

Easy9

Earth leakage protection



RCCB residual current circuit breakers

Schneider Electric's range of residual current circuit breakers consists of different products

(1, 2, 4, 5, 6, 8) 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 1a	International	3000 A VI	2
Offer 2a	International	4500 A VI	3
Offer 2b	International	4500 A VD	4
Offer 4a	International	6000 A VI	5
Offer 5a	South Africa	3000 A VI	6
Offer 5b	South Africa	3000 A VD	7
Offer 6a	Brazil	3000 A VI	8
Offer 8a	Brazil	6000 A VI	9
Common page			10



2P

Residual current circuit breakers AC		
Rating (In)	30 mA	300 mA
25 A	EZ9R05225	EZ9R63225
40 A	EZ9R05240	EZ9R63240
63 A	EZ9R05263	EZ9R63263
Voltage rating (Ue)	230 V, 50 Hz	
Width in 9-mm modules	4	



4P

Residual current circuit breakers AC		
Rating (In)	30 mA	300 mA
25 A	EZ9R05425	EZ9R63425
40 A	EZ9R05440	EZ9R63440
63 A	EZ9R05463	EZ9R63463
Voltage rating (Ue)	400 V, 50 Hz	
Width in 9-mm modules	8	

Offer selection see page 1

Offer 1a

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Weight (g)

Type	Easy9 RCCB
2P	200
4P	375

Certified compliant IEC/EN 61008-1

Additional feature

Endurance (O-C)	Electrical	2000 cycles
	Mechanical	5000 cycles
Conditional rated short circuit current (Inc/IΔc)	With fuse	3000 A
	With Easy9 MCB	3000 A
Operating temperature	-5°C to +60°C	
Storage temperature	-40°C to +85°C	
Electrical feeding	By the top and the bottom	


Easy9

RCCB residual current circuit breakers

CE EAC



4P

Residual current circuit breakers AC 			
Rating (In)	30 mA	100 mA	300 mA
25 A	EZ9R34425	-	-
40 A	EZ9R34440	EZ9R54440	EZ9R64440
63 A	EZ9R34463	EZ9R54463	EZ9R64463
Voltage rating (Ue)	400 V, 50 Hz		
Width in 9-mm modules	8		

Offer selection see page 1

Offer 2a

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Weight (g)

Type	Easy9 RCCB
4P	375

Certified compliant IEC/EN 61008-1

Additional feature

Endurance (O-C)	Electrical	2000 cycles
	Mechanical	5000 cycles
Conditional rated short circuit current (I _{nc} /I _{Δc})	With fuse	4500 A
	With Easy9 MCB	4500 A
Operating temperature	-25°C to +60°C	
Storage temperature	-40°C to +85°C	
Electrical feeding	By the top and bottom	



PE111.307.345.eps

2P

Residual current circuit breakers AC

Rating (In)	10 mA	30 mA	100 mA	300 mA
25 A	EZ9R14225	EZ9R34225	-	-
40 A	-	EZ9R34240	EZ9R54240	EZ9R64240
63 A	-	EZ9R34263	EZ9R54263	EZ9R64263
Voltage rating (Ue)	230 V, 50 Hz			
Width in 9-mm modules	4			

Residual current circuit breakers A with OV protection ⁽¹⁾

Rating (In)	100 mA	300 mA
40 A	EZ9R74240 ⁽²⁾	EZ9R84240 ⁽²⁾
63 A	EZ9R74263 ⁽²⁾	EZ9R84263 ⁽²⁾
Voltage rating (Ue)	230 V, 50 Hz	
Width in 9-mm modules	4	

(1) OV protection: protection of loads against supply voltage increase (RCCB-OV device)

(2) Overvoltage

Offer selection see page 1

Offer 2b

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Weight (g)

Type	Easy9 RCCB
2P	125

Certified compliant IEC 61008-1

Additional feature

Endurance (O-C)	Electrical	2000 cycles
	Mechanical	5000 cycles
Conditional rated short circuit current (Inc/IΔc)	With fuse	4500 A
	With Easy9 MCB	4500 A
Operating temperature	-25°C to +60°C	
Storage temperature	-40°C to +85°C	
Electrical feeding	By the top	



PE111307-36.eps

2P

Residual current circuit breakers AC			
Rating (In)	30 mA	100 mA	300 mA
25 A	EZ9R36225	EZ9R56225	EZ9R66225
40 A	EZ9R36240	EZ9R56240	EZ9R66240
63 A	EZ9R36263	EZ9R56263	EZ9R66263
Voltage rating (Ue)	230 V, 50 Hz		
Width in 9-mm modules	4		

Residual current circuit breakers A	
Rating (In)	30 mA
63 A	EZ9R46263
Voltage rating (Ue)	230 V, 50 Hz
Width in 9-mm modules	4



PE111308-35.eps

4P

Residual current circuit breakers AC			
Rating (In)	30 mA	100 mA	300 mA
25 A	EZ9R36425	EZ9R56425	EZ9R66425
40 A	EZ9R36440	EZ9R56440	EZ9R66440
63 A	EZ9R36463	EZ9R56463	EZ9R66463
Voltage rating (Ue)	400 V, 50 Hz		
Width in 9-mm modules	8		

Offer selection see page 1

Offer 4a

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Weight (g)

Type	Easy9 RCCB
2P	200
4P	375

Certified compliant IEC/EN 61008-1

Additional feature

Endurance (O-C)	Electrical	2000 cycles
	Mechanical	5000 cycles
Conditional rated short circuit current (Inc/IΔc)	With fuse	6000 A
	With Easy9 MCB	6000 A
Operating temperature	-5°C to +60°C	
Storage temperature	-40°C to +85°C	
Electrical feeding	By the top and the bottom	



PE111300-35.eps

4P

Residual current circuit breakers AC	
Rating (In)	30 mA
63 A	EZ9R03463
Voltage rating (Ue)	400 V, 50 Hz
Width in 9-mm modules	8



Weight (g)

Type	Easy9 RCCB
4P	375

Certified compliant SANS 767 - IEC 61008-1

Additional feature

Endurance (O-C)	Electrical	2000 cycles
	Mechanical	5000 cycles
Conditional rated short circuit current (I _{nc} /I _{Δc})	With fuse	3000 A
	With Easy9 MCB	3000 A
Operating temperature		-5°C to +60°C
Storage temperature		-40°C to +85°C
Electrical feeding		By the top and bottom



2P

Residual current circuit breakers AC

Rating (In)	30 mA
63 A	EZ9R03263
Voltage rating (Ue)	230 V, 50 Hz
Width in 9-mm modules	4



Weight (g)

Type	Easy9 RCCB
2P	125

Certified compliant SANS 767 - IEC 61008-1

Additional feature

Endurance (O-C)	Electrical	2000 cycles
	Mechanical	5000 cycles
Conditional rated short circuit current (I _{nc} /I _{Δc})	With fuse	3000 A
	With Easy9 MCB	3000 A
Operating temperature		-5°C to +60°C
Storage temperature		-40°C to +85°C
Electrical feeding		By the top



2P

Residual current circuit breakers AC

Rating (In)	30 mA
25 A	EZ9R33225
40 A	EZ9R33240
63 A	EZ9R33263
80 A	EZ9R33280
Voltage rating (Ue)	127 - 230 V, 50 Hz
Width in 9-mm modules	4



3P

Residual current circuit breakers AC

Rating (In)	30 mA
25 A	EZ9R33325
40 A	EZ9R33340
63 A	EZ9R33363
80 A	EZ9R33380
Voltage rating (Ue)	127 - 230 V, 50 Hz
Width in 9-mm modules	8



4P

Residual current circuit breakers AC

Rating (In)	30 mA
25 A	EZ9R33425
40 A	EZ9R33440
63 A	EZ9R33463
80 A	EZ9R33480
Voltage rating (Ue)	220 - 400 V, 50 Hz
Width in 9-mm modules	8

Offer selection see page 1

Offer 6a

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Weight (g)

Type	Easy9 RCCB
2P	200
3P	300
4P	375

Certified compliant IEC 61008-1

Additional feature

Endurance (O-C)	Electrical	2000 cycles
	Mechanical	5000 cycles
Conditional rated short circuit current (Inc/IΔc)	With fuse	3000 A
	With Easy9 MCB	3000 A
Operating temperature		-5°C to +60°C
Storage temperature		-40°C to +85°C
Electrical feeding		By the top and the bottom



2P

Residual current circuit breakers AC	
Rating (In)	30 mA
25 A	EZ9R06225
40 A	EZ9R06240
63 A	EZ9R06263
Voltage rating (Ue)	127 - 230 V, 50 Hz
Width in 9-mm modules	4



4P

Residual current circuit breakers AC	
Rating (In)	30 mA
25 A	EZ9R06425
40 A	EZ9R06440
63 A	EZ9R06463
Voltage rating (Ue)	220 - 400 V, 50 Hz
Width in 9-mm modules	8



Weight (g)

Type	Easy9 RCCB
2P	200
4P	375

Certified compliant IEC 61008-1

Additional feature

Endurance (O-C)	Electrical	2000 cycles
	Mechanical	5000 cycles
Conditional rated short circuit current (Inc/IΔc)	With fuse	6000 A
	With Easy9 MCB	6000 A
Operating temperature		-5°C to +60°C
Storage temperature		-40°C to +85°C
Electrical feeding		By the top and the bottom

IEC/EN 61008-1

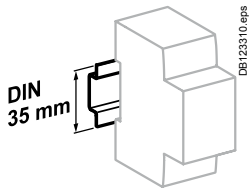
As per the above standard:

Functions

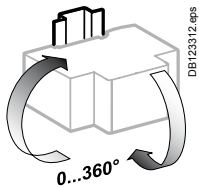
- Tripping in case of leakage current only.
- One RCCB protects several circuits when fitted upstream a group of circuit breakers.



Positive contact indication.
Fault tripping indication on the front panel by the position of the handle (O - I engraved)

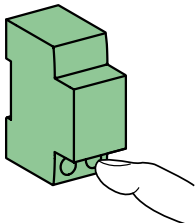


Clip on DIN rail 35 mm.

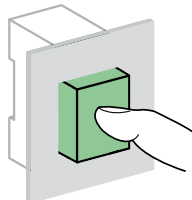


Indifferent position of installation.

IP20



IP40



Characteristics

Main characteristics

Rated impulse withstand voltage (Uimp) 4 kV

According to IEC 61008-1

Making and breaking capacity (Im/IΔm)	25 A, 40 A	500 A
	63 A, 80 A	10 In

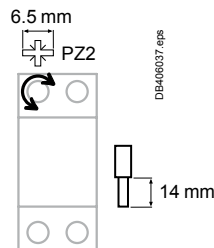
Additional characteristics

Degree of protection (IEC 60529)	Device only	IP20
	Device in modular enclosure	IP40

Hazardous substances RoHS 2003 compliant

Tropicalisation (IEC 60068-2-30) Treatment 2 (relative humidity 95 % to 55°C)

Connection



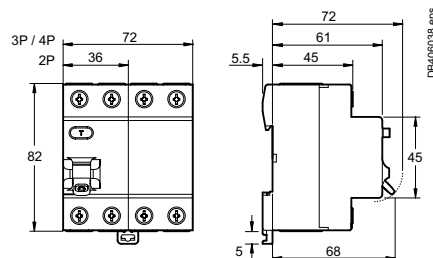
Rigid copper cables

1 to 35 mm² Tightening torque: 3.5 N.m

Flexible copper cables

1 to 25 mm² Tightening torque: 3.5 N.m

Dimensions (mm)





Indice	Date	Modification	Name
1.6	03/09/2018	Change all offers	Sonovision
1.5	1/08/2017	Changed Im/IΔn values page 7	Sonovision
1.4	9/02/2017	Added Offer 6 Irland	Sonovision
1.3	5/03/2014	Added Offer 5 South Africa	Sedoc
1.2	13/05/2013	Changed dimensions	Sedoc
1.1	11/03/2013	Changed RoHs to RoHS page 5	Sedoc
1.0	25/01/2013	Creation	Sedoc