Residual Current Circuit Breaker with Overcurrent protection (RCBO).
Product standard: IEC/EN 61009-1, IEC/EN 61009-2-1

Functionalities

▪ Protection against overcurrent (overload and short circuit)
▪ Protection against earth fault currents

Technical features

▪ Number of poles: 1P+N
▪ Modules: 2
▪ Rated operational voltage (Ue): 230 V AC
▪ Rated frequency: 50 Hz
▪ Tripping characteristics: C, B
▪ Rated breaking capacity acc. to IEC/EN 61009-1 (Icn): 6 kA
▪ Rated breaking capacity acc. to IEC/EN 60947-2 (Icu): 10 kA
▪ Dimensions (H x D x W) [mm]: 85 x 69 x 35
▪ Electrical life: 10000 operations
▪ Mechanical life: 20000 operations
▪ Protection degree:
  ▪ In enclosure with cover: IP40
  ▪ Terminals: IP20

Additional features

▪ Supply by means of cables or busbars, either from top and bottom terminals (cage terminals with integrated failsafe)
▪ Earth fault indicator (blue window on the toggle) for an easy troubleshooting of earth fault current tripping
▪ Test button to verify the correct working conditions of the device

ABB DSH201 RCBO or equivalent