

NO: Sw-102

DATE: October 2014



PRODUCT: B3FS-4 (High Force & Projected Plunger)
TYPE: Product RELEASE

Omron's Product Extension of the B3FS-4 offers high-force and projected plunger options

OMRON announces the product expansion of the **B3FS-4 series**. Omron is now offering high-force and projected plunger options.

B3FS-4 switches are now available for promotion and ordering immediately. Please read below details carefully and should you have any questions, please contact your Omron sales team.



Key Features and Benefits

- 12 x 12 mm addition to the B3FS series
- Distinctive snapping action and extended mechanical/electrical durability
- Available in embossed taping packages for automatic mounting
- B32 series keycaps are available for the projected plunger models (see below)
- Extended Service Life of 3 million operations.
- The switch operates from -25 to +70C
- RoHS Compliant



Target Applications

- Industrial keyboards
- Machinery keyboards
- POS keyboards
- Lift buttons
- And many more!





Competition

No direct competitors.

Selling Information

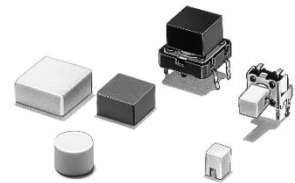
List of Models

| Type | Plunger | Height | Operating force (OF) | Plunger Color | Embossed tape | |
|--------------------------------|---|--------|----------------------|---------------|--------------------------------|-------------------|
| | | | | | Model | Quantity per reel |
| 12 x 12 mm (Flat) |  | 4.3 mm | 150 gf (1.47 N) | Black | B3FS-4002P | 1,000 |
| | | | 260 gf (2.55 N) | | B3FS-4005P NEW | |
| 12 x 12 mm (Projected Plunger) |  | 7.3 mm | 150 gf (1.47 N) | | B3FS-4052P NEW | 500 |
| | | | 260 gf (2.55 N) | | B3FS-4055P NEW | |

Note: Order in multiples of the minimum order unit. Switches are not sold individually.

Tactile Switch Key Tops-

- Designed for projected-plunger types: B3F, B3FS, B3W switches
- Available in a wide variety of colors and sizes
- RoHS compliant
- View the [B32 Key Top](#) datasheet.



| Color | 6 x 6 mm Switches (B3F-1000, B3F-3000, B3F-6000, B3W-1000, B3FS-1000) | | | 12 x 12 mm Switches (B3F-4000, B3F-5000, B3W-4000, B3FS-4000) | | |
|--------|--|-------------------|----------------|--|--------------------|---------------------|
| | 4 x 4 mm Key Top | 6 mm dia. Key Top | D-type Key Top | 9 x 9 mm Key Top | 12 x 12 mm Key Top | 9.5-mm dia. Key Top |
| Ivory | B32-1000 | B32-2000 | B32-2100 | B32-1200 | B32-1300 | B32-1600 |
| Black | B32-1010 | B32-2010 | B32-2110 | B32-1210 | B32-1310 | B32-1610 |
| Orange | B32-1020 | — | — | B32-1220 | B32-1320 | B32-1620 |
| Yellow | B32-1030 | — | — | B32-1230 | B32-1330 | B32-1630 |
| Blue | B32-1040 | — | — | B32-1240 | B32-1340 | — |
| White | B32-1060 | — | — | B32-1260 | B32-1360 | — |
| Red | B32-1080 | — | — | B32-1280 | B32-1380 | — |

Pricing

List Pricing, OEM and Distributor discount schedules:

| Model | List Price | Discount Code | Quantity per reel |
|------------|------------|---------------|-------------------|
| B3FS-4005P | 1.60 | S3 | 1,000 pcs |
| B3FS-4052P | 1.9924 | S3 | 500 pcs |
| B3FS-4055P | 2.10 | S3 | 500 pcs |

Literature Support

- The B3FS-4 datasheet can be viewed/downloaded [HERE](#).
- Family page is [HERE](#).

Samples

Please contact your Omron Sales Team.