



# Low Voltage Distribution Boards ECO

Power and productivity  
for a better world™



# Distribution Boards

## ECO Range

### Features



- Attractive design suitable for either flush or surface mounting.
- Slim and optimised dimensions without compromising internal wiring space.
- Simple and easy installation.



- ECO comes complete with a wide range of accessories including top & bottom extension boxes and flange plates with knockouts, additional earth and neutral bars.



- Unique product packing allows for reduced storage and shipping costs.
- Reduced installation times as the top cover & the door are packed upside down within the enclosure. Removal of fixing screws for the cover & the door is not necessary.



# Distribution Boards

## ECO Range

### Ordering Details



1SKC 016 001 F0001



1SKC 016 002 F0001



1SKC 016 003 F0001



1SKC 016 004 F0001



1SKC 016 005 F0001



1SKC 016 006 F0001



1SKC 016 007 F0001

#### Technical Data

Standard : IEC 439- 3 & BS 60439 part 1 & 3  
 Degree of protection : IP 41  
 Enclosure material : Cold rolled sheet steel  
 Enclosure finish : Grey, RAL 7035  
 Flush or surface mounting.

**Multi row type**  
 Max. load : 100 A  
 Max. voltage : 230 / 400 V AC, 50 / 60 Hz  
 Range : 28, 42 and 56 modules  
 2, 3 and 4 rows

**Busbar type**  
 Max. load : 160 A  
 Max. voltage : 230 / 400 V AC, 50 / 60 Hz  
 Range : 4, 6, 8 and 12 TP&N ways  
 12, 18, 24 and 36 SP&N ways  
 Fault level : 35 kA

#### Multi row type distribution boards

No. of rows	No. of modules	Dimensions H x W x D mm	Ordering details		Weight kg
			Type Code	Type No.	
2	28	530 x 420 x 100	ELA 228	1SKL 228 342 C0001	10.6
3	42	680 x 420 x 100	ELA 342	1SKL 342 342 C0001	13.0
4	56	830 x 420 x 100	ELA 456	1SKL 456 342 C0001	17.0

Supplied without incoming device, outgoing protection devices and earth + neutral bars.

#### TP + N busbar type distribution boards \*

No. of ways	Dimensions H x W x D mm	Ordering details		Weight kg
		Type Code	Type No.	
4	530 x 420 x 100	ELB 304	1SKL 704 342 C0001	10.6
6	585 x 420 x 100	ELB 306	1SKL 706 342 C0001	11.8
8	640 x 420 x 100	ELB 308	1SKL 708 342 C0001	12.8
12	747 x 420 x 100	ELB 312	1SKL 712 342 C0001	14.0

\* Complete with neutral and earth bars.

\* Supplied without incoming device or outgoing protection devices.

\* The DB is delivered ready to accept a 100 amp E203 3 pole isolator. For other incomer options, please select the appropriate kit.

### Incoming connection kits for TP + N busbar type distribution boards

#### MCCB Incoming kit

Kit No.	Incoming Device	Ordering details		Weight kg
		Type Code	Type No.	
1	T max T1	ELB KIT 1-T1C	1SKA 141 000 C1011	0.3

#### RCCB Incoming kit

Kit No.	Incoming Device	Ordering details		Weight kg
		Type Code	Type No.	
2	4 pole RCCB F 200 series (F204 / 100)	ELB KIT 2C	1SKA 142 000 C1011	0.12

#### Direct cable connection kit (70 mm)

Kit No.	Incoming Device	Ordering details		Weight kg
		Type Code	Type No.	
4	70 mm direct	ELB KIT 4C	1SKA 144 000 C1011	0.2

#### Single phase conversion kit

Kit No.	Ordering details		Weight kg
	Type Code	Type No.	
6	ELB KIT 6C	1SKA 146 000 C1011	0.16

# Distribution boards

## Accessories for ECO Range

### Ordering details



#### Flange plates

Description	Ordering details		Weight kg
	Type Code	Type No.	
Flange plate blank	ELAB GP1	1SKA 130 002 C1001	0.3
Flange plate with knock-outs	ELAB GP2	1SKA 131 002 C1001	0.3

#### Top extension boxes.

Type	Dimensions H x W x D mm	Ordering details		Weight kg
		Type Code	Type No.	
Steel flap (14 module)	220 x 420 x 100	ELA 200S EXB	1SKA 259 042 C0001	4.5

#### Top/bottom extension boxes.

Type	Dimensions H x W x D mm	Ordering details		Weight kg
		Type Code	Type No.	
Plain cover	220 x 420 x 100	ELA 200 EXB	1SKA 258 042 C0001	4.5

#### Terminal Shroud

Description	Ordering details		Weight kg
	Type Code	Type No.	
Terminal shroud	MTSH-C	1SKA 136 000 C0001	0.10

### Accessories for TP + N busbar type distribution boards

#### Neutral terminal bar (One unit supplied as standard in the distribution board)

Description	Ordering details		Weight kg
	Type Code	Type No.	
N-bar 9 holes complete with screws & shield cover 4 way	NTB - 04 W	1SKP 011 911 R0001	0.12
N-bar 13 holes complete with screws & shield cover 6 way	NTB - 06 W	1SKP 011 911 R0002	0.14
N-bar 17 holes complete with screws & shield cover 8 way	NTB - 08 W	1SKP 011 911 R0003	0.16
N-bar 21 holes complete with screws & shield cover 12 way	NTB - 12 W	1SKP 011 911 R0004	0.18

#### Earth terminal bar (One unit supplied as standard in the distribution board)

Description	Ordering details		Weight kg
	Type Code	Type No.	
PE-bar 9 holes complete with screws 4 way	PETB - 04 W	1SKP 011 914 R0001	0.08
PE-bar 13 holes complete with screws 6 way	PETB - 06 W	1SKP 011 914 R0002	0.1
PE-bar 17 holes complete with screws 8 way	PETB - 08 W	1SKP 011 914 R0003	0.12
PE-bar 21 holes complete with screws 12 way	PETB - 12 W	1SKP 011 914 R0004	0.14

#### Busbar terminal cover

Description	Ordering details		Weight kg
	Type Code	Type No.	
Busbar terminal cover used to cover unused outgoing busbar terminals supplied in a strip of 5 pieces.	SZ-BSK1	2CDL 200 001 R0011	0.003

### Accessories for multi row type a distribution boards

#### Neutral terminal bar (Not supplied as standard in the distribution board)

Description	Ordering details		Weight kg
	Type Code	Type No.	
N-bar complete with U type cable terminal - 2 row	NTB - 02 R	1SKM 021 911 R0002	0.16
N-bar complete with U type cable terminal - 3 row	NTB - 03 R	1SKM 021 911 R0003	0.28
N-bar complete with U type cable terminal - 4 row	NTB - 04 R	1SKM 021 911 R0004	0.32

#### Earth terminal bar (Not supplied as standard in the distribution board)

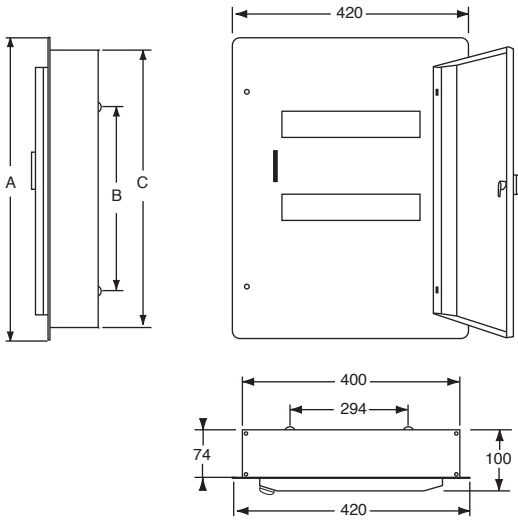
Description	Ordering details		Weight kg
	Type Code	Type No.	
PE-bar 19 holes complete with screws and cable terminal - 2 row	PETB - 02 R	1SKM 021 914 R0002	0.12
PE-bar 32 holes complete with screws and cable terminal - 3 row	PETB - 03 R	1SKM 021 914 R0003	0.19
PE-bar 51 holes complete with screws and cable terminal - 4 row	PETB - 04 R	1SKM 021 914 R0004	0.23

# Distribution Boards

## ECO Range

### Dimensional Details

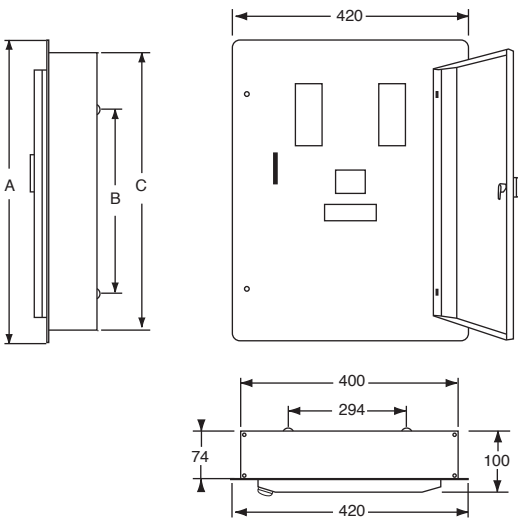
#### Multi row type distribution boards



Type Code	No. of rows	A (mm)	B (mm)	C (mm)
ELA 228	2	530	332	500
ELA 342	3	680	482	650
ELA 456	4	830	632	800

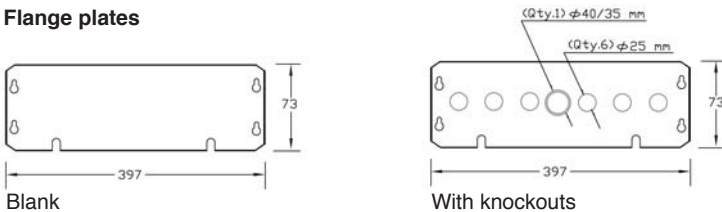
\* Dimension B and the dimension of 294 are related to the back box fixing centers

#### TP + N busbar type distribution boards

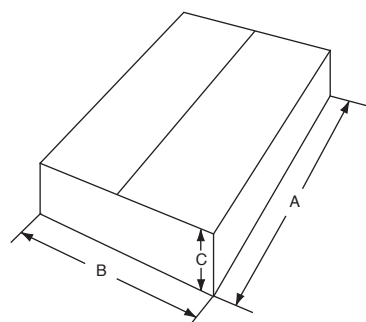


Type Code	No. of ways	A (mm)	B (mm)	C (mm)
ELB 304	4	530	332	500
ELB 306	6	585	388	556
ELB 308	8	640	442	610
ELB 312	12	747	550	718

#### Flange plates



#### Packed units



Type Code	No. of pcs/pack	A (mm)	B (mm)	C (mm)
ELA 228	2	545	435	175
ELA 342	2	695	435	175
ELA 456	2	845	435	175
ELB 304	2	545	435	175
ELB 306	2	600	435	175
ELB 308	2	655	435	175
ELB 312	2	760	435	175

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