

## Residual current circuit breaker FPR-AC 40A/0,1A 2P 10kA

Order code: FPR2040100AC



### Technical specifications

| Main                                                    |                   |
|---------------------------------------------------------|-------------------|
| Standard                                                | EN/IEC 61008-1    |
| Series                                                  | FPR-AC            |
| Type                                                    | RCCB              |
| Number of poles                                         | 2P                |
| Rated current $I_n$ , A                                 | 40                |
| Leakage current $I_{\Delta n}$ , mA                     | 100               |
| Network type                                            | AC                |
| Sensitivity to leakage current                          | AC                |
| Rated frequency $f$ , Hz                                | 50/60             |
| Rated voltage $U_n$ , V                                 | 230/400           |
| Limiting cwitching capacity $I_{cu}$ , A                | 10 000            |
| Rated voltage of the insulation $U_i$ , V               | 500               |
| Rated impulse withstand voltage $U_{imp}$ , 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, mm <sup>2</sup> | 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                                              | 0.220             |

| 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                        |