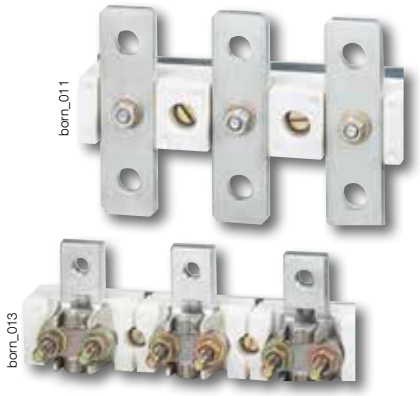


Power terminals

Distribution





The solution for

> Electrical distribution



Conformity to standards

> IEC 61439-1
> DIN 46206

Function

SOCOMEC **power terminals** ensure the connection of power circuits.
They comprise fixed connector terminals mounted on insulation brackets.

Characteristics

General characteristics

- Tin-plated aluminium terminals.
- High dielectric strength.
- High mechanical resistance.
- High resistance to damp heat (supplied “tropicalised”).

Composition of the range

- 6 terminal models, 250 to 630 A, with 3 and 4 poles.
- 2 methods of connection:
  - with lugs,
  - with cable clamps.
- Accessories: inter-phase screen, front cover to protect against unintentional contact.

Terminal type 0

- 3 different 4-pole ratings
- Connection:
  - top by lugs,
  - bottom by plug-in lugs or direct cable connection with cable clamps.
- Inter-phase screens included.

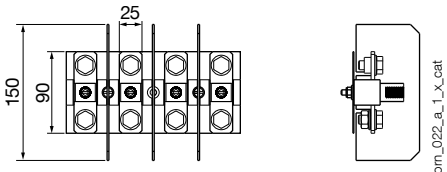
Type 0

References

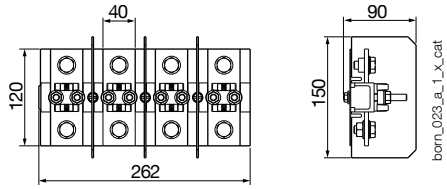
I_{max} (A)	Top connections by	Bottom connections by	No. of poles	Reference
250	Lugs	Lugs or cable clamps	4 P	4501 **0034**
400	Lugs	Lugs or cable clamps	4 P	4503 **0034**
630	Lugs	Lugs or cable clamps	4 P	4502 **0034**

Dimensions

250 A



400-630 A



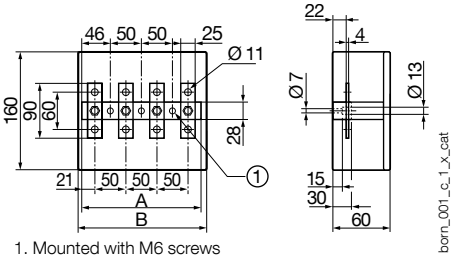
Type 1

References

I_{max} (A)	Top connections by	Bottom connections by	No. of poles	A (mm)	B (mm)	Reference
250	Lugs	Lugs	3 P	142	151	4501 **0003**(1)
250	Lugs	Lugs	4 P	192	201	4501 **0004**(1)

(1) Terminal comes without protective cover.

Dimensions



1. Mounted with M6 screws

socomec Innovative Power Solutions

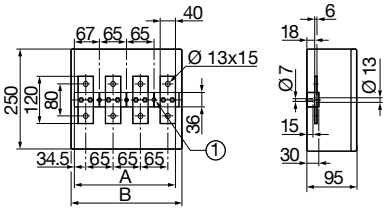
Type 2

References

I_{max} (A)	Top connections by	Bottom connections by	No. of poles	A (mm)	B (mm)	Reference
630	Lugs	Lugs	3 P	197	206	4502 **0003**(1)
630	Lugs	Lugs	4 P	262	271	4502 **0004**(1)

(1) Terminal comes without protective cover.

Dimensions



born_002_b_1_x_cat

1. Mounted with M6 screws

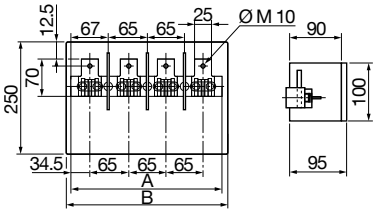
Type 3

References

I_{max} (A)	Top connections by	Bottom connections by	No. of poles	A (mm)	B (mm)	Reference
400	Lugs	Cable clamps(1)	3 P	197	206	4503 **0003**(2)
400	Lugs	Cable clamps(1)	4 P	262	271	4503 **0004**(2)

(1) 185 mm² cable clamps included.
(2) Terminal comes without protective cover.

Dimensions



born_003_c_1_x_cat

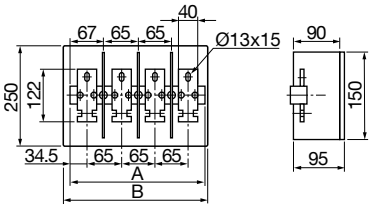
Type 4

References

I_{max} (A)	Top connections by	Bottom connections by	No. of poles	A (mm)	B (mm)	Reference
500	Lugs	Cable clamps(1)	3 P	197	206	4504 **0003**(2)
500	Lugs	Cable clamps(1)	4 P	262	271	4504 **0004**(2)

(1) 240 mm² cable clamps not included.
(2) Terminal comes without protective cover.

Dimensions



born_004_c_1_x_cat

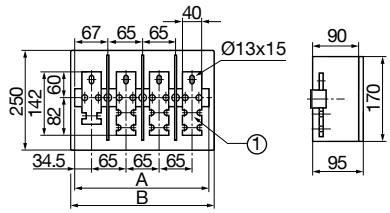
Type 5

References

I_{max} (A)	Top connections by	Bottom connections by	No. of poles	A (mm)	B (mm)	Reference
630	Lugs	Cable clamps(1)	3 P	197	206	4505 **0003**(2)
630	Lugs	Cable clamps(1)	4 P	262	271	4505 **0004**(2)

(1) 300 mm² cable clamps not included.
(2) Terminal comes without protective cover.

Dimensions



born_005_b_1_x_cat

1. For 300 mm cable clamps²

Common accessories

References

Accessories	No. of poles	Terminal	Reference
Protective cover	3 P	Type 1	4501 **1003**
Protective cover	4 P	Type 1	4501 **1004**
Protective cover	3 P	Type 2, 3, 4, 5	4502 **1003**
Protective cover	4 P	Type 2, 3, 4, 5	4502 **1004**
Inter-phase screen	3 / 4 P	Type 3	4500 **0106**
Inter-phase screen	3 / 4 P	Type 2, 4	4500 **0107**
Inter-phase screen	3 / 4 P	Type 5	4500 **0108**