



Minimum space, maximum protection  
DS203NC: 3P+N RCBOs in 4 modules

Power and productivity  
for a better world™



The complete evolution  
DS203NC and ABB modular range:  
absolute integration



Totally integrated into the modular range System pro *M compact*<sup>®</sup>, DS203NC residual current circuit breakers with over current protection are particularly compact, flexible and easy to install: they offer superior performance and features, and the total integration with ABB's range of modular products. Thanks to a width of 4 modules only, the series DS203NC (“C” stands for “Compact”) allows to save space compared to a traditional solution.

# The essential protection

## New solutions and retrofit: the importance of versatility



# The compact reliability DS203NC: increase safety, reduce space

The new line of RCBO DS203NC is available with a breaking capacity of 6000 A (DS203NC) and 4500 A (DS203NC L).

The range includes AC, A, APR or S versions, with sensitivity levels of 30, 100 or 300 mA and intervention curves B, C or K.

The APR versions ensure high immunity to unwanted trippings due to transient overvoltage generated, for example, by lightning, operations on the distribution networks, etc.

For these versions, the surge current withstand rises to 3000 A (8/20 wave), compared to 250 A of the standard models.

The compatibility with ABB CMS (Circuit Monitoring System) solutions enables a consistent management of the network and a permanent monitoring of the circuit, anticipating the occurrence of faults.

Ideal for the protection of three-phase final circuits in commercial facilities, but also of equipment and industrial sockets, the products of the new RCBO 3P+N DS203NC family of ABB has all the necessary specifications to ensure reliable and durable performance, offering space savings of 30% compared to a standard configuration.

The RCBO DS203NC can be used in both 3P+N circuits as well as 3P circuits, with no need to add any external resistance: this gives the opportunity to enjoy a unique product code to cover different applications, simplifying logistics and management of parts in stock.

# The effective choice

## The benefits of a product with the highest quality standards

Positive safety terminals with captive screws with IP20 finger-safe protection degree.



Same profile as the System pro *M* compact® devices.

Toggle sealable in on-off position.

Space for identification labels of the protected line.

# The effective choice

## To get more, in less

### Use with cables and busbars

Terminals with two slots allow to use different types of conductors: one housing is designed for cables up to 25 mm<sup>2</sup>, the other for busbars or cables up to 10 mm<sup>2</sup>.



### RFid tag

Each DS203NC is equipped with a RFID tag containing a unique serial number assigned by ABB according to ISO/IEC FCD 15693-3 Standard in order to authenticate the product. Through this unique serial number, ABB can easily identify counterfeited products and verify the authenticity of each single device.





### Laser print information

All the necessary technical and installation information are laser printed on the front and side of the units ensuring visibility along the time, including order code on front of the device for future orders.



### Differential trip indicator

Any earth fault can be immediately identified through the blue flag indicator, that signals the differential tripping, thus helping in troubleshooting on the network.



### Mounting clip

The mounting clip eases the installation and removal from the DIN rail, even when used in a battery of devices with busbars on bottom terminals (no need to remove other devices).



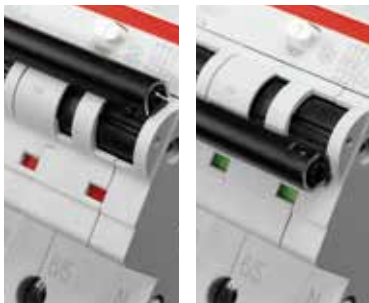
### Approval stamps

DS203NC residual current circuit breakers with overcurrent protection (RCBO) meet different installation habits in various countries and are approved by the most important certification bodies like IMQ, VDE, EAC, KEMA.



## CPI

Contact position indicator to exactly know the status of the contacts of the device independently of the toggle position (green: open contacts; red: closed contacts).



## Compact size

With an overall dimension of only 4 modules, DS203NC ease installation in small spaces and enrich retrofitting of existing switchboards.



# Contact us

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