

REC4

Self-reclosing RCCB



Description

REC4 is a 2-pole differential circuit breaker associated with a smart reclosing motor, for safe reclosing of the associated RCCB. A compact unit that is installed as an RCCB, removing the need for interconnections between the motor and the RCCB. Insulation reclosing mode is used to ensure high-sensitivity protection, meaning the unit only recloses when the defect which caused it to trip has disappeared. The unit has a locking system that determines operation in manual or automatic mode (reclosing enabled).

Applications

All electrical installations requiring full continuity of power in the event of unexpected situations, which cause the earth leakage relay to trip due to causes not attributable to the electrical insulation.

- Property sector, refrigerators, alarms, garage doors
- Services sector, air conditioning, refrigerating chambers, lighting, UPS, etc.
- Industry sector, control of critical production processes

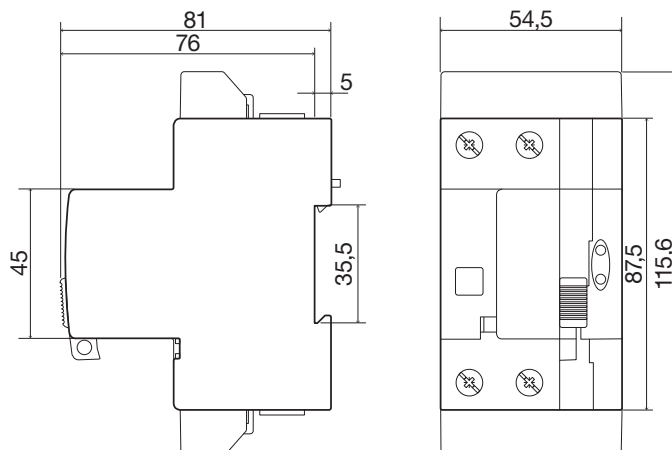
Technical features

| | | |
|----------------------------|---|--|
| Protection | Type | Class A RCCB |
| | Sensitivity, $I_{\Delta n}$ | 30 mA |
| | Trip delay, t_{Δ} | Instantaneous |
| | Nominal current, I_n | 40 A |
| | Number of poles | 2 poles |
| | Test | Button built into the circuit breaker |
| | Reset | Mechanism on the front panel of the motor for switching ON/OFF |
| Reclosing system | Associated circuit breaker | RCCB |
| | Number of reclosings | 3 |
| | Time between reclosings | 3, 20, 180 s |
| | Reclosing meter reset time | 10, 20, 60 s |
| Cancel reclosing | Mechanism on the front panel of the motor for switching ON/OFF. Sealable. | |
| Electrical features | Service voltage | 230 Vac |
| | Auxiliary power supply | 230 Vac \pm 20% 50/60Hz |
| | Operating temperature | -25 ... +55°C |
| Mechanical features | Mounting | DIN rail 46277 (EN 50022) |
| | Dimensions | 3 modules |
| | Weight | 296 g |
| | Protection degree | IP 20 |
| Standards | IEC 61008-1, UNE-EN 50557 | |

References

| Type | Code | Reclosing mode | I_n (A) | Sensitivity |
|----------------|--------|----------------|-----------|-------------|
| REC4-2P-40-30M | P26A21 | Insulation | 40 | 30 mA |

Dimensions



Connection

