PROMFACTOR

# Residual current circuit breaker FPR-AC 80A/0,1A 2P 10кA

Order code: FPR2080100AC



## Technical specifications

| Main | |
|---|---|
| Standard | EN/IEC 61008-1 |
| Series | FPR-AC |
| Type | RCCB |
| Number of poles | 2P |
| Rated current In, A | 80 |
| Leakage current IΔn, mA | 100 |
| Network type | AC |
| Sensitivity to leakage current | AC |
| Rated frequency f, Hz | 50/60 |
| Rated voltage Un, V | 230/400 |
| 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 | electromechanical |
| Selectivity class | 3 |
| Contact position indicator | yes |
| Control type | toggle |
| Switch type | modular |
| DIN rail mounting | TN 35 |
| Mechanical service life (cycles) | 20 000 |
| Electrical service life (cycles) | 4 000 |
| Cross-section of connecting conductors, mm² | up to 25 |
| Connecting of busbar | PIN, FORK |
| Connecting of additional devices | no |
| Bolt tensioning torque, Nm | 3.5 |
| Release time, s | ≤0.1 |
| Sealing option ON/OFF | yes |
| Mounting mode | any |
| Height, mm | 82 |
| Width, mm | 36 |
| Depth, mm | 78 |
| Weight, kg | 0.222 |

| 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 |