PROMFACTOR



# Miniature circuit breaker
# FB1-125 ECO C 2P 50A
Order code: FB1C20050

## Technical specifications

| Main | |
|---|---|
| Standard | IEC/EN 60898, IEC/EN 60947-2 |
| Series | FB1-125 ECO |
| Type | Miniature circuit breaker |
| Number of poles | 2P |
| Number of protected poles | 2 |
| Rated current In, A | 50 |
| Network type | AC |
| Rated frequency f, Hz | 50/60 |
| Trip unit technology | thermal-magnetic |
| Selectivity class | 3 |
| Tripping characteristics | C |
| Utilisation category | category A conforming to EN/IEC 60947-2 |
| Rated voltage Un, V | 230/400 |
| Rated breaking capacity Ics, A | 10 000 |
| Rated voltage of the insulation Ui, V | 500 |
| Rated impulse withstand voltage Uimp, kV | 4 |
| Contact position indicator | yes |
| Control type | toggle |
| Mounting mode | clip-on |
| DIN rail mounting | TN 35 |
| Height, mm | 80 |
| Width, mm | 54 |
| Depth, mm | 73 |
| Weight, kg | 0.278 |
| Mechanical service life (cycles) | 20 000 |
| Electrical service life (cycles) | 8 000 |
| Cross-section of connecting conductors, mm² | up to 50 |
| Connecting of busbar | PIN |
| Connecting of additional devices | no |
| Bolt tensioning torque, Nm | 3.0 |
| 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 |