

**Miniature circuit breaker**  
**FB1-63 ECO B 3P 3A**  
 Order code: FB1B3003



**Technical specifications**

| Main  |   |
|---|---|
| Standard  | IEC/EN 60898, IEC/EN 60947-2            |
| Series  | FB1-63 ECO                              |
| Type  | Miniature circuit breaker               |
| Number of poles   | 3P                                      |
| Number of protected poles                               | 3                                       |
| Rated current I <sub>n</sub> , A                        | 3                                       |
| Network type  | AC                                      |
| Rated frequency f, Hz                                   | 50/60                                   |
| Trip unit technology                                    | thermal-magnetic                        |
| Selectivity class                                       | 3                                       |
| Tripping characteristics                                | B                                       |
| Utilisation category                                    | category A conforming to EN/IEC 60947-2 |
| Rated voltage U <sub>n</sub> , V                        | 230/400                                 |
| Rated breaking capacity I <sub>cs</sub> , A             | 6000                                    |
| Rated voltage of the insulation U <sub>i</sub> , V      | 500                                     |
| Rated impulse withstand voltage U <sub>imp</sub> , kV   | 4                                       |
| Contact position indicator                              | yes                                     |
| Control type  | toggle                                  |
| Mounting mode   | clip-on                                 |
| DIN rail mounting                                       | TN 35                                   |
| Height, mm  | 82                                      |
| Width, mm   | 54                                      |
| Depth, mm   | 74                                      |
| Weight, kg  | 0.309                                   |
| Mechanical service life (cycles)                        | 20 000                                  |
| Electrical service life (cycles)                        | 10 000                                  |
| Cross-section of connecting conductors, mm <sup>2</sup> | up to 25                                |
| Connecting of busbar                                    | PIN, FORK                               |
| Connecting of additional devices                        | no                                      |
| Bolt tensioning torque, Nm                              | 2.0                                     |
| Release time, s   | ≤0.01                                   |
| Sealing option ON/OF                                    | yes                                     |

| Environment                     |                                |
|---------------------------------|--------------------------------|
| Protection class                | IP20 conforming to IEC 60529   |
| Pollution degree                | 3 conforming to EN/IEC 60947-2 |
| Altitude above sea level, m     | 0...2 000                      |
| Operating temperature range, °C | -25...+55                      |
| Storage temperature range, °C   | -25...+70                      |
| Warranty                        | 5 years                        |