**DSE201 M**

Electronic RCBO – Residual Current Circuit Breaker with Overcurrent protection - according to

IEC 61009-1; IEC 61009-2-2; BS EN 61009-1; AS/NZS 61009.1

Functionalities

* Protection against overcurrent (overload and short circuit)
* Protection against earth fault currents
* Protection against indirect contacts and additional protection against direct contacts (30mA version)

Technical features

* Number of poles: 1P+N in one modules width
* Rated operational voltage (Ue): 230-240 V AC
* Rated frequency: 50/60Hz
* Rated current (In): 6A, 10A, 16A, 20A, 25A, 32A, 40A, 50A
* Rated sensitivity (I∆n): 10mA, 30mA, 100mA, 300mA
* Type (wave form the earth leakage sensed): AC, A
* Tripping characteristics: B, C
* Rated breaking capacity acc. to IEC 61009 (Icn): 10kA
* **Rated breaking capacity acc. to IEC 610947-2 (Icu): 15kA (up to 40A); 10kA (50A)**
* Dimensions (H x D x W) [mm]: 115 x 68.9 x 17.6
* 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 (from bottom terminals)
* **Double slot terminal (distinctively 35mm2 and 10mm2 size) able to accept cables and busbars**
* **Earth fault indicator (blue window) to identify earth fault trips**
* Contact position indication (green/red window)
* Functional Earth cable (FE): to guarantee protection against earth fault leakage even in case of loss of supply of the neutral

**Accessories**

* **Auxiliary contact**
* **Signaling contact / auxiliary switch**
* **Shunt trip**
* **Undervoltage release**
* **Overvoltage release**
* **Auxiliary contact for MCBs bottom fitting**
* **Padlock device**

ABB DSE201 M eRCBO or equivalent