

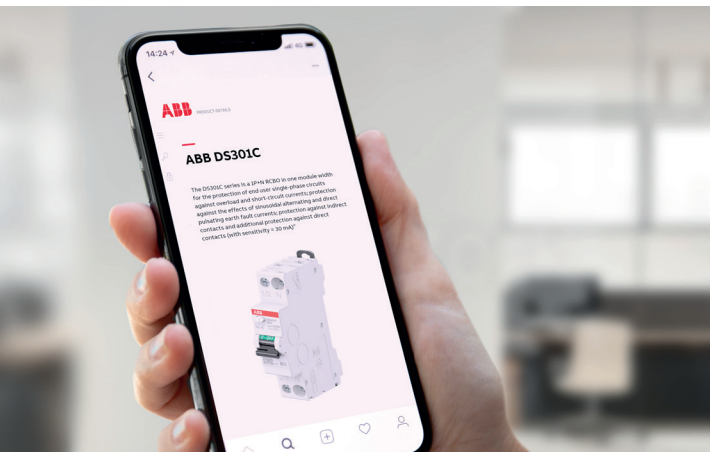
RCBO DS301C

The “slim” solution to protect people and equipment

The DS301C RCBO series is the perfect slim solution, not only for protection against overcurrent and earth fault currents but also where saving space matters. Often end users and builders are looking to reduce the space allocated for technical equipment with less enclosure size, but with the same number of circuit protection.

The DS301C series integrates the best of the Miniature Circuit Breaker (MCB) and RCD technologies in one module. At only 17.6 mm wide, the smaller enclosure can be used in new installations and fits better in retrofit applications.

The DS301C RCBO is the best solution for preventing leakage currents in a variety of applications, including residential houses and flats, commercial shops, and industrial railways.



Contacts

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RCBO DS301C

Residual Current Circuit Breaker with Over Current Protection (RCBOs)

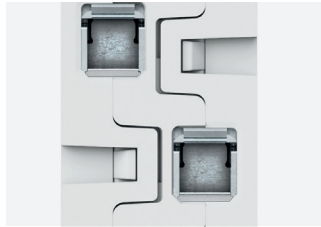


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DS301C RCBO

Benefits

The DS301C RCBO series is the perfect slim solution against overcurrent and earth fault currents, thanks to its main benefits.



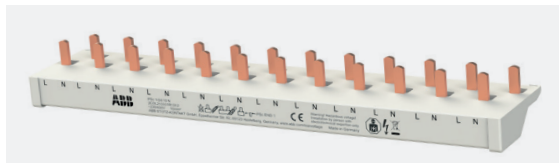
Easy installation, saving time and money

Easier and faster wiring operation is possible due to the FailSafe terminals allowing you to insert cables or pin busbar. The FailSafe terminal makes sure the cable can be fitted only inside the terminal to prevent miswiring.



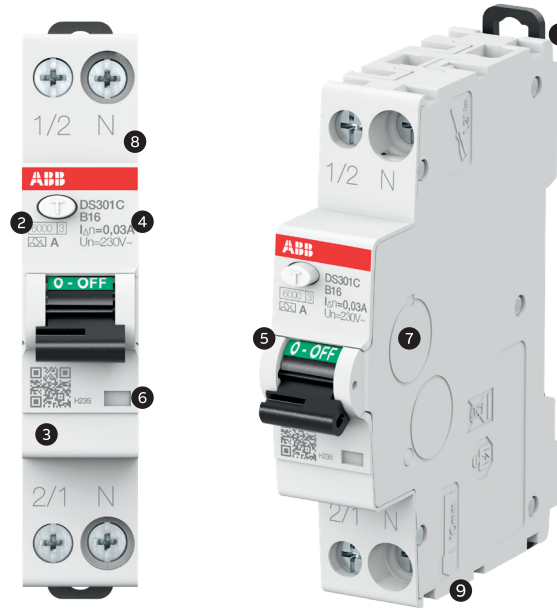
Improved efficiency for smart identification and maintenance

DS301C displays a unique QR code specific to each device that will instantly lead you to the product webpage with all information. Earth fault tripping can be identified thanks to the blue flag indicator (DTI windows on front phase) below the toggle.



Speed up your project

The dedicated range of PSc busbar can be used for fast and easy line side wiring of RCBOs DS301C. The offer is made of both 1 and 3 phases busbars. Both pre-cutted (12 modules) or cuttable (1 m) versions are available.



- 1 Reliable DIN-Rail clip**
 The top and bottom clips ensure a secure grip on the rail and a stable vertical position.
- 2 Test button**
 To verify the correct RCD functioning.
- 3 Dedicated space for label**
 Clearly identify the protected circuits.
- 4 Laser printed information**
 The device information is laser printed to ensure readability over time.
- 5 Contact position indicator (CPI)**
 The toggle has a clear color that indicates the level position ON/OFF.
- 6 Earth fault indicator (DTI)**
 A dedicated window that changes from grey to blue to indicate if the trip is caused by an earth fault.
- 7 Combination with accessories**
 Interface to combine DS301C with DIN-Rail accessories.
- 8 Clear terminal identification**
 To prevent misuses.
- 9 Busbar Compatibility**
 Busbar bottom connection is ensured through PSc types.

Slimmer size, biggest protection

DS301C fits one module width (17.6mm), saving space in the enclosure to reduce its size or welcome more circuits. It has also been credited with reducing powerloss values.

Reduced internal enclosure temperature

RCCB+MCB F200+S200	RCBO DS201	RCBO DS301C
65.85w	59.4w	38w
-42% ↓	-36% ↓	

Less weight to transport

RCCB+MCB F200+S200	RCBO DS201	RCBO DS301C
3.67kg	4.05kg	2.28kg
-38% ↓	-44% ↓	

Space saving 1Ph+N

RCCB+MCB F200+S200	RCBO DS201	RCBO DS301C
30modules	36modules	18modules
-40% ↓	-50% ↓	

*based on a 18 circuits to be protected