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## Easy9

The affordable way to stay safe from  
electrocution and electrical overloads.



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# Easy9

## RCBO residual current devices

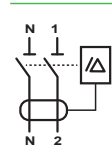
6000 A



### Functions

- Protection from short-circuits.
- Protection of cable from overloads.
- Protection of persons from electric shocks by direct contact (10 mA sensitivity)
- Can be fitted instead of a miniature circuit breaker for complete protection of one circuit.

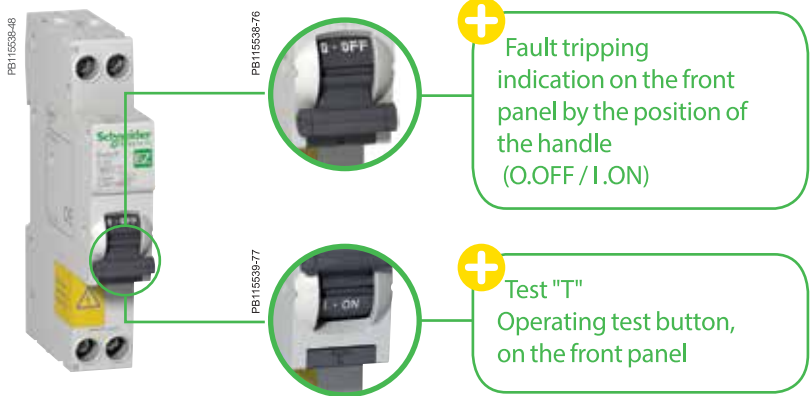
1P+N



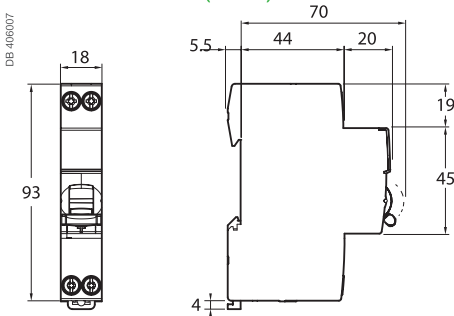
### Easy9 RCBO type A 10 mA

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

Certified compliant IEC 61009-1



### Dimensions (mm)



### Characteristics

#### Main characteristics

Endurance (O-C)	Electrical	10,000 cycles
	Mechanical	20,000 cycles

#### Additional characteristics

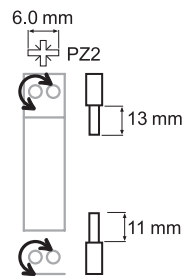
Degree of protection	Device only	IP20
	Device in modular enclosure	IP40
		Insulation class II

Overvoltage category (IEC 60364)	III	
Operating temperature	-25°C to +55°C	
Storage temperature	-25°C to +70°C	
Hazardous substances	RoHS 2003 compliant	
Tropicalisation (IEC 60068-1)	Treatment 2 (relative humidity 95 % to 55°C)	
Anti Nuisance Tripping	Compliant with IEC 61009-1	

### Weight (g)

Type	Easy9 RCBO
1P+N	136

### Connection



#### 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: for any case, isolate power before installation. Wire neutral prior to installing active.

# Easy9

## RCCB residual current circuit breakers

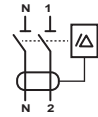
CE

### Functions

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



### 2P

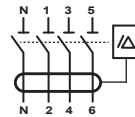


#### Residual current circuit breakers AC

Rating (In)	10 mA	30 mA	100 mA	300 mA
25 A	EZ9R14225	EZ9R36225	EZ9R56225	EZ9R66225
40 A		EZ9R36240	EZ9R56240	EZ9R66240
63 A		EZ9R36263	EZ9R56263	EZ9R66263
Voltage rating (Ue)	230 V, 50/60 Hz			
Width in 9-mm modules	4			



### 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)	415 V, 50/60 Hz		
Width in 9-mm modules	8		

### 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	
Anti Nuisance Tripping	Compliant with IEC 61008-1	

#### Weight (g)

Type	Easy9 RCCB
2P	195
4P	375

# Easy9

## RCCB residual current circuit breakers



Positive contact indication.

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

### Characteristics

#### Main characteristics

Rated impulse withstand voltage (Uimp)	4 kV
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#### According to IEC 61008-1

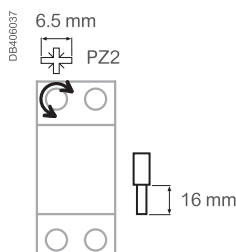
Making and breaking capacity (Im/IΔm)	500 A
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#### Additional characteristics

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

Hazardous substances	RoHS 2003 compliant
Tropicalisation (IEC 60068-1)	Treatment 2 (relative humidity 95 % to 55°C)

### Connection



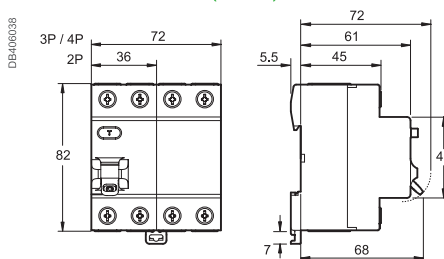
#### Rigid copper cables

1 to 35 mm <sup>2</sup>	Tightening torque: 3.5 N.m
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#### Flexible copper cables

1 to 25 mm <sup>2</sup>	Tightening torque: 3.5 N.m
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### Dimensions (mm)



# Easy9

## Miniature circuit breaker

### 4500 A



Circuit breakers	1P	2P	3P
<b>Rating (In)</b>	<b>Curve C</b>	<b>Curve C</b>	<b>Curve C</b>
6 A	EZ9F34106	EZ9F34206	EZ9F34306
10 A	EZ9F34110	EZ9F34210	EZ9F34310
16 A	EZ9F34116	EZ9F34216	EZ9F34316
20 A	EZ9F34120	EZ9F34220	EZ9F34320
25 A	EZ9F34125	EZ9F34225	EZ9F34325
32 A	EZ9F34132	EZ9F34232	EZ9F34332
40 A	EZ9F34140	EZ9F34240	EZ9F34340
50 A	EZ9F34150	EZ9F34250	EZ9F34350
63 A	EZ9F34163	EZ9F34263	EZ9F34363
Width in 9-mm modules	2	4	6

### Certified compliant IEC 60898-1

#### Additional feature

According to IEC 60898-1

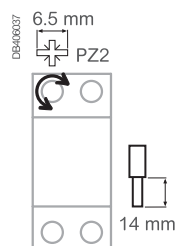
#### Breaking capacity (Icn)

Ph/N	230 V AC	4500 A
Ph/Ph	400 V AC	4500 A

#### Additional characteristics

Endurance (O-C)	Electrical	4,000 cycles
	Mechanical	10,000 cycles
Operating temperature	-25°C to +60°C	
Storage temperature	-40°C to +85°C	

### Connection



#### Rigid copper cables

2 to 32 A	1 to 25 mm <sup>2</sup>	Tightening torque: 2 N.m
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40 to 63 A	1 to 35 mm <sup>2</sup>	Tightening torque: 3.5 N.m
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#### Flexible copper cables

2 to 32 A	1 to 16 mm <sup>2</sup>	Tightening torque: 2 N.m
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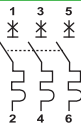
40 to 63 A	1 to 25 mm <sup>2</sup>	Tightening torque: 3.5 N.m
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# Easy9

## Miniature circuit breaker

6000 A 



Circuit breakers	1P	2P	3P
			
<b>Rating (In)</b>	<b>Curve C</b>	<b>Curve C</b>	<b>Curve C</b>
6 A	EZ9F56106	EZ9F56206	EZ9F56306
10 A	EZ9F56110	EZ9F56210	EZ9F56310
16 A	EZ9F56116	EZ9F56216	EZ9F56316
20 A	EZ9F56120	EZ9F56220	EZ9F56320
25 A	EZ9F56125	EZ9F56225	EZ9F56325
32 A	EZ9F56132	EZ9F56232	EZ9F56332
40 A	EZ9F56140	EZ9F56240	EZ9F56340
50 A	EZ9F56150	EZ9F56250	EZ9F56350
63 A	EZ9F56163	EZ9F56263	EZ9F56363
Width in 9-mm modules	2	4	6

### Certified compliant IEC 60898-1

#### Additional feature

According to IEC 60898-1

#### Breaking capacity (Icn)

Ph/N	230 V AC	6000 A
Ph/Ph	400 V AC	6000 A

#### Additional characteristics

Endurance (O-C)	Electrical	4,000 cycles
	Mechanical	10,000 cycles
Operating temperature	-5°C to +60°C	
Storage temperature	-40°C to +85°C	

### Connection



#### Rigid copper cables

6 to 25 A	1 to 25 mm <sup>2</sup>	Tightening torque: 2 N.m
32 to 63 A	1 to 35 mm <sup>2</sup>	Tightening torque: 3.5 N.m

#### Flexible copper cables

6 to 25 A	1 to 16 mm <sup>2</sup>	Tightening torque: 2 N.m
32 to 63 A	1 to 25 mm <sup>2</sup>	Tightening torque: 3.5 N.m



# Easy9

## Miniature circuit breaker

10000 A **CE**



Circuit breakers	1P	2P	3P
<b>Rating (In)</b>	<b>Curve C</b>	<b>Curve C</b>	<b>Curve C</b>
6 A	EZ9F51106	EZ9F51206	EZ9F51306
10 A	EZ9F51110	EZ9F51210	EZ9F51310
16 A	EZ9F51116	EZ9F51216	EZ9F51316
20 A	EZ9F51120	EZ9F51220	EZ9F51320
32 A	EZ9F51132	EZ9F51232	EZ9F51332
40 A	EZ9F51140	EZ9F51240	EZ9F51340
63 A	EZ9F51163	EZ9F51263	EZ9F51363
Width in 9-mm modules	2	4	6

### Certified compliant IEC 60898-1

#### Additional feature

According to IEC/EN 60898-1

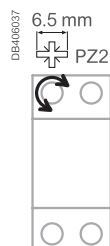
#### Breaking capacity (Icn)

Ph/N	230 V AC	10000 A
Ph/Ph	400 V AC	10000 A

#### Additional characteristics

Endurance (O-C)	Electrical	4,000 cycles
	Mechanical	20,000 cycles
Operating temperature	-5°C to +60°C	
Storage temperature	-40°C to +85°C	

### Connection



#### Rigid copper cables

6 to 25 A	1 to 25 mm <sup>2</sup>	Tightening torque: 2 N.m
32 to 63 A	1 to 35 mm <sup>2</sup>	Tightening torque: 3.5 N.m

#### Flexible copper cables

6 to 25 A	1 to 16 mm <sup>2</sup>	Tightening torque: 2 N.m
32 to 63 A	1 to 25 mm <sup>2</sup>	Tightening torque: 3.5 N.m

# Easy9

## Miniature circuit breaker



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

Easy9 circuit breakers combine the following functions:

- Circuit protection against short-circuit currents.
- Circuit protection against overload currents.

### Characteristics

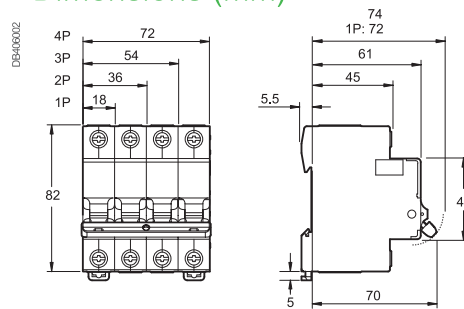
#### Main characteristics

Voltage rating (Ue)	230/400 V AC
Operating frequency	50/60 Hz
Electrical feeding	By the top and bottom

#### Additional characteristics

Degree of protection (IEC 60529)	Device only	IP20
	Device in modular enclosure	IP40
Hazardous substances	RoHS 2003 compliant	
Tropicalisation (IEC 60068-1)	Treatment 2 (relative humidity 95 % to 55°C)	

### Dimensions (mm)



### Weight (g)

Type	Easy9 MCB
1P	100
2P	205
3P	305



