



**Complete flush-mounting/hollow wall slim distribution board, white, 24 SU per row, 6 rows, 100 mm mounting depth**

**Part no.** BF-UT-2S-6/144-100-E  
**Catalog No.** 302812

## Delivery program

|                                                  |                                      |                 |                                                                                                                                       |
|--------------------------------------------------|--------------------------------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Basic function                                   |                                      |                 | Basic device                                                                                                                          |
| Product function                                 |                                      |                 | Installation distribution boards                                                                                                      |
| Product range                                    |                                      |                 | BF flat DBO                                                                                                                           |
| Design                                           |                                      |                 | Flush mounted                                                                                                                         |
| Installation site                                |                                      |                 | Indoor                                                                                                                                |
| Type of installation                             |                                      |                 | Hollow-wall mounting and flush mounting                                                                                               |
| Door/Flap                                        |                                      |                 | Transparent                                                                                                                           |
| Degree of Protection                             |                                      |                 | IP30                                                                                                                                  |
| Colour                                           |                                      |                 | White                                                                                                                                 |
| Module rack                                      |                                      |                 | Single-rail                                                                                                                           |
| Shroud for protection against accidental contact |                                      |                 | Metal                                                                                                                                 |
| Rows                                             | Count                                |                 | 6                                                                                                                                     |
| Module units per row                             |                                      |                 | 24                                                                                                                                    |
| Description                                      |                                      |                 | IP30<br>Protection Class I<br>Steel sheet enclosure white (RAL 9016)                                                                  |
| Cable entries                                    |                                      |                 | Cable entries on top and bottom                                                                                                       |
| PE and N terminals design                        |                                      |                 | Screw terminals                                                                                                                       |
| PE and N terminals                               | Number<br>x cross-<br>sectional area | mm <sup>2</sup> | PE: 2 x 25 + 43 x 16<br>N: 2 x 25 + 27 x 16                                                                                           |
| Equipment supplied                               |                                      |                 | Wall trough<br>Door frame with DIN-rails<br>Door with three-point turn-lock<br>Front plates<br>Neutral-/protective conductor terminal |

## Technical data

### General

|                                                                                       |                |      |                                              |
|---------------------------------------------------------------------------------------|----------------|------|----------------------------------------------|
| Standards                                                                             |                |      | IEC/EN 61439-1, IEC/EN 61439-3, IEC/EN 62208 |
| RoHS (in accordance with Directive 2002/95/EC of the European Parliament and Council) |                |      | conform                                      |
| Ambient temperature                                                                   |                | °C   | -5 - +40                                     |
| Degree of Protection                                                                  |                |      | IP30                                         |
| Protection class                                                                      |                |      | I (earthed)                                  |
| Rated operational voltage                                                             | U <sub>e</sub> | V AC | 415                                          |
| Rated frequency                                                                       | f              | Hz   | 50/60                                        |

### Material characteristics

|          |  |  |                            |
|----------|--|--|----------------------------|
| Material |  |  | Sheet steel, powder-coated |
| Colour   |  |  | white (RAL 9016)           |

### Material properties

|                   |  |  |      |
|-------------------|--|--|------|
| Mechanical        |  |  |      |
| Impact resistance |  |  | IK07 |

## Technical data ETIM 7.0

|                                                                                                                                                                                                                                     |  |  |                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|-------------------------|
| Distribution boards (EG000023) / Small distribution board (EC000214)                                                                                                                                                                |  |  |                         |
| Electric engineering, automation, process control engineering / Electrical installation, device / Electrical distribution system (incl. small distribution board) / Small distribution board (ec1@ss10.0.1-27-14-24-09 [ACN387011]) |  |  |                         |
| Mounting method                                                                                                                                                                                                                     |  |  | Flush mounted (plaster) |
| Number of rows                                                                                                                                                                                                                      |  |  | 6                       |

|                                     |  |    |        |
|-------------------------------------|--|----|--------|
| Width in number of modular spacings |  |    | 24     |
| Type of cover                       |  |    | Door   |
| Cover model                         |  |    | Closed |
| Transparent cover/door              |  |    | Yes    |
| Material housing                    |  |    | Steel  |
| Height                              |  | mm | 1068   |
| Width                               |  | mm | 587.5  |
| Depth                               |  | mm | 101    |
| Built-in depth                      |  | mm | 100    |
| Internal depth                      |  | mm | 95     |
| DIN-rail                            |  |    | Yes    |
| With mounting plate                 |  |    | No     |
| Extension possible                  |  |    | Yes    |
| EMC-version                         |  |    | No     |
| Colour                              |  |    | White  |
| RAL-number                          |  |    | 9016   |
| Degree of protection (IP)           |  |    | IP30   |
| With lock                           |  |    | No     |
| Type of closure                     |  |    | Other  |