

Plastic Terminal Box

Nomenclature

SG - TB - 4 P G

① ② ③ ④

① **Product name**
Plastic Terminal Box

② **Number of pins**
4 - 50 Pin

③ **Allowable current**
P, PT : 10A / P15 : 15A

④ **Color**
G : Gray / I : Ivory
GC : Gray with transparent cover
IC : Ivory with transparent cover



Feature

The boxes come in two colors – gray and ivory – with three types of covers : gray, ivory and transparent. Excellent waterproofing and dustproofing thanks to the polyurethane packing. Terminal integrated box using incombustible ABS, with various customized sizes available for user convenience.

Electrical Specifications

Allowable current: 10 A / 15 A
Rated frequency: 50Hz
Rated input voltage: AC 250 Volts
Withstand voltage: 1880V / 1 minute

Description

Plastic terminal boxes use incombustible ABS and are suitable for sensors, limits S/W, V/V BOX and various kinds of intermediate terminal boxes. Assembling existing prefabricated terminals and boxes is not difficult; productivity is maximized with all-in-one production, which saves resources so that they can be used more practically and safely. It is used in a range of fields, including industrial machinery, robots, commercial wiring, and low voltage control systems.

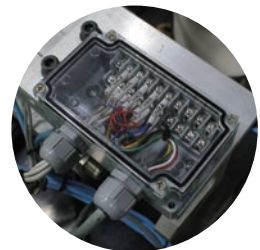
Product Specifications

Color: Gray, Ivory, Transparent cover
Tolerance: $\pm 1\text{mm}$
Operating temperature: $-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$
Protection rating: IP65 / NEMA 6X
Material: Incombustible ABS / Transparent cover Polycarbonate
Mounting hole size: 0.17 in

Safety Specifications



RoHS



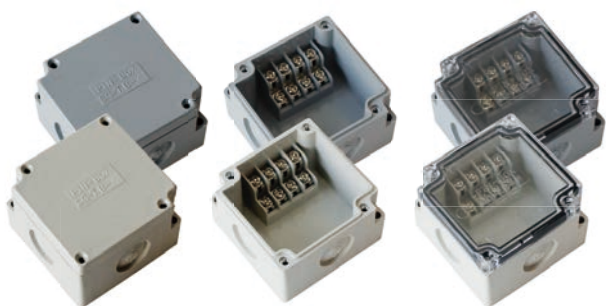
Model	Size(mm)	Weight	Model	Size(mm)	Weight
SG-TB-4P	50 X 85 X 40	80 g	SG-TB-15P15	100 X 200 X 65	423 g
SG-TB-4P15	52 X 90 X 45	94 g	SG-TB-15PT	75 X 170 X 55	290 g
SG-TB-4PT	65 X 65 X 45	99 g	SG-TB-20P15	150 X 160 X 65	479 g
SG-TB-6P	55 X 85 X 40	88 g	SG-TB-20PT	80 X 235 X 56	440 g
SG-TB-6P15	65 X 90 X 45	135 g	SG-TB-30P	125 X 190 X 65	527 g
SG-TB-6PT	65 X 80 X 45	115 g	SG-TB-30PT	125 X 190 X 65	527 g
SG-TB-10P15	90 X 100 X 45	183 g	SG-TB-40P	160 X 260 X 90	1421 g
SG-TB-10PT	65 X 110 X 45	156 g	SG-TB-50P	160 X 260 X 90	1522 g

**SG-TB-4P****10 A**

- Size(mm) : 50 X 85 X 40
- Weight : 80g
- Color : Gray, Ivory

**SG-TB-4P15****15 A**

- Size(mm) : 52 X 90 X 45
- Weight : 94g
- Color : Gray, Ivory, Transparent cover

**SG-TB-4PT****10 A**

- Size(mm) : 65 X 65 X 45
- Weight : 99g
- Color : Gray, Ivory, Transparent cover

**SG-TB-6P****10 A**

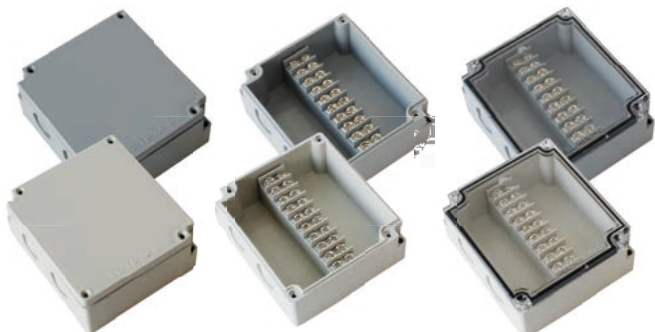
- Size(mm) : 55 X 85 X 40
- Weight : 88g
- Color : Gray, Ivory

**SG-TB-6P15****15 A**

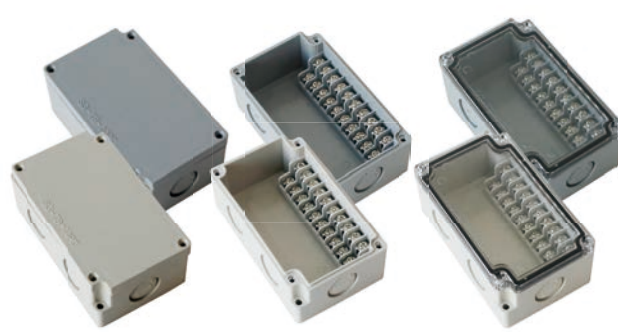
- Size(mm) : 65 X 90 X 45
- Weight : 135g
- Color : Gray, Ivory, Transparent cover

**SG-TB-6PT****10 A**

- Size(mm) : 65 X 80 X 45
- Weight : 115g
- Color : Gray, Ivory, Transparent cover

**SG-TB-10P15****15 A**

- Size(mm) : 90 X 100 X 45
- Weight : 183g
- Color : Gray, Ivory, Transparent cover

**SG-TB-10PT****10 A**

- Size(mm) : 65 X 110 X 45
- Weight : 156g
- Color : Gray, Ivory, Transparent cover

**SG-TB-15P15****15A**

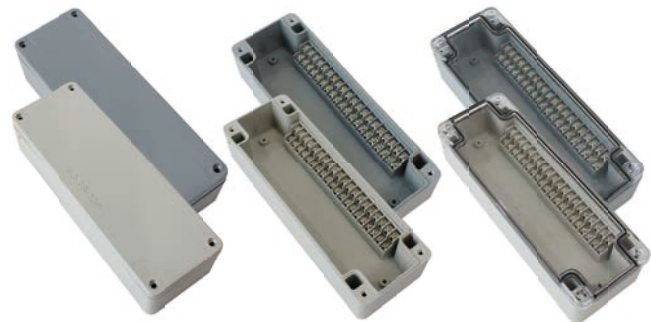
- Size(mm) : 100 X 200 X 65
- Weight : 423g
- Color : Gray, Ivory, Transparent cover

**SG-TB-15PT****10A**

- Size(mm) : 75 X 170 X 55
- Weight : 290g
- Color : Gray, Ivory, Transparent cover

**SG-TB-20P15****15A**

- Size(mm) : 150 X 160 X 65
- Weight : 479g
- Color : Gray, Ivory, Transparent cover

**SG-TB-20PT****10A**

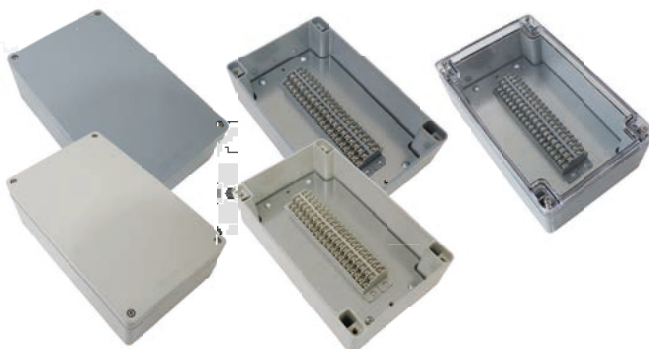
- Size(mm) : 80 X 235 X 56
- Weight : 440g
- Color : Gray, Ivory, Transparent cover

**SG-TB-30P****10A**

- Size(mm) : 125 X 190 X 65
- Weight : 527g
- Color : Gray, Ivory, Transparent cover

**SG-TB-30PT****10A**

- Size(mm) : 125 X 190 X 65
- Weight : 527g
- Color : Gray, Ivory, Transparent cover

**SG-TB-40P****10A**

- Size(mm) : 160 X 260 X 90
- Weight : 1421g
- Color : Gray, Ivory, Transparent cover

**SG-TB-50P****10A**

- Size(mm) : 160 X 260 X 90
- Weight : 1522g
- Color : Gray, Ivory, Transparent cover

**SG-TB-15P15****15A**

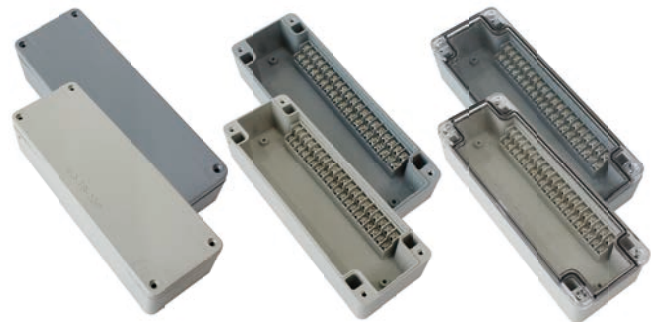
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- Size(mm) : 75 X 170 X 55
- Weight : 290g
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**SG-TB-20P15****15A**

- Size(mm) : 150 X 160 X 65
- Weight : 479g
- Color : Gray, Ivory, Transparent cover

**SG-TB-20PT****10A**

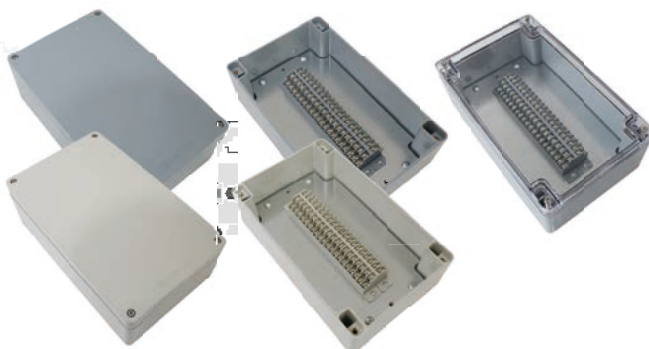
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**SG-TB-30P****10A**

- Size(mm) : 125 X 190 X 65
- Weight : 527g
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**SG-TB-30PT****10A**

- Size(mm) : 125 X 190 X 65
- Weight : 527g
- Color : Gray, Ivory, Transparent cover

**SG-TB-40P****10A**

- Size(mm) : 160 X 260 X 90
- Weight : 1421g
- Color : Gray, Ivory, Transparent cover

**SG-TB-50P****10A**

- Size(mm) : 160 X 260 X 90
- Weight : 1522g
- Color : Gray, Ivory, Transparent cover

Plastic Junction Box

Nomenclature

SG - JB - 802305

① ②

- ① **Product name**
Plastic Junction Box
- ② **Product size**
Width x length x height



RoHS

Product Specifications

Color: Gray / Ivory / Transparent cover
Tolerance: ± 1mm
Operating temperature: -20°C ~ +70°C
Protection rating: IP65 / NEMA 6X
Material: Incombustible ABS /
Transparent cover Polycarbonate

Model	Size(mm)	Weight(g)
SG-JB-802305	80 X 235 X 56	300
SG-JB-121906	125 X 190 X 65	370
SG-JB-162609	160 X 260 X 90	750

Plastic Push Button Box

Nomenclature

SG - PB - 22 01 (70) Y

① ② ③ ④ ⑤

- ① **Product name**
Plastic Push Button Box
- ② **Hole size**
Ø22 / Ø25 / Ø30
- ③ **Number of holes**
1 / 2 / 3 / 4 Holes
- ④ **Product height**
55mm / 70mm
- ⑤ **Cover color**
Red, Yellow, White



Feature

UL approved product
The plastic push button box has a hole (Ø22 / Ø25 / Ø30) in the cover so that the switch can be installed without a separate process.

Description

The plastic pushbutton box is made in three colors: red, yellow, and white. Plastic push button boxes are used especially often in emergency stop switches, and are safer to use with bright, vivid colors when they are used as emergency switches. This product is designed to be durable and easy to install using PC materials.
This plastic push button box is designed to be durable and easy to install using PC materials.

Product Specifications

Color: Red, Yellow, White (Cover) / Black (Base)
Tolerance: ± 1mm
Operating temperature: -20°C ~ +110°C
Material: Polycarbonate

Safety Specifications



Example of use



※ There are only 1 hole and 2 holes in the mini type.

Mini 1 hole



- Size(mm) : 51 X 60 X 45
- Hole size : Ø12, Ø16
- Cover color : White, Yellow
- Weight : 139g

Mini 2 holes



- Size(mm) : 50 X 95 X 45
- Hole size : Ø12, Ø16
- Cover color : White, Yellow
- Weight : 157g

1 hole



- Size(mm) : 90 X 80 X 55 / 90 X 80 X 70
- Hole size : No Hole, Ø22, Ø25, Ø30
- Weight : 178g
- Cover color : Red, White, Yellow

2 holes



- Size(mm) : 135 X 80 X 55 / 135 X 80 X 70
- Hole : No Hole, Ø22, Ø25, Ø30
- Weight : 231g
- Cover color : Red, White, Yellow

3 holes



- Size(mm) : 180 X 80 X 55 / 180 X 80 X 70
- Hole size : Ø22, Ø25, Ø30
- Weight : 253g
- Cover color : Red, White, Yellow

4 holes



- Size(mm) : 220 X 80 X 55 / 220 X 80 X 70
- Hole size : Ø22, Ø25, Ø30
- Weight : 303g
- Cover color : Red, White, Yellow

Hole	Ø	Model	Size(mm)	Weight	Hole	Ø	Model	Size(mm)	Weight
MINI 1 hole	Ø12 Ø16	SG-PB-1201 SG-PB-1601	51 X 60 X 45	139g	MINI 2 holes	Ø12 Ø16	SG-PB-1202 SG-PB-1602	50 X 95 X 45	157g
1 hole	Hole-free	SG-PB-0001	90 X 80 X 55 90 X 80 X 70	178g	3 holes	Ø22	SG-PB-2203	180 X 80 X 55 180 X 80 X 70	253g
	Ø22	SG-PB-2201				Ø25	SG-PB-2503		
	Ø25	SG-PB-2501				Ø30	SG-PB-3003		
	Ø30	SG-PB-3001							
2 holes	Hole-free	SG-PB-0002	135 X 80 X 55 135 X 80 X 70	231g	4 holes	Ø22	SG-PB-2204	220 X 80 X 55 220 X 80 X 70	303g
	Ø22	SG-PB-2202				Ø25	SG-PB-2504		
	Ø25	SG-PB-2502				Ø30	SG-PB-3004		
	Ø30	SG-PB-3002							