

# Easy9

## Earth leakage protection

**Offers**  
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## RCBO residual current devices

Schneider Electric's range of RCBO residual current devices consists of different products (1, 2, 3) to enable it to be the most competitive range possible in each country, allowing for the special characteristics of each market:

- usual installation procedure
- price
- accreditations by local bodies.

### Variants

Offers			Pages
Offer 1	International 36 mm	4500 A VD	2
Offer 2	International SLIM	6000 A VD	3
Offer 3	International SLIM	4500 A VD	4

## RCBO residual current devices

4500 A



PB111310-35.eps

### IEC 61009-1

As per the above standard:

#### Functions

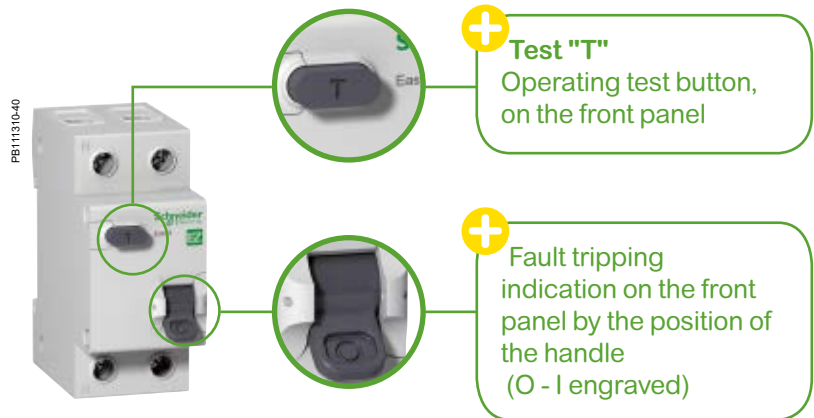
- Protection against short-circuits;
- Protection of cable against overloads;
- Protection of persons against electric shocks;
- Protection against fire hazards due to persistent earth fault current;
- Can be fitted instead of a MCB for complete protection of one circuit.

#### 1P+N

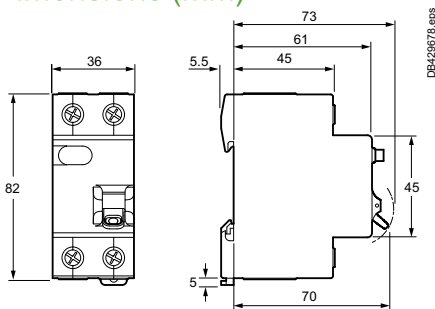
#### Easy9 RCBO type AC 30 mA

Rating (In)	C curve
10 A	EZ9D34610
16 A	EZ9D34616
20 A	EZ9D34620
25 A	EZ9D34625
32 A	EZ9D34632
40 A	EZ9D34640
Voltage rating (Ue)	230 V AC, 50/60 Hz
Width in 9-mm modules	4

Offer selection see page 1  
**Offer 1**  
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#### Dimensions (mm)



DB429678.eps

### Certified compliant IEC 61009-1

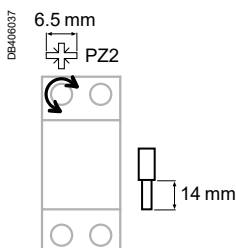
#### Additional feature

Rated impulse withstand voltage (Uimp)	4 kV	
Rated breaking capacity (Icn)	4500 A	
Rated residual breaking and making capacity (IΔm)	500 A	
Endurance (O-C)	Electrical	4000 cycles
	Mechanical	10000 cycles
Degree of protection	Device only	IP20
	Device in modular enclosure	IP40
	Insulation class II	
Operating temperature	-25°C to +60°C	
Storage temperature	-40°C to +70°C	
Hazardous substances	RoHS 2011 compliant	
Tropicalisation (IEC 60068-2-30)	Treatment 2 (relative humidity 95 % to 55°C)	
Electrical feeding	By the top	

#### Weight (g)

Type	Easy9 RCBO
1P+N	185

#### Connection



#### Rigid copper cables

L and N 1 to 25 mm<sup>2</sup> Tightening torque: 2 N.m

#### Flexible copper cables

L and N 1 to 16 mm<sup>2</sup> Tightening torque: 2 N.m

Note: Not suitable for external aluminium conductors

## RCBO residual current devices

6000 A



### IEC 61009-1

As per the above standard:

#### Functions

- Protection against short-circuits;
- Protection of cable against overloads;
- Protection of persons against electric shocks;
- Protection against fire hazards due to persistent earth fault current;
- Can be fitted instead of a MCB for complete protection of one circuit.

#### 1P+N

#### Easy9 RCBO type A 10 mA

Rating (In)	C curve
25 A	<b>EZ9D16625</b>
32 A	<b>EZ9D16632</b>
Voltage rating (Ue)	230 V AC, 50/60 Hz
Width in 9-mm modules	2

PB115538-48



PB115538-76



**+** Fault tripping indication on the front panel by the position of the handle (O.OFF / I.ON)

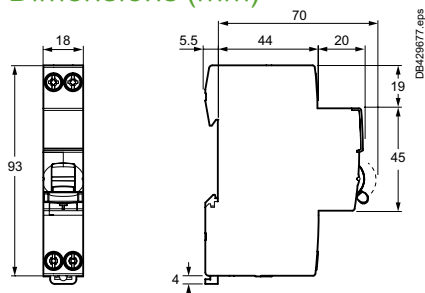
PB115538-77



**+** Test "T" Operating test button, on the front panel

Offer selection see page 1  
**Offer 2**  
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#### Dimensions (mm)



### Certified compliant IEC/EN 61009-1

#### Additional feature

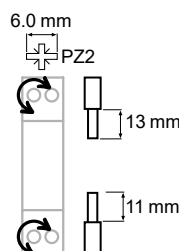
Rated impulse withstand voltage (Uimp)	4 kV
Rated breaking capacity (Icn)	6000 A
Rated residual breaking and making capacity (IΔm)	500 A
Endurance (O-C)	Electrical 4000 cycles Mechanical 10000 cycles
Degree of protection	Device only IP20 Device in modular enclosure IP40 Insulation class II
Operating temperature	-25°C to +55°C
Storage temperature	-40°C to +85°C
Hazardous substances	RoHS 2011 compliant
Tropicalisation (IEC 60068-2-30)	Treatment 2 (relative humidity 95 % to 55°C)
Electrical feeding	By the top and the bottom

#### Weight (g)

Type	Easy9 RCBO
1P+N	136

#### Connection

DB407921



#### Rigid copper cables

L and N upstream	1 to 16 mm <sup>2</sup>	Tightening torque: 2 N.m
L and N downstream	1 to 10 mm <sup>2</sup>	

#### Flexible copper cables

L and N upstream	1 to 16 mm <sup>2</sup>	Tightening torque: 2 N.m
L and N downstream	1 to 10 mm <sup>2</sup>	

Note: Not suitable for external aluminium conductors

## RCBO residual current devices

4500 A



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### IEC 61009-1

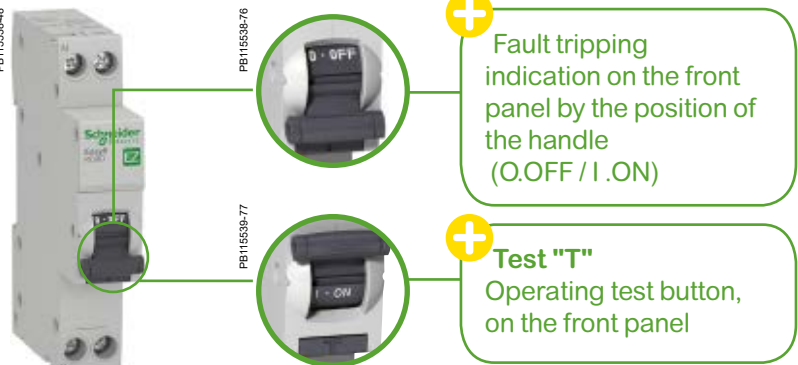
As per the above standard:

#### Functions

- Protection against short-circuits;
- Protection of cable against overloads;
- Protection of persons against electric shocks;
- Protection against fire hazards due to persistent earth fault current;
- Can be fitted instead of a MCB for complete protection of one circuit.

#### 1P+N

Easy9 RCBO type AC $\sim$ 10 mA	
Rating (In)	C curve
16 A	EZ9D63616
Easy9 RCBO type AC $\sim$ 30 mA	
Rating (In)	C curve
6 A	EZ9D33606
10 A	EZ9D33610
16 A	EZ9D33616
20 A	EZ9D33620
25 A	EZ9D33625
32 A	EZ9D33632
Easy9 RCBO type A $\sim$ 30 mA	
Rating (In)	C curve
16 A	EZ9D53616
25 A	EZ9D53625
Voltage rating (Ue)	230 V AC, 50/60 Hz
Width in 9-mm modules	2



### Certified compliant IEC 61009-1

#### Additional feature

Rated impulse withstand voltage (Uimp)	4 kV	
Rated breaking capacity (Icn)	4500 A	
Rated residual breaking and making capacity (IΔm)	500 A	
Endurance (O-C)	Electrical	4000 cycles
	Mechanical	10000 cycles
Degree of protection	Device only	IP20
	Device in modular enclosure	IP40
		Insulation class II
Operating temperature	-25°C to +55°C	
Storage temperature	-40°C to +85°C	
Hazardous substances	RoHS 2011 compliant	
Tropicalisation (IEC 60068-2-30)	Treatment 2 (relative humidity 95 % to 55°C)	
Electrical feeding	By the top and the bottom	

#### Connection

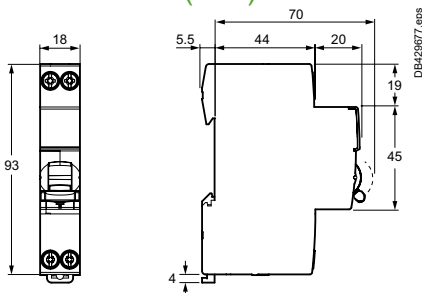
6.0 mm PZ2	<b>Rigid copper cables</b>	
	L and N upstream	1 to 16 mm <sup>2</sup> Tightening torque: 2 N.m
	L and N downstream	1 to 10 mm <sup>2</sup>
	<b>Flexible copper cables</b>	
	L and N upstream	1 to 16 mm <sup>2</sup> Tightening torque: 2 N.m
	L and N downstream	1 to 10 mm <sup>2</sup>
Note: Not suitable for external aluminium conductors		

Offer selection see page 1

# Offer 3

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### Dimensions (mm)



### Weight (g)

Type	Easy9 RCBO
1P+N	136



1.8	10/01/2019	new offer 3, update all offers	Sonovision
1.7	4/04/2018	Update Offer 2 product picture	Sonovision
1.6	16/11/2016	Added 32 A offer 2 Malaysia country page 3	Sonovision
1.5	19/10/2016	Changed offer 1 to Russia, Vietnam page 1	Sonovision
1.4	1/09/2015	Added offer 2 Malaysia country	Sonovision
1.3	13/10/2014	Deleted 40 A product page 2	Sedoc
1.2	6/10/2013	Changed strip length to 14 mm	Sedoc
1.1	11/03/2013	Changed RoHs to RoHS page 2	Sedoc
1.0	30/01/2013	Creation	Sedoc
<b>Indice</b>	<b>Date</b>	<b>Modification</b>	<b>Name</b>