Residual current devices
RCBO Type DSN201

Terminals for flexible cabling
The terminals accept not only wires but also busbars. Supply is possible both from top and bottom terminals.

Product coding
All the necessary technical and installation information can be found directly on the devices. Product range, tripping characteristics, rated currents, sensitivity, type, breaking capacity, rated voltage, order code, EAN code, electrical scheme, reference standards and many other specification are laser printed in the front and on the side of the units.

Anti-counterfeiting
Each DSN201 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.

**Space for insulated screwdrivers**
The larger neutral hole allows the use of an insulated screwdriver to tighten the screws of both phase and neutral terminals, ensuring maximum safety of the operation.

Test button
Test button allows regular checking of the functionality of the device.

Label carrier for a clear identification
Complex systems require easier identification of the sections corresponding to each single unit installed in the switchboard. With the practical label carrier fitted in the new RCBO you can guarantee maximum visibility protected loads.
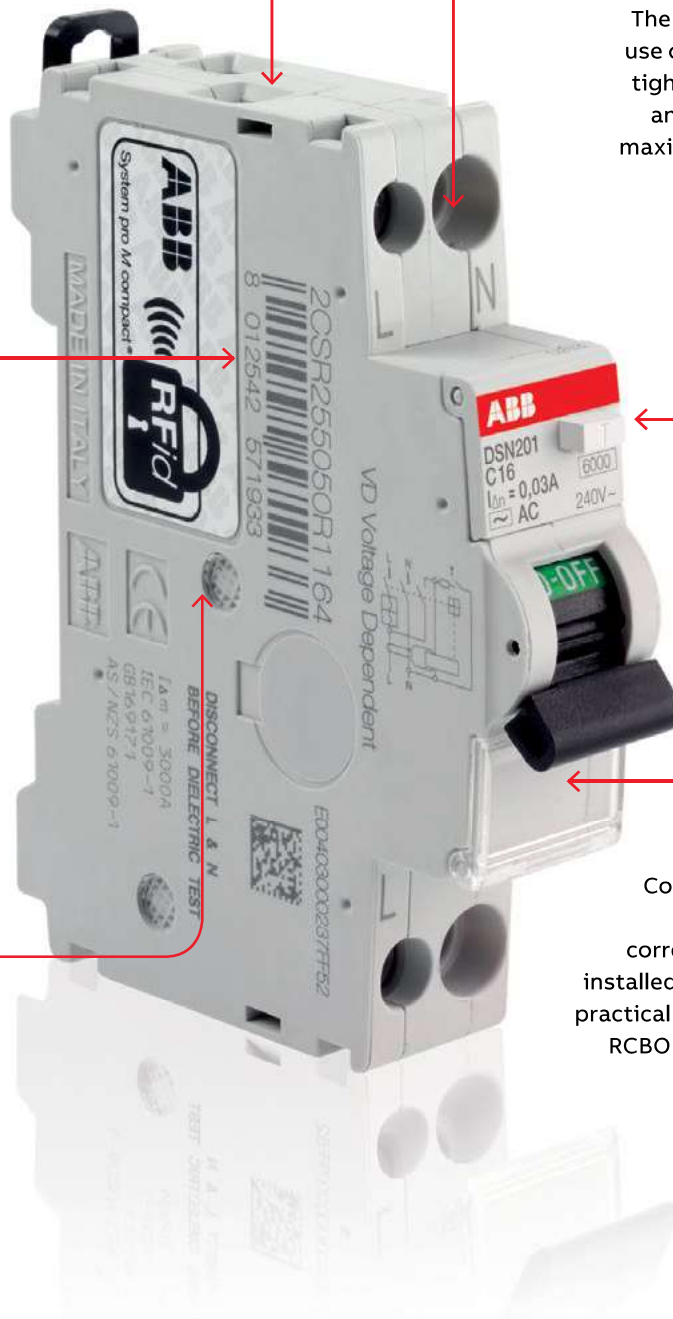
Residual current devices
Residual current device with overcurrent (RCBO)
Type DSN201

**Residual current device with overcurrent (RCBO) –
Single module, Type AC and Type A**
- Compact single module size
- Protection against short circuit, thermal overload and earth leakage
- Connect supply from top or bottom
- Ideally suited for domestic and light commercial applications in consumer units
- Accepts accessories if interface module type SN201-IH is used

Residual current device with overcurrent (RCBO) Type AC – single module

Standard	Sensitivity (mA)	Rating (A)	Description	Order code
AS/NZS 61009.1,	30	6	RCBO, 1P, 6A, C-curve, 30mA, Type AC	DSN201C6
IEC/EN 61009-1		10	RCBO, 1P, 10A, C-curve, 30mA, Type AC	DSN201C10
Rated short circuit capacity I$_{cn}$		16	RCBO, 1P, 16A, C-curve, 30mA, Type AC	DSN201C16
6kA		20	RCBO, 1P, 20A, C-curve, 30mA, Type AC	DSN201C20
Voltage range		25	RCBO, 1P, 25A, C-curve, 30mA, Type AC	DSN201C25
230/400 V	**Additional features**			
	Type AC, used where the earth fault waveform is sinusoidal			

Note: Type AC devices are not suitable in New Zealand.

Residual current device with overcurrent (RCBO) Type A – single module

Standard	Sensitivity (mA)	Rating (A)	Description	Order code
AS/NZS 61009.1,	10	6	RCBO, 1P, 6A, C-curve, 10mA, Type A	DSN201C6A10
IEC/EN 61009-1		10	RCBO, 1P, 10A, C-curve, 10mA, Type A	DSN201C10A10
Rated short circuit capacity I$_{cn}$		16	RCBO, 1P, 16A, C-curve, 10mA, Type A	DSN201C16A10
6kA		20	RCBO, 1P, 20A, C-curve, 10mA, Type A	DSN201C20A10
Voltage range	30	6	RCBO, 1P, 6A, C-curve, 30mA, Type A	DSN201C6A30
230–240 V		10	RCBO, 1P, 10A, C-curve, 30mA, Type A	DSN201C10A30
		16	RCBO, 1P, 16A, C-curve, 30mA, Type A	DSN201C16A30
		20	RCBO, 1P, 20A, C-curve, 30mA, Type A	DSN201C20A30
		25	RCBO, 1P, 25A, C-curve, 30mA, Type A	DSN201C25A30
Additional features				
Type A, used where the earth fault waveform is sinusoidal or pulsating DC (computer loads etc)				

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