

Low voltage

EasyPact EZC

Moulded-case circuit breakers
from 15 to 630 A

Catalogue
2013



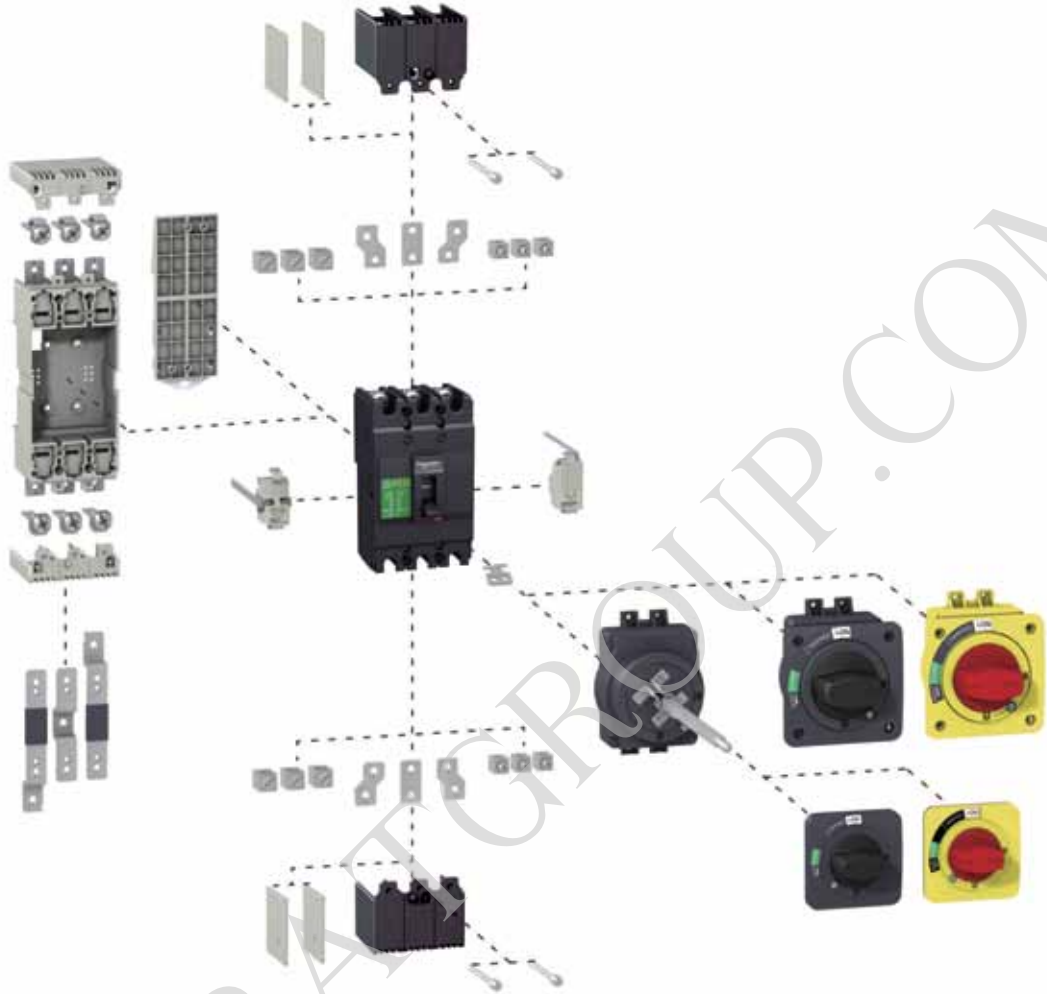
Schneider
Electric

WWW.KORATGROUP.COM

Accessories

PB104603

The new **plug-in accessory** reduces installation and maintenance time.



CPB100609



The **fishbone**, designed for vertical installation, saves space and reduces cabling time.

CPB100610



Make the most of your energy™

CPB 100611



Earth-leakage protection

EasyPact Ezc circuit breakers have a specific version including earth-leakage protection. This protection is fully integrated inside the breaker and does not require any additional space. EasyPact Ezc circuit breakers and earth-leakage circuit breakers are fully interchangeable.

Compliance with standards

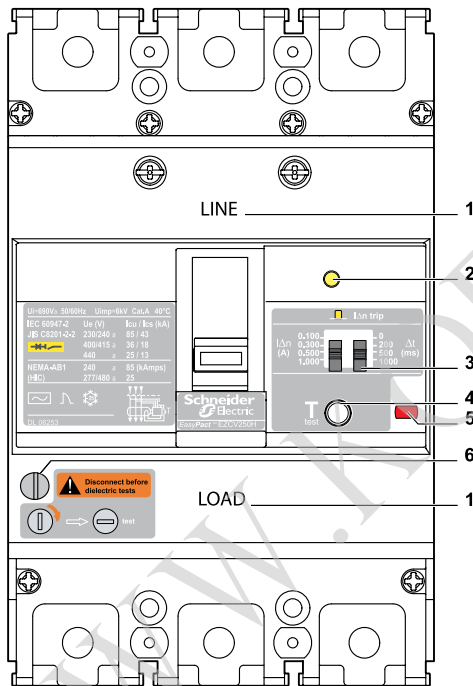
EasyPact Ezc earth-leakage circuit breakers comply with all the international standards listed [page A-2](#):

- IEC 60947-1
- IEC 60947-2
- EN 60947-1
- EN 60947-2
- GB 14048.2
- JIS C8201-2-2 Annex 1 and Annex 2
- NEMA-AB1 (High Interrupting Capacity)
- UL508/CSA 22-2 no. 14.

They also comply with:

- VDE 664, operation down to -25 °C
- IEC 60255-4 and IEC 60801-2 to 60801-5 covering protection against nuisance tripping due to transient overvoltages, lightning strikes, switching of devices on the distribution system, electrostatic discharges, radiofrequency interference.

DB125803



- 1 Line-Load (U_e > 300 V AC)
- 2 Mechanical indicator (ELCB)
- 3 Adjustable settings ID_n and time delay
- 4 ELCB test button
- 5 Push to trip button (MCCB)
- 6 Dielectric tests: disconnecting switch

Power supply

Reverse feeding

EasyPact Ezc earth-leakage circuit breakers can be supplied from either the top or the bottom for voltages up to 300 V AC. For voltages over 300 V AC, only supply from the top is possible (Line-Load indication on the cover of the breaker).

Power supply of the electronics

EasyPact Ezc earth-leakage circuit breakers are self-supplied by the distribution-system voltage and therefore do not require any external source. They fully comply with new IEC requirements (Annex B): they are powered from the three phases and continue to function even if one phase is missing.

Dielectric tests

EasyPact Ezc earth-leakage circuit breakers are equipped with a disconnecting switch in order to protect the electronics during dielectric tests. When the disconnecting switch is activated, the circuit breaker is automatically tripped. It is mechanically impossible to switch on the circuit breaker, until the earth-leakage function is re-energised.

Tripping features

Tripping indications:

- EasyPact Ezc earth-leakage circuit breakers have a yellow mechanical indicator to locally signal tripping due to an earth fault.
- EasyPact Ezc earth-leakage circuit breakers may be equipped with an earth-leakage alarm switch (ALV) to remotely signal tripping due to an earth fault.

Resetting

EasyPact Ezc earth-leakage circuit breakers are fully reset by the operating handle. After resetting, tripping indicators (mechanical and ALV) come to normal position.

ELCB protection characteristics

Sensitivity I _{Dn} (A)		adjustable	0.1 - 0.3 - 0.5 - 1
Time delay	Intentional delay (ms)	adjustable	0 - 200 - 500 - 1000
	Max. breaking time (s)		0.15 - 0.4 - 1 - 2
Rated voltage	AC 50/60 Hz (V)		100...440

Earth-leakage circuit breakers

With three built-in protections:

- overload
- short-circuit
- earth-leakage.

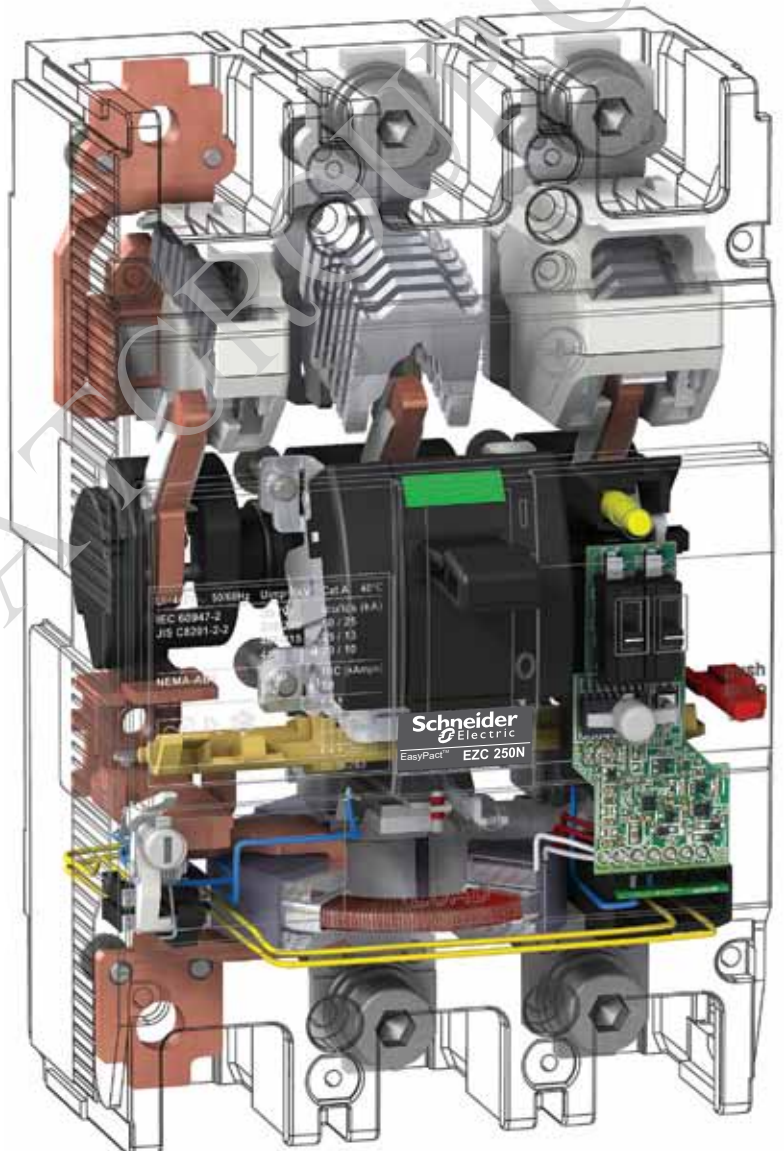
From 63 A to 250 A

With adjustable sensibility and time delay

Up to 36 kA at 415 V

In 3 poles and 4 poles

DBI25805



CPB100600



EZC100-1P.

CPB100601



EZC100-2P.

CPB100602



EZC100-3P.

CPB100603



EZC100-4P.

CPB100604



EZC250-3P.

EasyPact EZC circuit breakers

Fixed version		
Plug-in version		
Number of poles		
Rated current (A)	In	at 40 °C
Rated insulation voltage (V)		
Rated impulse withstand voltage (kV)	Ui	
Rated operational voltage (V)	Uimp	
	Ue	AC 50/60 Hz DC

Electrical characteristics as per IEC 60947-2, EN 60947-2, JIS C8201-2-1

Ultimate breaking capacity (kA rms)	Icu	AC 50/60 Hz	110/130 V
			220/230/240 V 380 V 400/415 V 440 V 550 V
Rated service breaking capacity (kA rms)	Ics	% Icu	DC 125 V (1P) 250 V (2P in series)
			110-400 V 415-550 V

Suitability for isolation		
Utilisation category		
Pollution degree		
Endurance (C-O cycles)		Mechanical
		Electrical In/415 V

Electrical characteristics as per NEMA-AB1

Breaking capacity (kA rms)	HIC	AC 50/60 Hz 240 V 277/480 V
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Protection

Overload protection	Bimetal	
Instantaneous protection	Magnetic	Fixed (±20 %)

Auxiliaries

Indication contacts	Auxiliary switch	AX
	Alarm switch	AL
Voltage releases	Combined AX + AL	AXAL
	Shunt trip release	SHT
	Undervoltage release	UVR

Installation

Connection	Crimp lugs/bars	
Accessories	Box lugs for bare cables	
	Rotary handles	Direct Extended
	Terminal extensions	
	Spreaders	
	Phase barriers	
	Terminal shields	
	Padlocking system	
	DIN rail adaptor	

Dimension and weight

Dimensions (mm)	D x H W
Weight (kg)	

EZC100B		EZC100F		EZC100N		EZC100H		EZC250F	EZC250N	EZC250H
■	■	■	■	■	■	■	■	■	■	■
■	■	-	■ ⁽⁴⁾	-	■ ⁽⁴⁾	-	■	■	■	■
3	3	1	3-4	1	2-3-4	3	3	2-3		
15, 16, 20, 25, 30, 32, 40, 45, 50, 60	15, 16, 20, 25, 30, 32, 40, 45, 50, 60, 63, 75, 80, 100	15, 16, 20, 25, 30, 32, 40, 45, 50, 60, 63, 75, 80, 100	15, 16, 20, 25, 30, 32, 40, 45, 50, 60, 63, 75, 80, 100	15, 16, 20, 25, 30, 32, 40, 45, 50, 60, 63, 75, 80, 100	15, 16, 20, 25, 30, 32, 40, 45, 50, 60, 63, 75, 80, 100	100, 125, 150, 160, 175, 200, 225, 250	100, 125, 150, 160, 175, 200, 225, 250	100, 125, 150, 160, 175, 200, 225, 250		
690	690	690	690	690	690	690	690	690		
6	6	6	6	6	6	6	6	6		
550	550	415	550	415	550	550	550	550		
-	250	125	250	125	250	250	250	250		
10	25	25	25	50	100	25	50	85		
10	25	18	25	25	100 ⁽¹⁾	25	50	85		
7.5	10	2.5	18	5	30	18	25	36		
7.5	10	2.5	15	5	30	18	25	36		
5	7.5	-	10	-	20	15	20	25		
2.5	5	-	5	-	10	5	8	10		
-	5	5	5	10	10	5	20	30		
-	5	-	5	-	10	5	20	30		
25 %	50 %	50 %	50 %	50 %	50 %	50 %	50 %	50 %		
25 %	50 %	50 %	50 %	50 %	25 %	50 %	50 %	50 %		
■	■	■	■	■	■	■	■	■		
A	A	A	A	A	A	A	A	A		
3	3	3	3	3	3	3	3	3		
8 500	8 500	8 500	8 500	8 500	8 500	10 000	10 000	10 000		
1 500	1 500	1 500	1 500	1 500	1 500	5 000	5 000	5 000		
-	-	10	25	18	100	25	50	85		
-	-	10 ⁽²⁾	10	18 ⁽²⁾	18 ⁽³⁾	15	18	25 ⁽³⁾		
fixed	fixed	fixed	fixed	fixed	fixed	fixed	fixed	fixed		
fixed	fixed	fixed	fixed	fixed	fixed	10 In	10 In	10 In		
■	■	-	■	-	■	■	■	■		
■	■	-	■	-	■	■	■	■		
■	■	-	■	-	■	■	■	■		
■	■	-	■	-	■	■	■	■		
■	■	-	■	-	■	■	■	■		
■	■	■	■	■	■	■	■	■		
■	■	■	■	■	■	■	■	■		
■	■	-	■	-	■ ⁽³⁾	■	■	■		
■	■	-	■	-	■ ⁽³⁾	■	■	■		
-	-	-	-	-	-	■	■	■		
■	■	-	■	-	■	■	■	■		
■	■	-	■	-	■ ⁽³⁾	■	■	■		
■	■	■	■	■	■	■	■	■		
■	■	■	■	■	■	-	-	-		
60 x 130	60 x 130	60 x 130	60 x 130	60 x 130	60 x 130	60 x 165	60 x 165	60 x 165		
75	75	25	75 (3P) 100 (4P)	25	50 (2P) 75 (3P) 100 (4P)	105	105	105		
0.78	0.78	0.28	0.78 (3P) 1.0 (4P)	0.28	0.6 (2P) 0.78 (3P) 1.0 (4P)	1.3	1.3	1.1 (2P) 1.3 (3P)		

(1) 50 kA for 2 poles.
(2) For 277 V only.
(3) For 3 and 4 poles only.
(4) For 3P only.

CPB100605



EZC250-4P.

CPB100606



EZCV250-4P.

CPB100607



EZC400-3P.

EasyPact EZC circuit breakers

Fixed version		
Plug-in version		
Number of poles		
Rated current (A)	In	at 40 °C
Rated insulation voltage (V)	Ui	
Rated impulse withstand voltage (kV)	Uimp	
Rated operational voltage (V)	Ue	AC 50/60 Hz DC

Electrical characteristics as per IEC 60947-2, EN 60947-2 and JIS C8201-2-1/C8201-2-2

Ultimate breaking capacity (kA rms)	Icu	AC 50/60 Hz	220/230 V 380 V 400/415 V 440 V 550 V
		DC	125 V (1P) 250 V (2P in series)

Rated service breaking capacity (kA rms)	Ics	% Icu
Suitability for isolation		
Utilisation category		
Pollution degree		
Endurance (C-O cycles)	Mechanical	
	Electrical	In/415 V

Electrical characteristics as per NEMA-AB1

Breaking capacity (kA rms)	HIC	AC 50/60 Hz	240 V 277/480 V
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Protection

Overload protection	Bimetal	
Instantaneous protection	Magnetic	fixed (± 20 %)

Earth-leakage protection

Sensitivity (A)	IΔn	adjustable
Time-delay (ms)	Δt	adjustable
Max. breaking time (s)	at 2 I Δ n	

Auxiliaries

Indication contacts	Auxiliary switch	OF/AX
	Alarm switch	SD/AL
	Combined AX + AL	AXAL
	Earth-alarm switch	ALV
Voltage releases	Shunt trip release	MX/SHT
	Undervoltage release	MN/UVR

Installation

Connection	Crimp lugs / bars	
Accessories	Box lugs for bare cables	
	Rotary handles	Direct Extended
	Terminal extensions	
	Spreaders	
	Phase barriers	
	Terminal shields	
	Padlocking system	

Dimension and weight

Dimensions (mm)	D x H W
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Weight (kg)	
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	EZC250N	EZC250H	EZCV250N	EZCV250H	EZC400N	EZC400H	EZC630N	EZC630H
	■	■	■	■	■	■	■	■
	■	■	■	■	-	-	-	-
	4	4	3-4	3-4	3-4	3-4	3-4	3-4
	63, 80, 100, 125, 150, 160, 175, 200, 225, 250	63, 80, 100, 125, 150, 160, 175, 200, 225, 250	63, 80, 100, 125, 150, 160, 175, 200, 225, 250	63, 80, 100, 125, 150, 160, 175, 200, 225, 250	320, 350, 400	320, 350, 400	400, 500, 600	400, 500, 600
	690	690	440	440	690	690	690	690
	6	6	6	6	6	6	6	6
	550	550	440	440	440	440	440	440
	250	250	-	-	250	250	250	250
	50	85	85	100	40	70	40	70
	25	36	25	36	36	50	36	50
	25	36	25	36	36	50	36	50
	20	25	20	25	36	50	36	50
	8	10	-	-	-	-	-	-
	20	30	-	-	-	-	-	-
	20	30	-	-	-	-	-	-
	50 %	50 %	50 %	50 %	50 %	50 %	100% (220-415V) 50% (440V)	100% (220-415V) 50% (440V)
	■	■	■	■	■	■	■	■
	A	A	A	A	A	A	A	A
	3	3	3	3	3	3	3	3
	10 000	10 000	10 000	10 000	10 000	10 000	10 000	10 000
	5 000	5 000	5 000	5 000	4 000	4 000	3 000	3 000
	50	85	50	85	50	85	50	85
	18	25	-	-	25	35	25	35
	fixed	fixed	fixed	fixed	fixed	fixed	fixed	fixed
	10 In	10 In	10 In	10 In	10 In	10 In	10 In (400/500A) 5000A (600A)	10 In (400/500A) 5000A (600A)
	-	-	0.1/0.3/0.5/1	0.1/0.3/0.5/1	-	-	-	-
	-	-	0/200/500/1000	0/200/500/1000	-	-	-	-
	-	-	0.15/0.4/1/2	0.15/0.4/1/2	-	-	-	-
	■	■	■	■	■	■	■	■
	■	■	■	■	■	■	■	■
	■	■	■	■	■	■	■	■
	-	-	■	■	-	-	-	-
	■	■	■	■	■	■	■	■
	■	■	■	■	■	■	■	■
	■	■	■	■	■	■	■	■
	■	■	■	■	■	■	■	■
	■	■	■	■	■	■	■	■
	■	■	■	■	■	■	■	■
	■	■	■	■	■	■	■	■
	■	■	■	■	■	■	■	■
	■	■	■	■	■	■	■	■
	■	■	■	■	■	■	■	■
	68 x 165	68 x 165	68 x 165	68 x 165	140 x 255	140 x 255	140 x 255	140 x 255
	140	140	105 (3P) 140 (4P)	105 (3P) 140 (4P)	140 (3P) 185 (4P)	140 (3P) 185 (4P)	140 (3P) 185 (4P)	140 (3P) 185 (4P)
	1.8	1.8	1.6 (3P) 2.1 (4P)	1.6 (3P) 2.1 (4P)	4.8 (3P) 6.4 (4P)	4.8 (3P) 6.4 (4P)	4.8 (3P) 6.4 (4P)	4.8 (3P) 6.4 (4P)

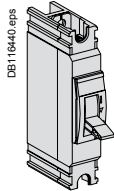
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EZC100N/H 1P/2P

Circuit breaker

EasyPact EZC100N 1P 18 kA 220/240 V

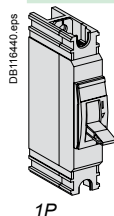
With thermal magnetic trip unit



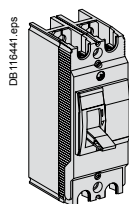
Rating	1P 1t
15 A	EZC100N1015
16 A	EZC100N1016
20 A	EZC100N1020
25 A	EZC100N1025
30 A	EZC100N1030
32 A	EZC100N1032
40 A	EZC100N1040
45 A	EZC100N1045
50 A	EZC100N1050
60 A	EZC100N1060
63 A	EZC100N1063
75 A	EZC100N1075
80 A	EZC100N1080
100 A	EZC100N1100

EasyPact EZC100H 1P 25 kA - 2P 50 kA 220/240 V

With thermal magnetic trip unit



1P



2P

Rating	1P 1t	2P 2t
15 A	EZC100H1015	EZC100H2015
16 A	EZC100H1016	EZC100H2016
20 A	EZC100H1020	EZC100H2020
25 A	EZC100H1025	EZC100H2025
30 A	EZC100H1030	EZC100H2030
32 A	EZC100H1032	EZC100H2032
40 A	EZC100H1040	EZC100H2040
45 A	EZC100H1045	EZC100H2045
50 A	EZC100H1050	EZC100H2050
60 A	EZC100H1060	EZC100H2060
63 A	EZC100H1063	EZC100H2063
75 A	EZC100H1075	EZC100H2075
80 A	EZC100H1080	EZC100H2080
100 A	EZC100H1100	EZC100H2100

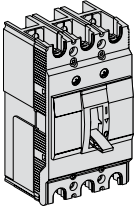
EZC100B/F/N/H 3P

Circuit breaker

EasyPact EZC100B 3P 7.5 kA 400/415 V

With thermal magnetic trip unit

DB11642.eps

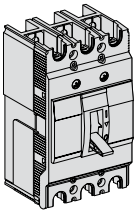


Rating	3P 3t
15 A	EZC100B3015
16 A	EZC100B3016
20 A	EZC100B3020
25 A	EZC100B3025
30 A	EZC100B3030
32 A	EZC100B3032
40 A	EZC100B3040
45 A	EZC100B3045
50 A	EZC100B3050
60 A	EZC100B3060

EasyPact EZC100F 3P 10 kA 400/415 V

With thermal magnetic trip unit

DB11642.eps

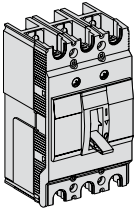


Rating	3P 3t
15 A	EZC100F3015
16 A	EZC100F3016
20 A	EZC100F3020
25 A	EZC100F3025
30 A	EZC100F3030
32 A	EZC100F3032
40 A	EZC100F3040
45 A	EZC100F3045
50 A	EZC100F3050
60 A	EZC100F3060
63 A	EZC100F3063
75 A	EZC100F3075
80 A	EZC100F3080
100 A	EZC100F3100

EasyPact EZC100N 3P 15 kA 400/415 V

With thermal magnetic trip unit

DB11642.eps

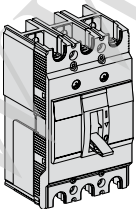


Rating	3P 3t
15 A	EZC100N3015
16 A	EZC100N3016
20 A	EZC100N3020
25 A	EZC100N3025
30 A	EZC100N3030
32 A	EZC100N3032
40 A	EZC100N3040
45 A	EZC100N3045
50 A	EZC100N3050
60 A	EZC100N3060
63 A	EZC100N3063
75 A	EZC100N3075
80 A	EZC100N3080
100 A	EZC100N3100

EasyPact EZC100H 3P 30 kA 400/415 V

With thermal magnetic trip unit

DB11642.eps



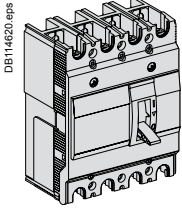
Rating	3P 3t
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16 A	EZC100H3016
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25 A	EZC100H3025
30 A	EZC100H3030
32 A	EZC100H3032
40 A	EZC100H3040
45 A	EZC100H3045
50 A	EZC100H3050
60 A	EZC100H3060
63 A	EZC100H3063
75 A	EZC100H3075
80 A	EZC100H3080
100 A	EZC100H3100

EZC100N/H 4P

Circuit breaker

EasyPact EZC100N 4P 15 kA 400/415 V

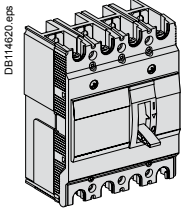
With thermal magnetic trip unit



Rating	4P 3t
15 A	EZC100N4015
16 A	EZC100N4016
20 A	EZC100N4020
25 A	EZC100N4025
30 A	EZC100N4030
32 A	EZC100N4032
40 A	EZC100N4040
45 A	EZC100N4045
50 A	EZC100N4050
60 A	EZC100N4060
63 A	EZC100N4063
75 A	EZC100N4075
80 A	EZC100N4080
100 A	EZC100N4100

EasyPact EZC100H 4P 30 kA 400/415 V

With thermal magnetic trip unit





Rating	4P 3t
15 A	EZC100H4015
16 A	EZC100H4016
20 A	EZC100H4020
25 A	EZC100H4025
30 A	EZC100H4030
32 A	EZC100H4032
40 A	EZC100H4040
45 A	EZC100H4045
50 A	EZC100H4050
60 A	EZC100H4060
63 A	EZC100H4063
75 A	EZC100H4075
80 A	EZC100H4080
100 A	EZC100H4100

EZC100N/H/B/F

Accessories

Connection accessories

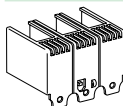

Cable lugs

DB100821.eps 	≤ 50 A	Cables from 2.5 to 16 mm ²	Set of 2	EZALUG0502
			Set of 3	EZALUG0503
DB100822.eps 	> 50 A	Cables from 10 to 50 mm ²	Set of 2	EZALUG1002
			Set of 3	EZALUG1003

Spreaders

DB11674.eps 	Spreaders for 3P breaker	Set of 3	EZASPDR3P
	Spreaders for 4P breaker	Set of 4	EZASPDR4P

Terminal shields

DB100824.eps 	Terminal shields for 3P breaker	Set of 2	EZATSHD3P
	Terminal shields for 4P breaker	Set of 2	EZATSHD4P
			

Sealing screws

DB100825.eps 	Sealing screws	Set of 2	EZASSCR
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Phase barriers

DB100826.eps 	Phase barriers	Set of 2	EZAFASB2
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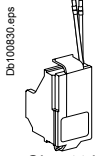
Electrical auxiliaries

Indication contacts

DB11662.eps 	Auxiliary switch (AX)	EZAUX10
DB11663.eps 	Alarm switch (AL)	EZAUX01
DB11669.eps 	Auxiliary switch + alarm switch (AX + AL)	EZAUX11

Electrical auxiliaries (cont.)

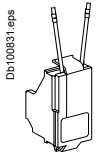
Voltage releases



Db100830.eps

Shunt trip (SHT)

	Voltage	MX/SHT
AC	100-130 V	EZASHT100AC
	200-277 V	EZASHT200AC
	380-480 V	EZASHT380AC
DC	24 V	EZASHT024DC
	48 V	EZASHT048DC
		EZASHT048DC



Db100831.eps

Under voltage release (UVR)

	Voltage	MN/UVR
AC	110-130 V	EZAUVR110AC
	200-240 V	EZAUVR200AC
	277 V	EZAUVR277AC
	380-415 V	EZAUVR380AC
	440-480 V	EZAUVR440AC
DC	24 V	EZAUVR024DC
	48 V	EZAUVR048DC
	125 V	EZAUVR125DC

Rotary handles

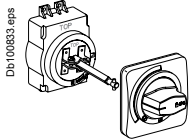
Direct rotary handle (for 3/4P breaker)



Db100832.eps

Direct rotary handle (black)	EZAROTDS
Direct rotary handle (red/yellow)	EZAROTDSRY

Extended rotary handle (for 3/4P breaker)



Db100833.eps

Extended rotary handle (black)	EZAROTE
Extended rotary handle (red/yellow)	EZAROTERY

Locks

Padlocking system

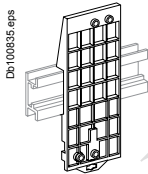


Db100834.eps

Padlocking system	EZALOCK
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Installation accessory

DIN rail adaptor

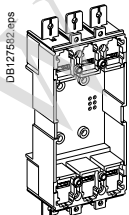


Db100835.eps

For 2 x 1P or 1 x 2P or 1 x 3P breaker	EZADINR
Note: for 4P breaker, use 2 adaptors	

Plug-in

Plug-in 100 A



Db17502.eps

Kit, plug-in base 3P 15 A-50 A	EZAPLUG3L
Kit, plug-in base 3P 60 A-100 A	EZAPLUG3H
Fishbone connectors set of 3	EZAFSHB3
Plug-in connectors 15 A-50 A set of 2	EZAPCON1L
Plug-in connectors 60 A-100 A set of 2	EZAPCON1H

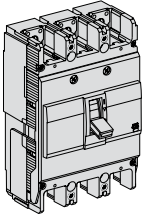
EZC250F/N/H 2P/3P

Circuit breaker

EasyPact EZC250F 3P 18 kA 400/415 V

With thermal magnetic trip unit

DB111751.eps

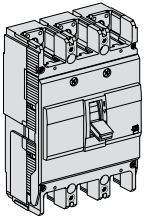


Rating	3P 3t
100 A	EZC250F3100
125 A	EZC250F3125
150 A	EZC250F3150
160 A	EZC250F3160
175 A	EZC250F3175
200 A	EZC250F3200
225 A	EZC250F3225
250 A	EZC250F3250

EasyPact EZC250N 3P 25 kA 400/415 V

With thermal magnetic trip unit

DB111751.eps

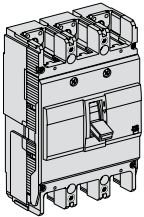


Rating	3P 3t
100 A	EZC250N3100
125 A	EZC250N3125
150 A	EZC250N3150
160 A	EZC250N3160
175 A	EZC250N3175
200 A	EZC250N3200
225 A	EZC250N3225
250 A	EZC250N3250

EasyPact EZC250H 2/3P 36 kA 400/415 V

With thermal magnetic trip unit

DB111751.eps



Rating	2P 2t	3P 3t
100 A	EZC250H2100	EZC250H3100
125 A	EZC250H2125	EZC250H3125
150 A	EZC250H2150	EZC250H3150
160 A	EZC250H2160	EZC250H3160
175 A	EZC250H2175	EZC250H3175
200 A	EZC250H2200	EZC250H3200
225 A	EZC250H2225	EZC250H3225
250 A	EZC250H2250	EZC250H3250

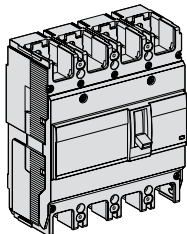
EZC250N/H 4P

Circuit breaker

EasyPact EZC250N 4P 25 kA 400/415 V

With thermal magnetic trip unit

DB111686.eps

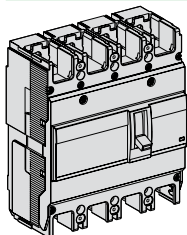


Rating	4P 3t	4P 4t
63 A	EZC250N4063	EZC250N44063
80 A	EZC250N4080	EZC250N44080
100 A	EZC250N4100	EZC250N44100
125 A	EZC250N4125	EZC250N44125
150 A	EZC250N4150	EZC250N44150
160 A	EZC250N4160	EZC250N44160
175 A	EZC250N4175	EZC250N44175
200 A	EZC250N4200	EZC250N44200
225 A	EZC250N4225	EZC250N44225
250 A	EZC250N4250	EZC250N44250

EasyPact EZC250H 4P 36 kA 400/415 V

With thermal magnetic trip unit

DB111686.eps



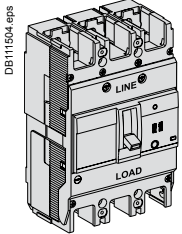
Rating	4P 3t	4P 4t
63 A	EZC250H4063	EZC250H44063
80 A	EZC250H4080	EZC250H44080
100 A	EZC250H4100	EZC250H44100
125 A	EZC250H4125	EZC250H44125
150 A	EZC250H4150	EZC250H44150
160 A	EZC250H4160	EZC250H44160
175 A	EZC250H4175	EZC250H44175
200 A	EZC250H4200	EZC250H44200
225 A	EZC250H4225	EZC250H44225
250 A	EZC250H4250	EZC250H44250

EZCV250N/H 3P/4P

Earth-leakage circuit breaker

EasyPact EZCV250N 3P 25 kA 400/415 V

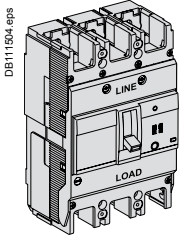
With thermal magnetic trip unit and earth leakage protection



Rating	3P 3t
63 A	EZCV250N3063
80 A	EZCV250N3080
100 A	EZCV250N3100
125 A	EZCV250N3125
150 A	EZCV250N3150
160 A	EZCV250N3160
175 A	EZCV250N3175
200 A	EZCV250N3200
225 A	EZCV250N3225
250 A	EZCV250N3250

EasyPact EZCV250H 3P 36 kA 400/415 V

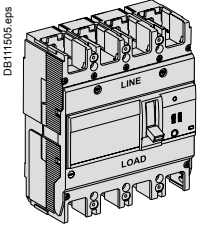
With thermal magnetic trip unit and earth leakage protection



Rating	3P 3t
63 A	EZCV250H3063
80 A	EZCV250H3080
100 A	EZCV250H3100
125 A	EZCV250H3125
150 A	EZCV250H3150
160 A	EZCV250H3160
175 A	EZCV250H3175
200 A	EZCV250H3200
225 A	EZCV250H3225
250 A	EZCV250H3250

EasyPact EZCV250N 4P 25 kA 400/415 V

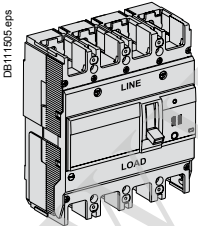
With thermal magnetic trip unit and earth leakage protection



Rating	4P 3t	4P 4t
63 A	EZCV250N4063	EZCV250N44063
80 A	EZCV250N4080	EZCV250N44080
100 A	EZCV250N4100	EZCV250N44100
125 A	EZCV250N4125	EZCV250N44125
150 A	EZCV250N4150	EZCV250N44150
160 A	EZCV250N4160	EZCV250N44160
175 A	EZCV250N4175	EZCV250N44175
200 A	EZCV250N4200	EZCV250N44200
225 A	EZCV250N4225	EZCV250N44225
250 A	EZCV250N4250	-

EasyPact EZCV250H 4P 36 kA 400/415 V


With thermal magnetic trip unit and earth leakage protection



Rating	4P 3t	4P 4t
63 A	EZCV250H4063	EZCV250H44063
80 A	EZCV250H4080	EZCV250H44080
100 A	EZCV250H4100	EZCV250H44100
125 A	EZCV250H4125	EZCV250H44125
150 A	EZCV250H4150	EZCV250H44150
160 A	EZCV250H4160	EZCV250H44160
175 A	EZCV250H4175	EZCV250H44175
200 A	EZCV250H4200	EZCV250H44200
225 A	EZCV250H4225	EZCV250H44225
250 A	EZCV250H4250	-

Connection accessories


Cable lugs

 DB10209.eps	250 A	Cables from 42 to 152 mm ²	Set of 3	EZELUG2503
			Set of 4	EZELUG2504

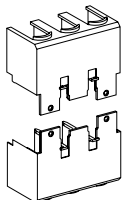
Terminal extensions

 DB11752.eps	Terminal extension for 3P breaker		Set of 3	EZETEX
	Terminal extension for 4P breaker		Set of 4	EZETEX4P

Spreaders

 DB11674.eps	Spreaders for 3P breaker		Set of 3	EZESPDR3P
	Spreaders for 4P breaker		Set of 4	EZESPDR4P

Terminal shields





 DB105210.eps	Terminal shields for 3P breaker (60 mm depth)		Set of 2	EZETSHD3P
	Terminal shields for 3P breaker (68 mm depth)		Set of 2	EZETSHD3PN
	Terminal shields for 4P breaker (68 mm depth)		Set of 2	EZETSHD4PN

Phase barriers

 DB105211.eps	Phase barriers for 60 mm depth		Set of 2	EZEFASB2
	Phase barriers for 68 mm depth		Set of 3	EZEFASB3N

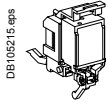
Electrical auxiliaries

Indication contacts

 DB10212.eps	Auxiliary switch (AX)			EZEAX
 DB105213.eps	Alarm switch (AL)			EZEAL
 DB10214.eps	Auxiliary switch + alarm switch (AX + AL)			EZEAXAL
 DB11687.eps	Earth-leakage alarm switch (ALV) (only for EZCV250)			EZEALV

Electrical auxiliaries (cont.)

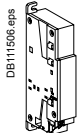
Voltage releases



DB105215.eps

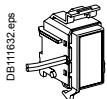
Shunt trip (SHT)

	Voltage	MX/SHT
AC	100-120 V	EZESHT100AC
	120-130 V	EZESHT120AC
	200-240 V	EZESHT200AC
	277 V	EZESHT277AC
	380-440 V	EZESHT400AC
DC	440-480 V	EZESHT440AC
	24 V	EZESHT024DC
	48 V	EZESHT048DC



DB110506.eps

(UVR)



DB111632.eps

(UVRN)

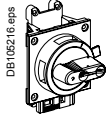
Under voltage release

	Voltage	MN/UVR	MN/UVR ⁽¹⁾
AC	110-130 V	EZEUVR110AC	EZEUVRN110AC
	200-240 V	EZEUVR200AC	EZEUVRN200AC
	277 V	EZEUVR277AC	EZEUVRN277AC
	380-415 V	EZEUVR400AC	EZEUVRN400AC
	440-480 V	EZEUVR440AC	EZEUVRN440AC
DC	24 V	EZEUVR024DC	EZEUVRN024DC
	48 V	EZEUVR048DC	EZEUVRN048DC
	125 V	EZEUVR125DC	EZEUVRN125DC

(1) Only EZC250-4P and EZCV250-3/4P

Rotary handles

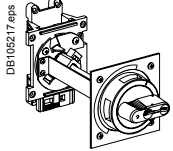
Direct rotary handle



DB105216.eps

Direct rotary handle (black)	EZEROTDS
Direct rotary handle (red/yellow)	EZEROTDSRY

Extended rotary handle



DB105217.eps

Extended rotary handle (black)	EZEROTE
Extended rotary handle (red/yellow)	EZEROTERY

Locks

Padlocking system

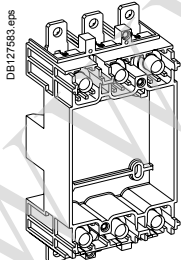


DB105218.eps

Padlocking system for EZC250-3P	EZELOCK
Padlocking system for EZC250-4P and EZCV250-3/4P	EZELOCKN

Plug-in

Plug-in 250 A



DB127593.eps

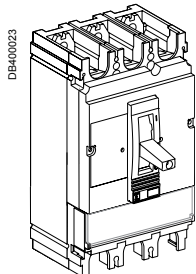
Kit, plug-in base 3P 100 A-250 A 60 mm breaker	EZEPLUG3L
Kit, plug-in base 3P 100 A-250 A 68 mm breaker	EZEPLUG3H
Kit, plug-in base 4P 100 A-250 A 68 mm breaker	EZEPLUG4
Kit, plug-in connectors 100 A-250 A set of 2	EZEPCON1

EZC400N/H 3P/4P

Circuit breaker

EasyPact EZC400N 3P 36 kA 400/415 V

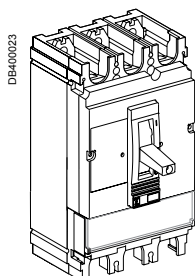
With thermal magnetic trip unit



Rating	3P 3t
320 A	EZC400N3320N
350 A	EZC400N3350N
400 A	EZC400N3400N

EasyPact EZC400H 3P 50 kA 400/415 V

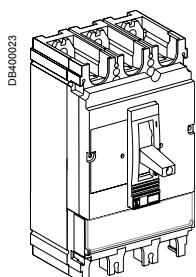
With thermal magnetic trip unit



Rating	3P 3t
320 A	EZC400H3320N
350 A	EZC400H3350N
400 A	EZC400H3400N

EasyPact EZC400N 4P 36 kA 400/415 V

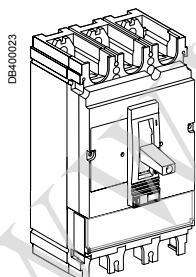
With thermal magnetic trip unit



Rating	4P 3t	4P 4t
320 A	EZC400N4320N	EZC400N44320N
350 A	EZC400N4350N	EZC400N44350N
400 A	EZC400N4400N	EZC400N44400N

EasyPact EZC400H 4P 50 kA 400/415 V

With thermal magnetic trip unit



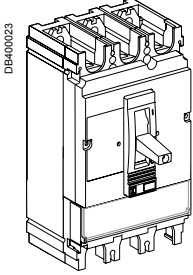
Rating	4P 3t	4P 4t
320 A	EZC400H4320N	EZC400H44320N
350 A	EZC400H4350N	EZC400H44350N
400 A	EZC400H4400N	EZC400H44400N

EZC630N/H 3P/4P

Circuit breaker

EasyPact EZC630N 3P 36 kA 400/415 V

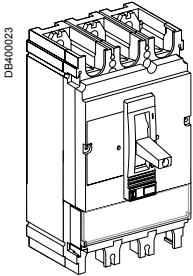
With thermal magnetic trip unit



Rating	3P 3t
400 A	EZC630N3400N
500 A	EZC630N3500N
600 A	EZC630N3600N

EasyPact EZC630H 3P 50 kA 400/415 V

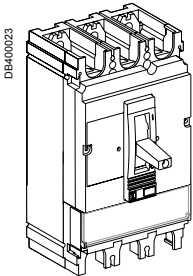
With thermal magnetic trip unit



Rating	3P 3t
400 A	EZC630H3400N
500 A	EZC630H3500N
600 A	EZC630H3600N

EasyPact EZC630N 4P 36 kA 400/415 V

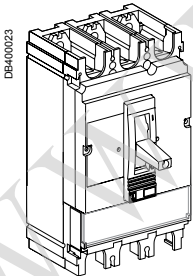
With thermal magnetic trip unit



Rating	4P 3t	4P 4t
400 A	EZC630N4400N	EZC630N44400N
500 A	EZC630N4500N	EZC630N44500N
600 A	EZC630N4600N	EZC630N44600N

EasyPact EZC630H 4P 50 kA 400/415 V

With thermal magnetic trip unit



Rating	4P 3t	4P 4t
400 A	EZC630H4400N	EZC630H44400N
500 A	EZC630H4500N	EZC630H44500N
600 A	EZC630H4600N	EZC630H44600N

Connection accessories (Cu or Al)

Rear connections

DB11225



2 short	LV432475
2 long	LV432476

Cable connectors ⁽¹⁾

EZ2040



Aluminium connector 1x (35 to 300 mm ²)	Set of 3	LV432479
	Set of 4	LV432480

EZ2041



Aluminium connector 2x (35 to 240 mm ²)	Set of 3	LV432481
	Set of 4	LV432482

Voltage plug for aluminium connector 1 or 2 cables	Set of 10	LV429348
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Terminal extension ⁽¹⁾

E21276



Right-angle terminal extension	Set of 3	LV432484
	Set of 4	LV432485

E21276



Edgewise terminal extensions	Set of 3	LV432486
	Set of 4	LV432487

E21012



Spreaders	52.5 mm	3P	LV432490
		4P	LV432491
	70 mm	3P	LV432492
		4P	LV432493

Crimp lugs for copper cable ⁽¹⁾

E18602



For cable 240 mm ²	Set of 3	LV432500
	Set of 4	LV432501
For cable 300 mm ²	Set of 3	LV432502
	Set of 4	LV432503

Supplied with 2 (or 3) interphase barriers

Crimp lugs for aluminium cable ⁽¹⁾

E30508



For cable 240 mm ²	Set of 3	LV432504
	Set of 4	LV432505
For cable 300 mm ²	Set of 3	LV432506
	Set of 4	LV432507

Supplied with 2 (or 3) interphase barriers

Insulation accessories

E18619



Short terminal shield, 45 mm (1 piece)	3P	LV432591
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Long terminal shield, 45 mm (1 piece)	4P	LV432592
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Interphase barriers	3P	LV432593
	4P	LV432594

Long terminal shielded for spreaders, 52,5mm (1 piece) (supplied with insulating plate)	Set of 6	LV432570
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2 insulating screens (70 mm pitch)	3P	LV432595
	4P	LV432596

	3P	LV432578
	4P	LV432579

⁽¹⁾ supplied with 2 or 3 interphase barriers

EZC400/630N/H (cont.)


Accessories(cont.)

Electrical auxiliaries

Auxiliary contacts (changeover)

E18608		OF or SD or SDE or SDV	29450
		OF or SD or SDE or SDV low level	29452
		SDE adaptor mandatory for trip unit TM	LV540050

Voltage releases

E18609			Voltage	MX	MN
		AC	24 V 50/60 Hz	LV429384	LV429404
			48 V 50/60 Hz	LV429385	LV429405
			110-130 V 50/60 Hz	LV429386	LV429406
			220-240 V 50/60 Hz and 208-277 V 60 Hz	LV429387	LV429407
			380-415 V 50 Hz and 440-480 V 60 Hz	LV429388	LV429408
			DC	Voltage	
		12 V		LV429382	LV429402
		24 V		LV429390	LV429410
		30 V		LV429391	LV429411
		48 V		LV429392	LV429412
		60 V		LV429383	LV429403
		125 V		LV429393	LV429413
		250 V		LV429394	LV429414
		MN 48 V 50/60 Hz with fixed time delay			
		Composed of:		MN 48 V DC	LV429412
				Delay unit 48 V 50/60 Hz	LV429426
		MN 220-240 V 50/60 Hz with fixed time delay			
		Composed of:		MN 250 V DC	LV429414
				Delay unit 220-240 V 50/60 Hz	LV429427
		MN 48 V DC/AC 50/60 Hz with adjustable time delay			
		Composed of:	MN 48 V DC	LV429412	
			Delay unit 48 V 50/60 Hz	33680	
		MN 110-130 V DC/AC 50/60 Hz with adjustable time delay			
		Composed of:	MN 125 V DC	LV429413	
	Delay unit 110-130 V 50/60 Hz	33681			
MN 220-250 V 50/60 Hz with adjustable time delay					
Composed of:	MN 250 V DC	LV429414			
	Delay unit 220-250 V 50/60 Hz	33682			

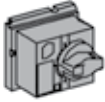
Rotary handle

Direct rotary handle

Standard black handle

LV432597

E18611

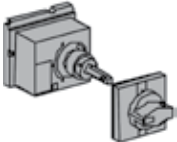


Extended rotary handle

Standard extended rotary handle

LV432598

E18612



Locks

Toggle locking device for 1 to 3 padlocks

By removable device

29370

E18621



By fixed device

32631

E18613



Locking of the rotary handle

Keylock adaptor (keylock not included)

LV432604

Keylock (keylock adaptor not included)

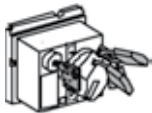
Ronis 1351B.500

41940

Profalux KS5 B24 D4Z

42888

E18620

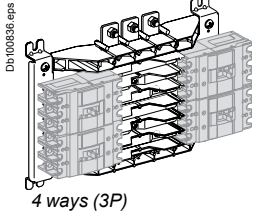


EasyPact EZC Busbar

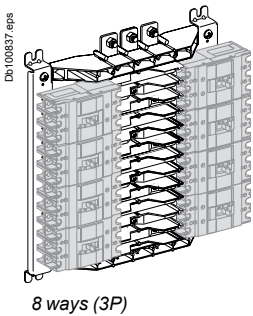
Type-tested solution IEC 60439

Main Busbar

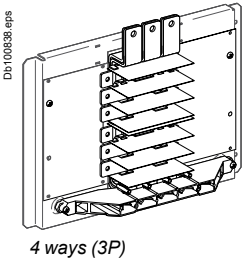
Main Busbar (EasyPact EZC 100/3P)



	250 A	400 A	630 A
4 ways	EZB250W04	EZB400W04	EZB630W04
6 ways	EZB250W06	EZB400W06	EZB630W06
8 ways	EZB250W08	EZB400W08	EZB630W08
10 ways	EZB250W10	EZB400W10	EZB630W10
12 ways	EZB250W12	EZB400W12	EZB630W12



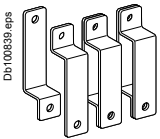
Branch extension (EasyPact EZC/Compact NSX/NB)



2 ways	EZBNS2
4 ways	EZBNS4

Main incoming connections (EasyPact EZC/Compact NSX/NB)

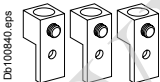
Main connectors



	250 A	400 A	630 A
Main connectors	EZB250MCNS	EZB400MCNS	EZB630MCNS

To connect the main incomer to EasyPact EZC busbar (EasyPact EZC/Compact NSX/NB or INS switch)

Mechanical lugs



	250 A	400 A	630 A
Incoming cable size	16-150 mm ²	35-300 mm ²	25-240 mm ² 2 cables per phase
Lug kit for bare incoming cables	EZB250MLUG	EZB400MLUG	EZB630MLUG

Connector caps



Connector caps for 100 A out goings	Set of 3	EZB100CAP
Connector caps for 250 A out goings	Set of 3	EZB250CAP

To isolate connections when branch breaker not installed

Notes

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