



| Technical Data |   |
|----------------|---|
| IP65           | Protection class : IP65 {Waterproof switch<br>Exclusive cable gland} required |
|                | Operating Temperature : -20°C ~ +75°C   |
|                | Recommended torque : 1N • m ~ 1.5N • m  |



- IP65 switch box with 1 ~ 4  $\Phi$ 22 hole(s) on the top cover.
- Made from flame retardant UL94V-0 high heat resistant polycarbonate material.
- $\Phi$ 22 knock-outs on 2 opposite ends for easy wiring access if required.
- Exclusive cable gland, B131210G for  $\Phi$ 22 knock-outs is available as optional parts.
- IP65 protection class is maintained with waterproof switches and the exclusive cable glands installed.
- Yellow/Black color types available as BTO (built-to-order) at a MOQ of 500 pcs. For custom color order, the material would be changed to ABS UL94HB, with an operating temperature of -10°C ~ +60°C.

#### Components

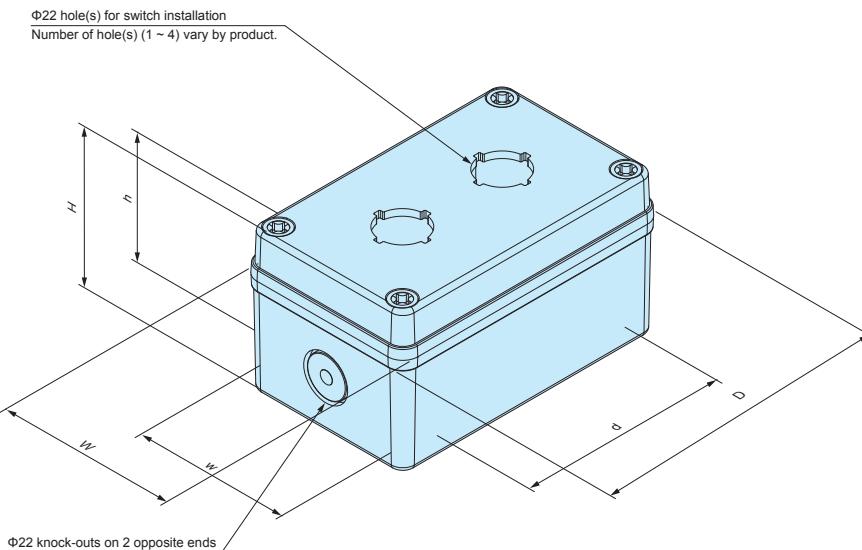
| No. | Part name   | Pcs | Material                                 | Color / Finish |
|-----|-------------|-----|--|----------------|
| 1   | Top cover   | 1   | Polycarbonate UL94V-0                    | Light gray     |
| 2   | Base        | 1   | Glass fiber filled polycarbonate UL94V-0 | Light gray     |
| 3   | Gasket      | 1   | Polyurethane                             | Black          |
| 4   | Cover screw | 4   | Glass fiber filled nylon                 | White gray     |

#### Accessories (Optional parts)

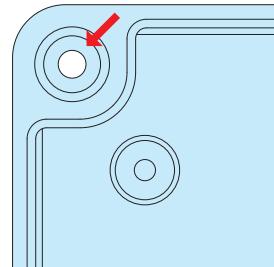
|   |   |   |   |
|---|---|---|---|
|  |  |  |  |
| Exclusive cable gland B131210G<br>See page 330                                      | Stainless steel mounting bracket CK-34Z<br>See website                              | Spare cover screw CB20<br>See website   | PCB mounting screw MT4-8T<br>See page 320   |

## BCSB dimensions

■ DXF/DWG/PDF drawings available on our website.



■ Wall mounting without an optional wall mounting bracket is possible through inserting the wall mount screw directly into the cover screw hole on the base part.



## Product no. / Dimensions

| Product no.      | External dimensions |       |      | Internal dimensions |     |      | Switch hole(s) | Knock-outs | Weight (g) |
|------------------|---------------------|-------|------|---------------------|-----|------|----------------|------------|------------|
|                  | W                   | D     | H    | w                   | d   | h    |                |            |            |
| BCSB081107-2201G | 80                  | 110.5 | 70.3 | 67                  | 67  | 55.8 | φ22 x 1        | φ22 x 2    | 204        |
| BCSB081307-2202G | 80.5                | 130.5 | 70   | 67                  | 87  | 55.6 | φ22 x 2        | φ22 x 2    | 222        |
| BCSB081807-2203G | 80                  | 180   | 70.5 | 67                  | 137 | 56.3 | φ22 x 3        | φ22 x 2    | 278        |
| BCSB082507-2204G | 80                  | 250   | 71   | 67                  | 207 | 56.3 | φ22 x 4        | φ22 x 2    | 364        |

## Accessories (Optional parts)

**B131210G****EXCLUSIVE CABLE GLAND for BCSB**

- Exclusive cable gland for φ22 knock-outs on BCSB series switch box.
- The PG13.5 thread (Φ20.5) is a little smaller than φ22 hole but is compatible for the φ22 knock-out hole.
- Install B131210G into the very center of the φ22 knock-out hole.
- Cap and connector are made from PA66 material, light gray color type. Sealing insert and O-ring are made from NBR material, black color type.

## Technical Data

Protection class : IP65  
Operating temperature : -20°C ~ +75°C



## Product no. / Dimensions

| Product no. | Cable range |     | Suitable models | Weight (g) |
|-------------|-------------|-----|-----------------|------------|
|             | Min         | Max |                 |            |
| B131210G    | 7           | 11  | BCSB series     | 12.7       |

■ DXF/DWG/PDF drawings available on our website.

## BCM SERIES

## BLIND PLUG for BCAS • BCAL



- Blind plug for BCAS • BCAL when installing hinges and latches.  
Not usable when using cover screws.

## Components

| Part name  | Material | Color      |
|------------|----------|------------|
| Blind plug | ABS      | White gray |

## Product no. / Suitable box

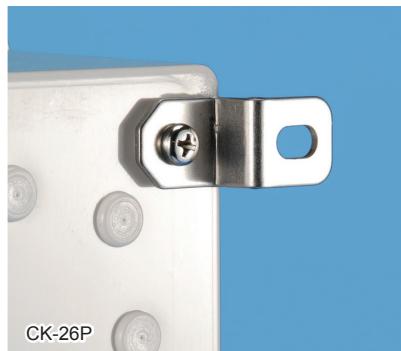
| Product no. | Suitable box  | Pack of |
|-------------|---|---------|
| BCM-1       | BCAS series (Not available for BCAS050604, 050605 models) | 1       |
| BCM-2       | BCAL series   | 1       |

## CK SERIES

## STAINLESS STEEL MOUNT BRACKET

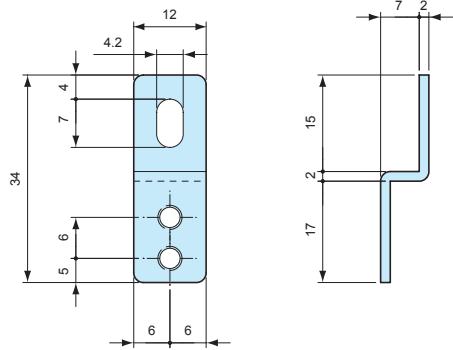


CK-34Z

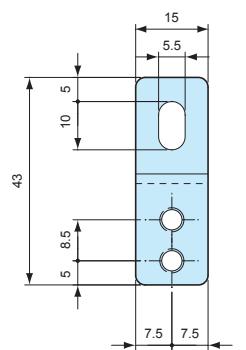


CK-26P

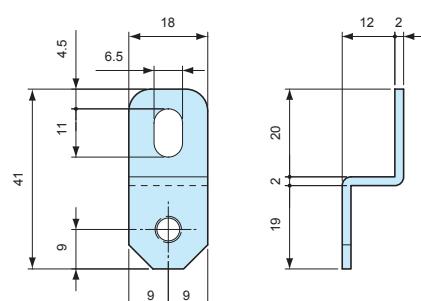
CK-34Z dimensions



CK-35P dimensions



CK-26P dimensions



- CK-34Z model requires the use of MT4-10 screw.

## Product no. / Suitable box

| Product no. | Material               | Finish        | Suitable box   | Included screw         | Pack of |
|-------------|------------------------|---------------|--|------------------------|---------|
| CK-34Z      | Stainless steel SUS304 | Barrel finish | BCAS series (Not applicable for BCAS050604, 050605 models) | –                      | 4       |
| CK-35P      | Stainless steel SUS304 | Barrel finish | BCAS050604G, BCAS050605G                                   | Pan head tapping M4-10 | 4       |
| CK-26P      | Stainless steel SUS304 | Barrel finish | BCAL series  | Pan head M5-10         | 4       |

## MT4-10

## MOUNTING SCREW

- Use together with CK-34Z.

## Product no. / Feature

| Product no.             | Material        | Finish     | Pack of |
|-------------------------|-----------------|------------|---------|
| MT4-10 (Pan head M4-10) | Stainless steel | Unfinished | 4       |

## MT SERIES

## PCB MOUNTING SCREW



■ Mounting screw for the bosses without insert-nut.

## Product no. / Feature

| Product no.                        | Material | Finish             | Pack of |
|------------------------------------|----------|--------------------|---------|
| MT4-8T (Binding head tapping M4-8) | Steel    | Trivalent chromate | 20      |
| MT5-8T (Binding head tapping M5-8) | Steel    | Trivalent chromate | 20      |

## Suitable box chart

| Product no. | Suitable box   | Tightening torque |
|-------------|--|-------------------|
| MT4-8T      | BCAS071005, 081104, 081107, 081108, 081110, 081307, 081308, 081807, 081808, 082507, 082508, 101007, 101010, 101807, 102007, 102307, 121207, 121210, 141709, 142309, 151507, 151510, 152004, 152007, 152010, 152013, 152016, 152510, 152513, 161607, 202010, 202013, 202016, 202019, and 212310 models. | 0.7N·m            |
| MT5-8T      | BCAL series  | 1.4N·m            |

## CB SERIES

## SPARE COVER SCREW for BCAS



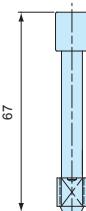
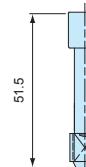
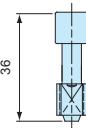
CB20



CB35



CB50



## Product no. / Feature / Suitable box

| Product no. | Material           | Color      | Pack of |
|-------------|--------------------|------------|---------|
| CB20        | Fiberglass • Nylon | White gray | 1       |
| CB35        | Fiberglass • Nylon | White gray | 1       |
| CB50        | Fiberglass • Nylon | White gray | 1       |

| Product no. | Suitable box   |
|-------------|--|
| CB20        | BCAS060905, 071005, 080806, 081104, 081107, 081108, 081307, 081807, 082507, 101007, 101010, 101807, 102007, 102307, 121207, 121210, 141709, 142309, 151507, 151510, 152004, 152007, 152010, 152013, 152510, 161607, 202010, 202013, 202016, and 212310 models<br>TMB-15PS, 20P, 20PL |
| CB35        | BCAS081110, 081308, 081808, and 082508 models  |
| CB50        | BCAS152016, 152513, and 202019 models  |

## CB SERIES

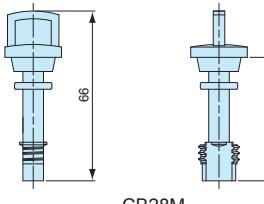
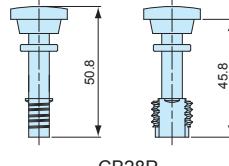
## SPARE COVER SCREW for BCAL



CB28P



CB28M



CB28P

CB28M

## Product no. / Feature / Suitable box

| Product no. | Material           | Color      | Suitable box | Pack of |
|-------------|--------------------|------------|--------------|---------|
| CB28P       | Fiberglass • Nylon | White gray | BCAL series  | 1       |
| CB28M       | Fiberglass • Nylon | White gray | BCAL series  | 1       |