

Easy9

Circuit protection



Offers

This page must be removed before publication

18 mm miniature circuit breaker

Schneider Electric's range of circuit breakers consists of different products (1, 2, 3, 4, 5, 8, 9, 10) 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	Brazil	3000 A	2
Offer 2	International	4500 A	3
Offer 3	International	6000 A	5
Offer 4	For selected countries	10000 A	6
Offer 5	UK	6000 A	7
Offer 6	N/A		-
Offer 7	N/A		-
Offer 8	International	3000 A	8
Offer 9	South Africa	3 kA	9
Offer 10	Spain	6000 A	10
Common page	Characteristics for all offers		11

Miniature circuit breaker 3000 A



PE111299-35



Offer selection see page 1

Offer 1

This sticker must be removed before publishing

PE111300-35



PE111301-35



1P

Circuit breakers		
Rating (In)	Curve B	Curve C
2 A	-	EZ9F33102
4 A	-	EZ9F33104
6 A	EZ9F13106	EZ9F33106
10 A	EZ9F13110	EZ9F33110
16 A	EZ9F13116	EZ9F33116
20 A	EZ9F13120	EZ9F33120
25 A	EZ9F13125	EZ9F33125
32 A	EZ9F13132	EZ9F33132
40 A	EZ9F13140	EZ9F33140
50 A	EZ9F13150	EZ9F33150
63 A	EZ9F13163	EZ9F33163
Width in 9-mm modules	2	

2P

Circuit breakers		
Rating (In)	Curve B	Curve C
2 A	-	EZ9F33202
4 A	-	EZ9F33204
6 A	EZ9F13206	EZ9F33206
10 A	EZ9F13210	EZ9F33210
16 A	EZ9F13216	EZ9F33216
20 A	EZ9F13220	EZ9F33220
25 A	EZ9F13225	EZ9F33225
32 A	EZ9F13232	EZ9F33232
40 A	EZ9F13240	EZ9F33240
50 A	EZ9F13250	EZ9F33250
63 A	EZ9F13263	EZ9F33263
Width in 9-mm modules	4	

3P

Circuit breakers		
Rating (In)	Curve B	Curve C
2 A	-	EZ9F33302
4 A	-	EZ9F33304
6 A	EZ9F13306	EZ9F33306
10 A	EZ9F13310	EZ9F33310
16 A	EZ9F13316	EZ9F33316
20 A	EZ9F13320	EZ9F33320
25 A	EZ9F13325	EZ9F33325
32 A	EZ9F13332	EZ9F33332
40 A	EZ9F13340	EZ9F33340
50 A	EZ9F13350	EZ9F33350
63 A	EZ9F13363	EZ9F33363
Width in 9-mm modules	6	

Certified compliant IEC 60898-1

Additional feature

According to IEC 60898-1

Breaking capacity (Icn)		
Ph/N	127 V AC	230 V AC
Ph/Ph	220 V AC	400 V AC
	5000 A	3000 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

DB-46037

6.5 mm
PZ2

Rigid copper cables

2 to 63 A 1 to 25 mm² Tightening torque:
2 N.m



Flexible copper cables

2 to 63 A 1 to 16 mm² Tightening torque:
2 N.m



14 mm



PE111299-35



1P

Circuit breakers		
Rating (In)	Curve B	Curve C
2 A	-	EZ9F34102
4 A	-	EZ9F34104
6 A	EZ9F14106	EZ9F34106
10 A	EZ9F14110	EZ9F34110
16 A	EZ9F14116	EZ9F34116
20 A	EZ9F14120	EZ9F34120
25 A	EZ9F14125	EZ9F34125
32 A	EZ9F14132	EZ9F34132
40 A	EZ9F14140	EZ9F34140
50 A	EZ9F14150	EZ9F34150
63 A	EZ9F14163	EZ9F34163
Width in 9-mm modules	2	

Offer selection see page 1

Offer 2

This sticker must be removed before publishing

PE111300-35



2P

Circuit breakers		
Rating (In)	Curve B	Curve C
6 A	EZ9F14206	EZ9F34206
10 A	EZ9F14210	EZ9F34210
16 A	EZ9F14216	EZ9F34216
20 A	EZ9F14220	EZ9F34220
25 A	EZ9F14225	EZ9F34225
32 A	EZ9F14232	EZ9F34232
40 A	EZ9F14240	EZ9F34240
50 A	EZ9F14250	EZ9F34250
63 A	EZ9F14263	EZ9F34263
Width in 9-mm modules	4	



PB11301-35



Offer selection see page 1

Offer 2

This sticker must be removed before publishing

PB11302-35



3P

Circuit breakers

Rating (In)	Curve B	Curve C
6 A	EZ9F14306	EZ9F34306
10 A	EZ9F14310	EZ9F34310
16 A	EZ9F14316	EZ9F34316
20 A	EZ9F14320	EZ9F34320
25 A	EZ9F14325	EZ9F34325
32 A	EZ9F14332	EZ9F34332
40 A	EZ9F14340	EZ9F34340
50 A	EZ9F14350	EZ9F34350
63 A	EZ9F14363	EZ9F34363
Width in 9-mm modules	6	

4P

Circuit breakers

Rating (In)	Curve B	Curve C
6 A	EZ9F14406	EZ9F34406
10 A	EZ9F14410	EZ9F34410
16 A	EZ9F14416	EZ9F34416
20 A	EZ9F14420	EZ9F34420
25 A	EZ9F14425	EZ9F34425
32 A	EZ9F14432	EZ9F34432
40 A	EZ9F14440	EZ9F34440
50 A	EZ9F14450	EZ9F34450
63 A	EZ9F14463	EZ9F34463
Width in 9-mm modules	8	

Connection - Curve B

	6.5 mm	Rigid copper cables
	PZ2	2 to 25 A 1 to 25 mm ² Tightening torque: 2 N.m
		32 to 63 A 1 to 35 mm ² Tightening torque: 3.5 N.m
		Flexible copper cables
	14 mm	2 to 25 A 1 to 16 mm ² Tightening torque: 2 N.m
		32 to 63 A 1 to 25 mm ² Tightening torque: 3.5 N.m

Connection - Curve C

	6.5 mm	Rigid copper cables
	PZ2	2 to 32 A 1 to 25 mm ² Tightening torque: 2 N.m
		40 to 63 A 1 to 35 mm ² Tightening torque: 3.5 N.m
		Flexible copper cables
	14 mm	2 to 32 A 1 to 16 mm ² Tightening torque: 2 N.m
		40 to 63 A 1 to 25 mm ² Tightening torque: 3.5 N.m

Certified compliant IEC/EN 60898-1

Additional feature

According to IEC/EN 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	

PB111299-35

PB111300-35

PB11301-35

PB11302-35



Offer selection see page 1

Offer 3

This sticker must be removed before publishing

1P

Circuit breakers			
Rating (In)	Curve B	Curve C	Curve D
6 A	EZ9F26106	EZ9F56106	-
10 A	EZ9F26110	EZ9F56110	-
16 A	EZ9F26116	EZ9F56116	-
20 A	EZ9F26120	EZ9F56120	-
25 A	EZ9F26125	EZ9F56125	-
32 A	EZ9F26132	EZ9F56132	-
40 A	EZ9F26140	EZ9F56140	-
50 A	-	EZ9F56150	-
63 A	-	EZ9F56163	-
Width in 9-mm modules	2		

2P

Circuit breakers			
Rating (In)	Curve B	Curve C	Curve D
6 A	-	EZ9F56206	-
10 A	-	EZ9F56210	-
16 A	-	EZ9F56216	-
20 A	-	EZ9F56220	-
25 A	-	EZ9F56225	EZ9F86225
32 A	-	EZ9F56232	EZ9F86232
40 A	-	EZ9F56240	EZ9F86240
50 A	-	EZ9F56250	EZ9F86250
63 A	-	EZ9F56263	-
Width in 9-mm modules	4		

3P

Circuit breakers			
Rating (In)	Curve B	Curve C	Curve D
6 A	-	EZ9F56306	-
10 A	-	EZ9F56310	-
16 A	-	EZ9F56316	-
20 A	-	EZ9F56320	-
25 A	-	EZ9F56325	EZ9F86325
32 A	-	EZ9F56332	EZ9F86332
40 A	-	EZ9F56340	EZ9F86340
50 A	-	EZ9F56350	EZ9F86350
63 A	-	EZ9F56363	EZ9F86363
Width in 9-mm modules	6		

4P

Circuit breakers			
Rating (In)	Curve B	Curve C	Curve D
6 A	-	EZ9F56406	-
10 A	-	EZ9F56410	-
16 A	-	EZ9F56416	-
20 A	-	EZ9F56420	-
25 A	-	EZ9F56425	-
32 A	-	EZ9F56432	-
40 A	-	EZ9F56440	-
50 A	-	EZ9F56450	-
63 A	-	EZ9F56463	-
Width in 9-mm modules	8		

Certified compliant IEC/EN 60898-1

Additional feature

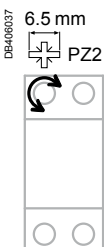
According to IEC/EN 60898-1

Breaking capacity (Icn)		
Ph/N	127 V AC	230 V AC
Ph/Ph	220 V AC	400 V AC
	10000 A	6000 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

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

Flexible copper cables

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



PB11299-35



PB11300-38



PB11301-35



PB11302-35

Offer selection see page 1

Offer 4

This sticker must be removed before publishing

1P

Circuit breakers

Rating (In)	Curve C
6 A	EZ9F51106
10 A	EZ9F51110
16 A	EZ9F51116
20 A	EZ9F51120
25 A	EZ9F51125
32 A	EZ9F51132
40 A	EZ9F51140
63 A	EZ9F51163
Width in 9-mm modules	2

2P

Circuit breakers

Rating (In)	Curve C
6 A	EZ9F51206
10 A	EZ9F51210
16 A	EZ9F51216
20 A	EZ9F51220
32 A	EZ9F51232
40 A	EZ9F51240
63 A	EZ9F51263
Width in 9-mm modules	4

3P

Circuit breakers

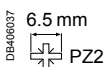
Rating (In)	Curve C
6 A	EZ9F51306
10 A	EZ9F51310
16 A	EZ9F51316
20 A	EZ9F51320
25 A	EZ9F51325
32 A	EZ9F51332
40 A	EZ9F51340
63 A	EZ9F51363
Width in 9-mm modules	6

4P

Circuit breakers

Rating (In)	Curve C
20 A	EZ9F51420
32 A	EZ9F51432
40 A	EZ9F51440
63 A	EZ9F51463
Width in 9-mm modules	8

Connection



DB40837

6.5 mm
PZ2

Rigid copper cables

6 to 25 A 1 to 25 mm² Tightening torque: 2 N.m

32 to 63 A 1 to 35 mm² Tightening torque: 3.5 N.m



14 mm

Flexible copper cables

6 to 25 A 1 to 16 mm² Tightening torque: 2 N.m

32 to 63 A 1 to 25 mm² Tightening torque: 3.5 N.m

Certified compliant IEC/EN 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	10,000 cycles
Operating temperature		-5°C to +60°C
Storage temperature		-40°C to +85°C

Easy9

Miniature circuit breaker 6000 A

CE



Offer selection see page 1

Offer 5

This sticker must be removed before publishing

1P

Circuit breakers		
Rating (In)	Curve B	Curve C
3 A	EZ9F16103	-
6 A	EZ9F16106	EZ9F66106
10 A	EZ9F16110	EZ9F66110
16 A	EZ9F16116	EZ9F66116
20 A	EZ9F16120	EZ9F66120
25 A	EZ9F16125	-
32 A	EZ9F16132	EZ9F66132
40 A	EZ9F16140	EZ9F66140
50 A	EZ9F16150	EZ9F66150
Width in 9-mm modules	2	

Certified compliant BS EN 60898-1

Additional feature

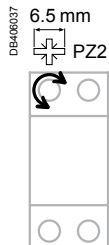
According to BS EN 60898-1

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

3 to 25 A 1 to 25 mm² Tightening torque: 2 N.m

32 to 50 A 1 to 35 mm² Tightening torque: 3.5 N.m

Flexible copper cables

3 to 25 A 1 to 16 mm² Tightening torque: 2 N.m

32 to 50 A 1 to 25 mm² Tightening torque: 3.5 N.m

PB111299-35

PB111300-35

PB111301-35

PB111302-35

Offer selection see page 1

Offer 8

This sticker must be removed before publishing

1P

Circuit breakers

Rating (In)	Curve B	Curve C
2 A	-	EZ9F43102
4 A	-	EZ9F43104
6 A	EZ9F23106	EZ9F43106
10 A	EZ9F23110	EZ9F43110
16 A	EZ9F23116	EZ9F43116
20 A	EZ9F23120	EZ9F43120
25 A	EZ9F23125	EZ9F43125
32 A	EZ9F23132	EZ9F43132
40 A	EZ9F23140	EZ9F43140
50 A	-	EZ9F43150
63 A	-	EZ9F43163
Width in 9-mm modules	2	

2P

Circuit breakers

Rating (In)	Curve B	Curve C
6 A	-	EZ9F43206
10 A	-	EZ9F43210
16 A	-	EZ9F43216
20 A	-	EZ9F43220
25 A	-	EZ9F43225
32 A	-	EZ9F43232
40 A	-	EZ9F43240
50 A	-	EZ9F43250
63 A	-	EZ9F43263
Width in 9-mm modules	4	

3P

Circuit breakers

Rating (In)	Curve B	Curve C
6 A	-	EZ9F43306
10 A	-	EZ9F43310
16 A	-	EZ9F43316
20 A	-	EZ9F43320
25 A	-	EZ9F43325
32 A	-	EZ9F43332
40 A	-	EZ9F43340
50 A	-	EZ9F43350
63 A	-	EZ9F43363
Width in 9-mm modules	6	

4P

Circuit breakers

Rating (In)	Curve B	Curve C
6 A	-	EZ9F43406
10 A	-	EZ9F43410
16 A	-	EZ9F43416
20 A	-	EZ9F43420
25 A	-	EZ9F43425
32 A	-	EZ9F43432
40 A	-	EZ9F43440
50 A	-	EZ9F43450
63 A	-	EZ9F43463
Width in 9-mm modules	8	

Connection - Curve B

DB406037

6.5 mm



Rigid copper cables

2 to 25 A 1 to 25 mm² Tightening torque: 2 N.m

32 to 63 A 1 to 35 mm² Tightening torque: 3.5 N.m

Flexible copper cables

2 to 25 A 1 to 16 mm² Tightening torque: 2 N.m

32 to 63 A 1 to 25 mm² Tightening torque: 3.5 N.m



Connection - Curve C

DB406037

6.5 mm



Rigid copper cables

2 to 32 A 1 to 25 mm² Tightening torque: 2 N.m

40 to 63 A 1 to 35 mm² Tightening torque: 3.5 N.m

Flexible copper cables

2 to 32 A 1 to 16 mm² Tightening torque: 2 N.m

40 to 63 A 1 to 25 mm² Tightening torque: 3.5 N.m



Certified compliant IEC/EN 60898-1

Additional feature

According to IEC/EN 60898-1

Breaking capacity (Icn)

Ph/N	230 V AC	3000 A
Ph/Ph	400 V AC	3000 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	

PB111299-35

PB111300-35

PB111301-35

PB111302-35



Offer selection see page 1
Offer 9
This sticker must be removed before publishing

1P

Circuit breakers

Rating (In)	Curve C
6 A	EZ9F53106
10 A	EZ9F53110
16 A	EZ9F53116
20 A	EZ9F53120
25 A	EZ9F53125
32 A	EZ9F53132
40 A	EZ9F53140
50 A	EZ9F53150
63 A	EZ9F53163
Width in 9-mm modules	2

2P

Circuit breakers

Rating (In)	Curve C
6 A	EZ9F53206
10 A	EZ9F53210
16 A	EZ9F53216
20 A	EZ9F53220
25 A	EZ9F53225
32 A	EZ9F53232
40 A	EZ9F53240
50 A	EZ9F53250
63 A	EZ9F53263
Width in 9-mm modules	4

3P

Circuit breakers

Rating (In)	Curve C
6 A	EZ9F53306
10 A	EZ9F53310
16 A	EZ9F53316
20 A	EZ9F53320
25 A	EZ9F53325
32 A	EZ9F53332
40 A	EZ9F53340
50 A	EZ9F53350
63 A	EZ9F53363
Width in 9-mm modules	6

4P

Circuit breakers

Rating (In)	Curve C
6 A	EZ9F53406
10 A	EZ9F53410
16 A	EZ9F53416
20 A	EZ9F53420
25 A	EZ9F53425
32 A	EZ9F53432
40 A	EZ9F53440
50 A	EZ9F53450
63 A	EZ9F53463
Width in 9-mm modules	8

Certified compliant SANS IEC 60947-2

Additional feature

According to SANS IEC 60947-2

Breaking capacity (Icu = Ics)

Ph/N	230 V AC	3 kA
Ph/Ph	400 V AC	3 kA
Magnetic tripping	C curve	8.5 In ± 20 %

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
Reference temperature		50°C

Connection

DB406037

6.5 mm
PZ2



Rigid copper cables

6 to 25 A 1 to 25 mm² Tightening torque:
2 N.m

32 to 63 A 1 to 35 mm² Tightening torque:
3.5 N.m

Flexible copper cables

6 to 25 A 1 to 16 mm² Tightening torque:
2 N.m

32 to 63 A 1 to 25 mm² Tightening torque:
3.5 N.m



14 mm



1P+N

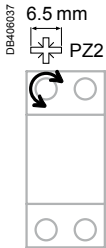
Circuit breakers	
Rating (In)	Curve C
10 A	EZ9F56610
16 A	EZ9F56616
20 A	EZ9F56620
25 A	EZ9F56625
32 A	EZ9F56632
40 A	EZ9F56640
Width in 9-mm modules	4



Certified compliant IEC/EN 60898-1

Additional feature

Connection



Rigid copper cables

10 to 25 A 1 to 25 mm² Tightening torque: 2 N.m
 32 to 40 A 1 to 35 mm² Tightening torque: 3.5 N.m

Flexible copper cables

10 to 25 A 1 to 16 mm² Tightening torque: 2 N.m
 32 to 40 A 1 to 25 mm² Tightening torque: 3.5 N.m

According to IEC/EN 60898-1

Breaking capacity (Icn)

Ph/N	230 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

IEC/EN 60898-1, BS EN 60898-1, SANS IEC 60947-2

As per the above standards:

Easy9 circuit breakers combine the following functions:

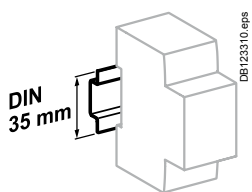


Circuit protection against short-circuit currents.

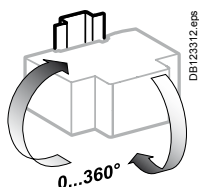
Circuit protection against overload currents.



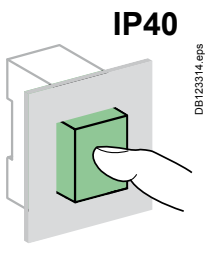
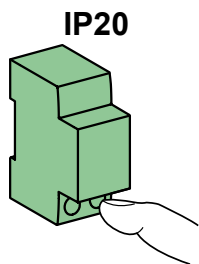
+ Fault tripping indication on the front panel by the position of the handle (O - I engraved)



Clip on DIN rail 35 mm.



Indifferent position of installation.



Characteristics

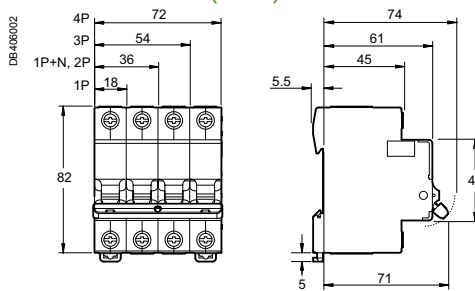
Main characteristics

Voltage rating (Ue)	230/400 V AC
Operating frequency	50/60 Hz
Electrical feeding	By the top and bottom
Insulation voltage (Ui)	500 V
Rated impulse withstand voltage (Uimp)	4 kV

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)	

Dimensions (mm)



Weight (g)

Type	Easy9 MCB
1P	100
1P+N, 2P	205
3P	305
4P	405



Indice	Date	Modification	Name
2.1	31/08/2018	Pages 3-4 deleted SNI and added IRAM and CS pictos. Page 5 added D curve product, EAC picto and changed T°	Sonovision
2.0	15/05/2018	Combined offer 4 and 11 - Deleted offer 6 and 7	Sonovision
1.11	3/08/2017	Added Offer 4: Malaysia 10000 A	Sonovision
1.10	29/09/2016	Added Offer 11: Egypt, Gulf	Sonovision
1.9	13/10/2014	Changed "Additional feature" table Offer 1, page 2	Sedoc
1.8	25/04/2014	Add (20, 32, 40, 50 A) Cat. no. Offer 5	Sedoc
1.7	13/02/2014	Deleted 1P+N product offer 9	Sedoc
1.6	16/01/2014	Add 2 A and 4 A product Offer 2 and SNI pictograms	Sedoc
1.5	2/12/2013	Offer 3: Deleted ST/SIRIM/VDE pictograms - Changed Breaking capacity table	Sedoc
1.4	6/10/2013	Add Offer 9 and changed strip length to 14 mm	Sedoc
1.3	12/08/2013	New photo references (PB111xxx)	Sedoc
1.2	12/04/2013	New cat. no. for offer 2, 4P, curve B	Sedoc
1.1	11/03/2013	Changed RoHs to RoHS page 10	Sedoc
1.0	29/01/2013	Creation	Sedoc