PROMFACTOR

# Residual current circuit breaker with over-current protection FAP10-AC "B" 40A/0,1A 2P 10кА

Order code: FAP10B40100AC



## Technical specifications

| Main | |
|---|---|
| Standard | IEC 61009 |
| Type | RCBO |
| Series | FAP10-AC |
| Number of poles | 1P+N |
| Rated current In, A | 40 |
| Leakage current IΔn, mA | 100 |
| Network type | AC |
| Sensitivity to leakage current | AC |
| Rated frequency f, Hz | 50/60 |
| Rated voltage Un, V | ~230 |
| Tripping characteristics | B |
| Limiting cwitching capacity Icu, A | 10 000 |
| Rated voltage of the insulation Ui, V | 500 |
| Rated impulse withstand voltage Uimp, kV | 4 |
| Trip unit technology | electromagnetic/thermal |
| Selectivity class | 3 |
| DIN rail mounting | TN 35 |
| Mechanical service life (cycles)<br>Electrical service life (cycles) | 20 000<br>6 000 |
| Cross-section of connecting conductors, mm² | up to 25 |
| Differential protection type | electromechanical |
| Release time, s | ≤0.1 |
| Bolt tensioning torque, Nm | 3.5 |
| Connecting of busbar | PIN/FORK |
| Connecting of additional devices | no |
| Mounting mode | any |
| Sealing option ON/OFF | yes |
| Height, mm | 80 |
| Width, mm | 36 |
| Depth, mm | 74 |
| Weight, kg | 0.227 |

| 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 |