3002Y	SG-PB-3002W
3 Hole	22 Tabs	180 x 80 x 55	0.55 lbs	SG-PB-2203R	SG-PB-2203Y	SG-PB-2203W
	25 Tabs			SG-PB-2503R	SG-PB-2503Y	SG-PB-2503W
	30 Tabs	180 x 80 x 70		SG-PB-3003R	SG-PB-3003Y	SG-PB-3003W
4 Hole	22 Tabs	220 x 80 x 55	0.66 lbs	SG-PB-2204R	SG-PB-2204Y	SG-PB-2204W
	25 Tabs			SG-PB-2504R	SG-PB-2504Y	SG-PB-2504W
	30 Tabs	220 x 80 x 70		SG-PB-3004R	SG-PB-3004Y	SG-PB-3004W

# Mini Push Button Box



Mini Push Button Box	
Model No.	TO BE DETERMINED
OUTSIDE DIM.	
Enclosure Dim. L x W x H	Enclosure w/ Switch L x W x H
58 x 48 x 43	58 x 48 x 63
ELECTRICAL SPECS.	
Switch: LED Back Lit 24V 125 V VAC 3 amp Max	
Certifications(Switch):  	
Certifications(Enclosure):  	

Earth Bar



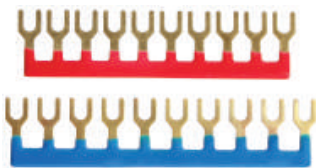
MODEL	SIZE(MM)	STANDARD
	L x H x W	
SG-EB-4P	105 x 90 x 15	15X3T
SG-EB-5P	121 x 107 x 15	15X3T
SG-EB-6P	139 x 124 x 15	15X3T
SG-EB-8P	166 x 152 x 15	15X3T
SG-EB-10P	197 x 152 x 15	15X3T

DC Terminal Block



MODEL	SIZE(MM)
	L x H x W
SG-DC-4P	49x 22x 22
SG-DC-6P	66x 22x 26
SG-DC-10P	99x 22x 26
SG-DC-15P	148x 22x 26
SG-DC-20P	190x 22x 31

Short Bar



MODEL	COLOR	PRODUCT DETAIL	RANGE OF USE
SG-BB-10	RED	Step 15Amp	TB- 4P, 4PT, 6P, 6PT 10P, 15PT, 20PT, 30P AL- 4P, 6P, 10P, 12P 15P, 20P, 20PT, 30P, 40P
SG-BB-15	BLUE	Step 15Amp	TB- 4P15, 6P15, 10P15, 15P15, 20P15

Cable Glands



\*DS-PG-13.5



\*DS-PG-13.5BK

HOLE SIZE(IN.)	LENGTH(IN.)	NUT SIZE(MM)	MODEL NO.	
			Gray	Black
0.469	1.17	17	DS-PG-7	DS-PG-7BK
0.594	1.20	22	DS-PG-9	DS-PG-9BK
0.734	1.56	24.5	DS-PG-11	DS-PG-11BK
0.796	1.56	27	DS-PG-13.5	DS-PG-13.5BK
0.890	1.8	30	DS-PG-16	DS-PG-16BK
1.093	1.8	36	DS-PG-21	DS-PG-21BK

Brass Cable Gland



\*A2F-S-32-M32



II 2 Gb Ex e II IP67

MODEL NO.		CABLE DIAMETER RANGE
METRIC	A2F-S-25-M25	14 ~ 17mm
	A2F-S25A-M25	16.1 ~ 19.5mm
	A2F-S-32-M32	21 ~ 26mm
	A2F-S-40-M40	24 ~ 28mm
	A2F-S-50-M50	32.1 ~ 34mm
NPT	A2F-S-25-034NPT	14 ~ 17.5mm
	A2F-S-25A-034NPT	16.1 ~ 19.5mm
	A2F-S-32B-0100NPT	21 ~ 26mm
	A2F-S-40-114NPT	24 ~ 28mm
	A2F-S-50-112NPT	32.1 ~ 34mm