

Cable clamps and cage terminals

Distribution



⇒ Function

SOCOME power **cable clamps** ensure the connection of copper or aluminium cables onto plates or onto bars. Available in aluminium or tin-plated brass, they provide: increased mechanical resistance and high resistance to humidity (supplied "tropicalised").

SOCOME **cage terminals** are connection devices fixed onto the connection plates of SOCOME switches, changeover switches and fuse switches. They enable a direct terminal-free connection to the rigid copper and aluminium conductors and integration under the IP2 protective cover.

⇒ Composition of the range

Cable clamps

- 3 cross-section ranges from 35 to 300 mm²
- 2 cable clamp models with bracket mounting: single-double.

Cage terminals

- Ratings: From 160 to 630 A.
- Number of poles: 3 and 4.
- Material: tin-plated aluminium.

⇒ Conformity to standards

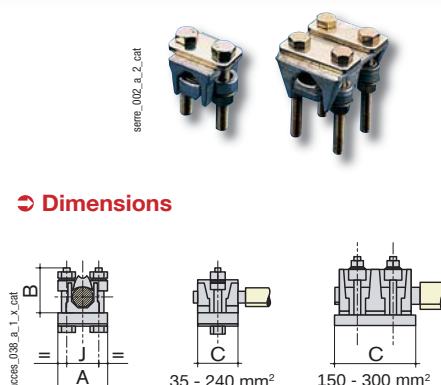
Cable clamps

- IEC 60439-1
- DIN 46206

Cage terminals

- IEC 60947-1 (if mounted to SOCOME devices)
- NF C 63-060
- NF C 63-062

⇒ Dimensions

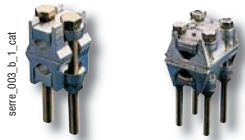


Single cable clamps

⇒ References

Tightening capacity (mm ²)	Ø maxi cabling (mm)	Corresponding power terminals	Reference
35 ... 185	17	Type 4	4500 0013
95 ... 240	20	Type 4	4500 0022
150 ... 300	25	Type 5	4500 0028

Tightening capacity (mm ²)	A	B	C	J
35 ... 185	42	48	35	26
95 ... 240	54	50	45	31.5
150 ... 300	53	50	60	33

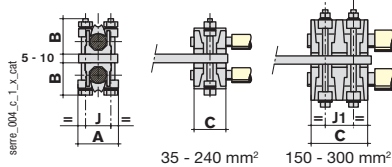


Double cable clamps

References

Tightening capacity (mm²)	Ø maxi cabling (mm)	Corresponding power terminals	Reference
35 ... 185	17	Type 4	4500 0031
95 ... 240	20	Type 4	4500 0032
150 ... 300	25	Type 5	4500 0034

Dimensions



Tightening capacity (mm²)	A	B	C	J	J ₁
35 ... 185	42	48	35	26	
95 ... 240	54	50	45	31.5	
150 ... 300	53	50	60	33	33

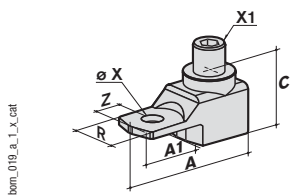


Single cage terminals

References

Tightening capacity (mm²)	Rating of switch (A)	No. of poles	Tightening torque (Nm)	Width flexible bar (mm)	Reference
16 ... 95	160	3 P	14	13	5400 3016
16 ... 95	160	4 P	14	13	5400 4016
16 ... 185	250	3 P	25	18	5400 3025
16 ... 185	250	4 P	25	18	5400 4025
50 ... 240	400	3 P	45	20	5400 3040
50 ... 240	400	4 P	45	20	5400 4040
70 ... 300	630	3 P	45	24	5400 3063
70 ... 300	630	4 P	45	24	5400 4063

Dimensions



Rating of switch (A)	A	A ₁	C	E	R	T	ØX	X ₁	Z
160	47.5	22.5	25	12	20	3.5	8.5	M12	10
250	62	31.5	31.5	16.5	25	2.5	10.5	M16	14
400	71.5	32	38	9	32	5	10.5	M20	15
630	76.5	37	38	9	40	5	12.5	M20	15

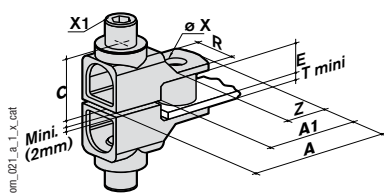


Double cage terminals

References

Tightening capacity (mm²)	Rating Switch (A)	No. of poles	Tightening torque (Nm)	Width flexible bar (mm)	Reference
16 ... 95	160	3 P	14	13	5400 3216
16 ... 95	160	4 P	14	13	5400 4216
16 ... 185	250	3 P	25	18	5400 3225
16 ... 185	250	4 P	25	18	5400 4225
50 ... 240	400	3 P	45	20	5400 3240
50 ... 240	400	4 P	45	20	5400 4240
70 ... 300	630	3 P	45	24	5400 3263
70 ... 300	630	4 P	45	24	5400 4263

Dimensions



Rating of switch (A)	A	A ₁	C	E	R	T	ØX	X ₁	Z
160	47.5	22.5	25	12	20	3.5	8.5	M12	10
250	62	31.5	31.5	16.5	25	2.5	10.5	M16	14
400	71.5	32	38	9	32	5	10.5	M20	15
630	76.5	37	38	9	40	5	12.5	M20	15