

Residual Current Protective Devices

General Data

Product overview

Overview

Residual current operated circuit-breakers (RCCBs)



5SM3

- Type AC, type A
- $I_n = 16 \dots 125 \text{ A}$
- $I_{\Delta n} = 10 \text{ mA} \dots 1 \text{ A}$
- 2-pole (1-pole + N) and 4-pole (3-pole + N)
- N-connection, right and left
- Versions **[K]** and **[S]**
- SIGRES for severe environmental conditions **[i]**
- Version for 500 V
- Version 50 ... 400 Hz

SIQUENCE RCCBs, UC sensitive



5SM3

- Type B
- $I_n = 25 \dots 80 \text{ A}$
- $I_{\Delta n} = 30, 300 \text{ mA}$
- 4-pole (3+ N)
- Versions **[K]** and **[S]**
- Leakage current measurement device

SIQUENCE RCBOs, UC sensitive



5SU1

- Combined person and line protection
- Type B
- $I_n = 100 \dots 125 \text{ A}$
- $I_{\Delta n} = 30, 300 \text{ mA}$
- MCB characteristic C, D
- Rated short-circuit capacity 10 kA
- 4-pole
- Versions **[K]** and **[S]**

RCCBs with integral overcurrent protection (RCBOs)



5SU1

- Combined personnel and line protection
- Type AC, type A
- $I_n = 6 \dots 40 \text{ A}$
- $I_{\Delta n} = 10 \dots 300 \text{ mA}$
- Circuit-breaker characteristics B and C
- Rated short-circuit capacity 4,5 kA, 6 kA and 10 kA
- 2 (1 + N) and 2-pole

RC units for miniature circuit-breakers



5SM2

- For mounting on miniature circuit-breakers
- Combined person and line protection
- Type AC, type A
- $I_n = 0.3 \dots 100 \text{ A}$
- $I_{\Delta n} = 10 \text{ mA} \dots 1 \text{ A}$
- 2, 3 and 4-pole
- Versions **[K]** and **[S]**

RCCB socket outlets (SRCDs)



5SM1 and 5SZ9

- Can be retrofitted in existing installations
- Increased protection level
- Type AC and type A
- $I_n = 16 \text{ A}$
- $I_{\Delta n} = 10 \text{ and } 30 \text{ mA}$

Accessories



- Locking devices
- Covers
- Wall enclosures

Definitions

1 MW = 18 mm modular width