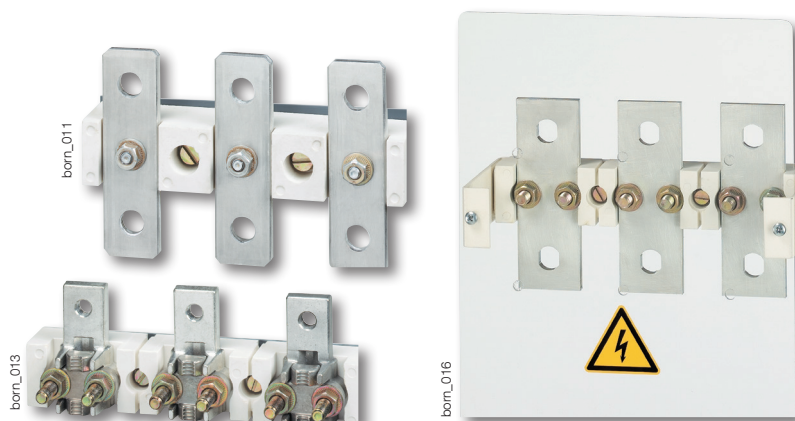


# Power terminals

## Distribution system



### The solution for

- > Electrical distribution



### Conformity to standards

- > IEC 61439-1
- > DIN 46206



## Function

SOCOME power terminals connect power circuits. They are made up of connection terminals fixed on insulating supports.

## Characteristics

### General characteristics

- Tin-plated aluminium plates.
- High dielectric strength.
- High mechanical resistance.
- High resistance to damp heat (supplied 'tropicalised').

### Included in the range

- 6 terminal block models, 250 to 630 A, in 3 and 4 poles.
- 2 connection modes:
  - by lugs,
  - by cable clamps.
- Accessories: interphase barriers, front protection screen for protection against accidental contact.

### Type 0 terminal block

- 3 different 4-pole ratings
- Connection:
  - upstream by lugs
  - downstream by lugs on crimped insert or directly by cables on cable clamps
- Inter-phase screens included

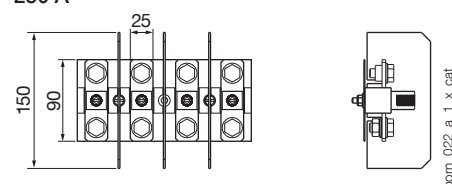
## Type 0

### References

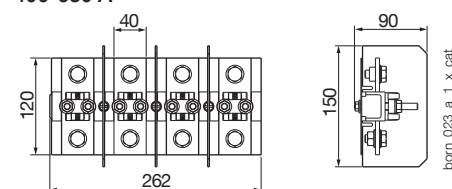
| $I_{max}$ (A) | Incoming connections by | Outgoing connections by | No. of poles | Reference |
|---------------|-------------------------|-------------------------|--------------|-----------|
| 250           | lugs                    | lugs or cable clamps    | 4 P          | 4501 0034 |
| 400           | 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



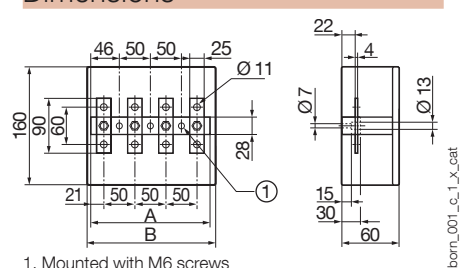
## Type 1

### References

| $I_{max}$ (A) | Incoming connections by | Outgoing connections by | No. of poles | A (mm) | B (mm) | Reference                |
|---------------|-------------------------|-------------------------|--------------|--------|--------|--------------------------|
| 250           | lugs                    | lugs                    | 3 P          | 142    | 151    | 4501 0003 <sup>(1)</sup> |
| 250           | lugs                    | lugs                    | 4 P          | 192    | 201    | 4501 0004 <sup>(1)</sup> |

(1) Terminal supplied without protective cover.

### Dimensions



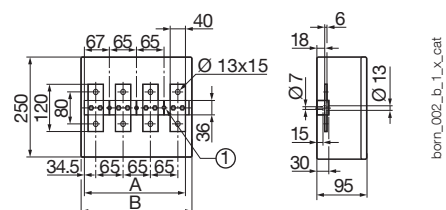
## Type 2

### References

| I <sub>max</sub> (A) | Incoming connections by | Outgoing connections by | No. of poles | A (mm) | B (mm) | Reference                |
|----------------------|-------------------------|-------------------------|--------------|--------|--------|--------------------------|
| 630                  | lugs                    | lugs                    | 3 P          | 197    | 206    | 4502 0003 <sup>(1)</sup> |
| 630                  | lugs                    | lugs                    | 4 P          | 262    | 271    | 4502 0004 <sup>(1)</sup> |

(1) Terminal supplied without protective cover.

### Dimensions



1. Mounted with M6 screws

## Type 3

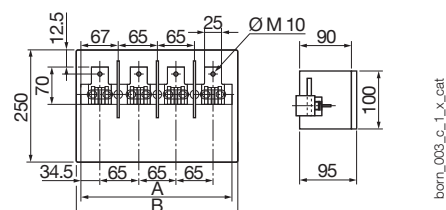
### References

| I <sub>max</sub> (A) | Incoming connections by | Outgoing connections by     | No. of poles | A (mm) | B (mm) | Reference                |
|----------------------|-------------------------|-----------------------------|--------------|--------|--------|--------------------------|
| 400                  | lugs                    | cable clamps <sup>(1)</sup> | 3 P          | 197    | 206    | 4503 0003 <sup>(2)</sup> |
| 400                  | lugs                    | cable clamps <sup>(1)</sup> | 4 P          | 262    | 271    | 4503 0004 <sup>(2)</sup> |

(1) 185 mm cable clamps<sup>2</sup> included.

(2) Terminal supplied without protective cover.

### Dimensions



## Type 4

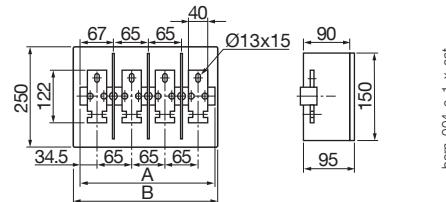
### References

| I <sub>max</sub> (A) | Incoming connections by | Outgoing connections by     | No. of poles | A (mm) | B (mm) | Reference                |
|----------------------|-------------------------|-----------------------------|--------------|--------|--------|--------------------------|
| 500                  | lugs                    | cable clamps <sup>(1)</sup> | 3 P          | 197    | 206    | 4504 0003 <sup>(2)</sup> |
| 500                  | lugs                    | cable clamps <sup>(1)</sup> | 4 P          | 262    | 271    | 4504 0004 <sup>(2)</sup> |

(1) 240 mm cable clamps<sup>2</sup> not included.

(2) Terminal supplied without protective cover.

### Dimensions



## Type 5

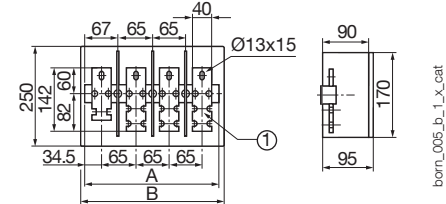
### References

| I <sub>max</sub> (A) | Incoming connections by | Outgoing connections by     | No. of poles | A (mm) | B (mm) | Reference                |
|----------------------|-------------------------|-----------------------------|--------------|--------|--------|--------------------------|
| 630                  | lugs                    | cable clamps <sup>(1)</sup> | 3 P          | 197    | 206    | 4505 0003 <sup>(2)</sup> |
| 630                  | lugs                    | cable clamps <sup>(1)</sup> | 4 P          | 262    | 271    | 4505 0004 <sup>(2)</sup> |

(1) 300-mm cable clamps<sup>2</sup> not included.

(2) Terminal supplied without protective cover.

### Dimensions



1. For 300 mm cable clamps<sup>2</sup>

## Common accessories

### References

| Accessories        | No. of poles | Terminal block  | 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 |