



Home range

Our new family of products for domestic and light commercial applications

Power and productivity
for a better world™

ABB

Home range

Advanced range, complete protection



Many applications, one range

With the new Home Range you have at your disposal a complete range of circuit-breakers for building applications: the advanced technology of an industrial leader, ABB is now applied to the residential sector too.

High protection and versatility

SH200 MCB's and FH200 RCD's guarantee the two essential protections in the residential sector: protection for circuits and appliances against over currents and short-circuits, as well as protection for people and installations against earth fault currents.

The new DSN201 RCBO is designed to fulfil the requirements of domestic circuit protection by providing the latest technology residual current protection combined with over-current circuit protection (thermal and magnetic short circuit protection).

Quick and safe installation

All the necessary technical and installation information can be found directly on the devices. You just need to unpack and install them!

Caring for the environment

ABB has always paid attention to producing devices with the lowest environmental impact, guaranteeing the reusability of the materials employed during fabrication.

A range for all building installation requirements. Versatile, easy to install and suitable for integration with ABB products.

Components and benefits

Recognisable quality, visible effectiveness

Terminals for flexible cabling

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

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.

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.

Test button

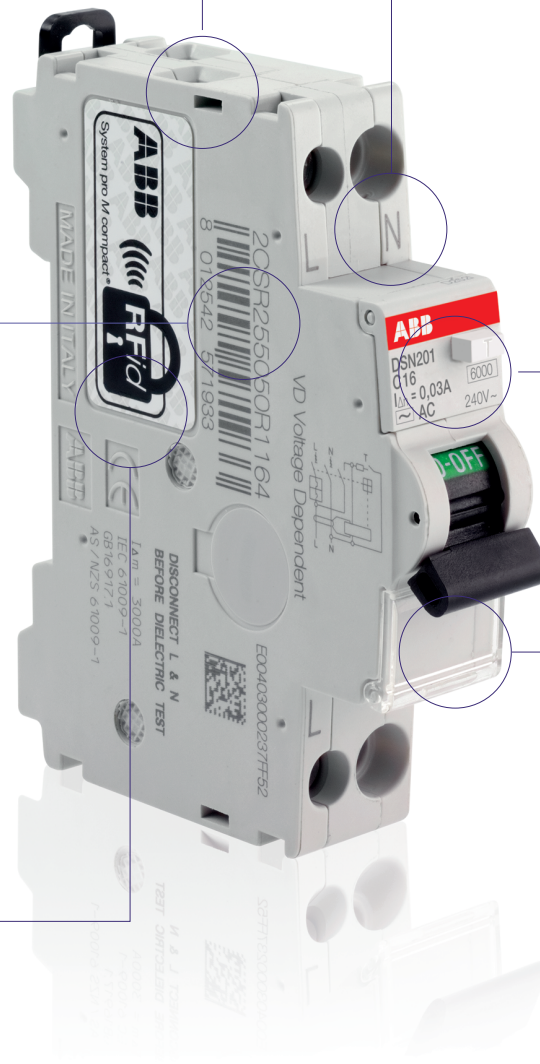
Test button allows regular checking of the functionality of the device.

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 to information relating the protected loads.

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.



Domestic and light commercial MCB's and isolators

Residential MCB's - 6kA - C curve
MCB's protect installations against overload and short circuits



MCB - 6kA - C curve / complies with AS/NZS 60898			
Rated Current	1 Pole	3 Pole	
6A	SH201C6	SH203C6	
8A	SH201C8	SH203C8	
10A	SH201C10	SH203C10	
13A	SH201C13	SH203C13	
16A	SH201C16	SH203C16	
20A	SH201C20	SH203C20	
25A	SH201C25	SH203C25	
32A	SH201C32	SH203C32	
40A	SH201C40	SH203C40	



Isolating switches
Suitable for under load operations

Isolating Switches / complies with IEC 60947-3		
Rated Current	1 Pole	3 Pole
63A	E20163RD	E20363RD
80A	E20180RD	E20380RD
100A	E201100RD	E203100RD

Domestic and light commercial RCBO's and RCD's



RCBO's - 6kA - C curve - 30mA
RCBO's combine in a single device the residual current function and the overcurrent protection function typical of MCB's

Compact Single Pole RCBO (1P+N, 6kA, 30mA) / complies with AS/NZS 61009	
Rated Current	1 Pole
6A	DSN201C6
10A	DSN201C10
16A	DSN201C16
20A	DSN201C20



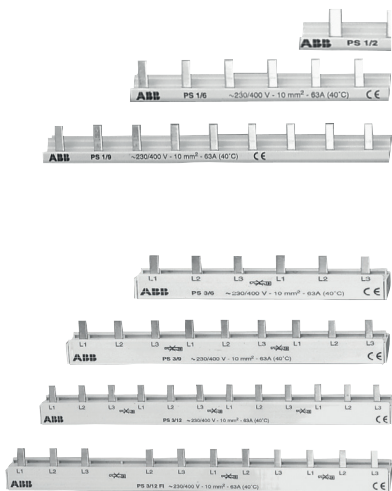
2 Module RCBO (6kA, 30mA) / complies with AS/NZS 61009	
Rated Current	1 P + N
6A	DS201BSC6
10A	DS201BSC10
16A	DS201BSC16
20A	DS201BSC20
25A	DS201BSC25
32A	DS201BSC32
40A	DS201BSC40



RCD's - 6kA - 30mA
RCD's assure a protection to people and installations against fault current to earth

RCD (6kA, 30mA) / complies with AS/NZS 61008		
Rated Current	2 Pole	Pole
25A	FH20225	FH20425
40A	FH20240	FH20440
63A	FH20263	FH20463

Domestic and light commercial Accessories



Busbars

For use with SH200, DS200 and FH200

Busbars not to be cut to length (closed design) no end caps required				
Phases	No of pins	Capacity mm²	Amps	Order Code
1	12	10	63	PS 1/12
3	12	10	63	PS 3/12

1 phase busbars suitable to cut to length - use end caps PS-END 0

Phases	No of pins	Capacity mm²	Amps	Order Code
1	12	10	63	PS 1/12N
End cap to suit PS 1/12N busbar				PS-END 0

3 phase busbars suitable to cut to length - use end caps PS-END

Phases	No of pins	Capacity mm²	Amps	Order Code
3	60	16	80	PS 3/60/16
End cap to suit PS 3/60/16 busbar				PS-END



Busbars

For use with DSN201

Busbars not to be cut to length (closed design) no end caps required				
Phases	No of pins	Capacity mm²	Amps	Order Code
1	12	10	63	BS9 1/12
1	12	10	63	BS9 1/12NA

3 Terminal connector for RCD FH200

3 tunnel link for fitting to RCD's	Order Code
3 x 10mm² tunnels (1 screw)	F200LINK

Locking device

Lock out device for MCB's, RCD's and RCBO'S	Order Code
Locking device - suits SH200, FH200	S2C-PD-S200
Locking device - suits DS201	S2C-PD-DS201
Locking device - suits DSN201	S2C-PD-DSN201

Domestic and light commercial

Consumer units and load centres



Plastic consumer units

Pole Capacity	Description	Order Code
12 way (1 x 12P)	flush mount, white door	LC12FMW
	flush mount, transparent door	LC12FMT
	surface mount, white door	LC12SW
	surface mount, transparent door	LC121ST
18 way (1 x 18P)	flush mount, white door	LC18FMW
	flush mount, transparent door	LC18FMT
	surface mount, white door	LC18SW
	surface mount, transparent door	LC18ST
24 way (2 x 12P)	flush mount, white door	LC24FMW
	flush mount, transparent door	LC24FMT
	surface mount, white door	LC24SW
	surface mount, transparent door	LC24ST

Metal load centres

Pole Capacity	Dimensions h x w x d (mm)	Order Code
12 way (1 x 12P)	250 x 340 x 70	ABBM12SM
18 way (1 x 18P)	250 x 490 x 70	ABBM18SM
24 way (2 x 12P)	420 x 340 x 70	ABBM24SM

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