

# Terminal Block Box



## Non-Metallic Terminal Block Box

| Part Number | Outside size (including cover) |                    |           | No. of Poles | Terminal Layout |
|-------------|--------------------------------|--------------------|-----------|--------------|-----------------|
|             | Unit:mm                        | Unit : inch        | Knock-Out |              |                 |
| BC-A①②-4P   | 55 x 91 x 43                   | 2.17 x 3.58 x 1.69 | Ø21       | 4            | Flat            |
| BC-A①②-4PH  | 50 x 82 x 43                   | 1.92 x 3.23 x 1.69 | Ø21       | 4            | Stair           |
| BC-A①②-4PT  | 65 x 74 x 43                   | 2.56 x 2.91 x 1.69 | Ø21       | 4            | Stair           |
| BC-A①②-6PH  | 55 x 91 x 43                   | 2.17 x 3.58 x 1.69 | Ø21       | 6            | Stair           |
| BC-A①②-6PT  | 75 x 91 x 43                   | 2.95 x 3.58 x 1.69 | Ø21       | 6            | Stair           |
| BC-A①②-6P   | 75 x 91 x 43                   | 2.95 x 3.58 x 1.69 | Ø21       | 6            | Flat            |
| BC-A①②-10P  | 91 x 102 x 43                  | 3.58 x 4.01 x 1.69 | Ø21       | 10           | Flat            |
| BC-A①②-10PT | 75 x 125 x 43                  | 2.95 x 4.92 x 1.69 | Ø21       | 10           | Stair           |
| BC-A①②-15PT | 100 x 185 x 70                 | 3.94 x 7.28 x 2.76 |           | 15           | Stair           |
| BC-A①②-15P  | 100 x 200 x 70                 | 3.94 x 7.87 x 2.76 |           | 15           | Flat            |
| BC-A①②-20P  | 100 x 230 x 70                 | 3.94 x 9.06 x 2.76 |           | 20           | Flat            |
| BC-A①②-20PT | 100 x 230 x 70                 | 3.94 x 9.06 x 2.76 |           | 20           | Stair           |
| BC-A①②-20PA | 160 x 160 x 70                 | 6.30 x 6.30 x 2.76 |           | 20           | 2 Line Stair    |
| BC-A①②-20P2 | 160 x 160 x 70                 | 6.30 x 6.30 x 2.76 |           | 20           | 2 Line Flat     |

①G: Opaque cover / T: Transparent cover    ②B: Grayish blue / G: Gray  
\* Ø21=PG13.5 Gland

## Specifications

|                     |  |
|---------------------|--|
| Protection Level    | Dust/Water proof: IP66/67, NEMA 4X/6                     |
|                     | Impact test: IK07/08 (Non-metallic), IK 09/10 (Aluminum) |
| Certification       | CE, TUV, RoHS  |
| Temperature range   | ABS: -40°C to 70°C (-40°F to 158°F)                      |
|                     | PBT: -40°C to 100°C (-40°F to 212°F)                     |
| Flammability Rating | ABS: UL94-HB   |
|                     | PBT: GF 15%, V-Ø   |
| Rated Current       | 17A 400V   |
| Material            | ABS (with Built-in Cable Gland : PBT)                    |

## Non-Metallic Terminal Block Box with Built-in Cable Gland

| Part Number | Outside size (including cover) |                    | Assembled Cable Gland | No. of Poles | Terminal Layout | Color |
|-------------|--------------------------------|--------------------|-----------------------|--------------|-----------------|-------|
|             | Unit: mm                       | Unit: Inch         |                       |              |                 |       |
| BC-T①G-3P   | 33 x 65 x 24                   | 1.29 x 2.55 x 0.94 | 2 x PG9               | 3            | Flat            | Gray  |
| BC-T①G-4P   | 40 x 60 x 24                   | 1.57 x 2.36 x 0.94 | 2 x PG9               | 4            | Flat            | Gray  |
| BC-T①G-6P   | 50 x 70 x 24                   | 1.96 x 2.75 x 0.94 | 2 x PG9               | 6            | Flat            | Gray  |

①G: Opaque cover / T: Transparent cover

## Aluminum Terminal Block Box

| Model No.   | Outside size (including cover) |                         | Number of poles | Terminal Layout |
|-------------|--------------------------------|-------------------------|-----------------|-----------------|
|             | W x L x H (Unit :mm)           | W x L x H (Unit : inch) |                 |                 |
| BC-AL-5PT   | 80 x 75 x 65                   | 3.15 x 2.95 x 2.56      | 5               | Stair           |
| BC-AL-6P    | 80 x 75 x 65                   | 3.15 x 2.95 x 2.56      | 6               | Flat            |
| BC-AL-9P    | 100 x 100 x 80                 | 3.94 x 3.94 x 3.15      | 9               | Flat            |
| BC-AL-10PT  | 80 x 125 x 65                  | 3.15 x 4.92 x 2.56      | 10              | Stair           |
| BC-AL-15PT  | 100 x 160 x 80                 | 3.94 x 6.30 x 3.15      | 15              | Stair           |
| BC-AL-15P   | 100 x 160 x 80                 | 3.94 x 6.30 x 3.15      | 15              | Flat            |
| BC-AL-20PT  | 120 x 220 x 80                 | 4.72 x 8.66 x 3.15      | 20              | Stair           |
| BC-AL-20P   | 120 x 220 x 80                 | 4.72 x 8.66 x 3.15      | 20              | Flat            |
| BC-AL-20PAS | 150 x 132 x 90                 | 5.90 x 5.19 x 3.54      | 20              | 2 Line Stair    |
| BC-AL-20PA  | 160 x 160 x 90                 | 6.30 x 6.30 x 3.54      | 20              | 2 Line Stair    |
| BC-AL-20P2  | 160 x 160 x 90                 | 6.30 x 6.30 x 3.54      | 20              | 2 Line Flat     |
| BC-AL-25PT  | 160 x 260 x 90                 | 6.30 x 10.24 x 3.54     | 25              | Stair           |
| BC-AL-30PA  | 180 x 180 x 100                | 7.09 x 7.09 x 3.94      | 30              | 2 Line Stair    |
| BC-AL-30PAS | 120 x 220 x 80                 | 4.72 x 8.66 x 3.15      | 30              | 2 Line Stair    |
| BC-AL-30P2  | 230 x 200 x 110                | 9.06 x 7.87 x 4.33      | 30              | 2 Line Flat     |
| BC-AL-40PA  | 160 x 260 x 90                 | 6.30 x 10.24 x 3.54     | 40              | 2 line Stair    |
| BC-AL-40P2  | 160 x 260 x 90                 | 6.30 x 10.24 x 3.54     | 40              | 2 Line Flat     |
| BC-AL-45P3  | 230 x 200 x 110                | 9.06 x 7.87 x 4.33      | 45              | 3 Line Flat     |
| BC-AL-50PA  | 160 x 260 x 90                 | 6.30 x 10.24 x 3.54     | 50              | 2 Line Stair    |