5. Connection

•Terminals

• Bimetallic crimp terminals

Features

- According to french standard
terminals with aluminum body welded by

Sectio (mm²)	ø Hol (mm)	Referen	Pric	Section (mm²)	ø Hol (mm)	Referen
16	10	C0AU-16	4,80	150	12	C2AU-150
25	10	C0AU-25	4,80	185	14	C4AU-185
35	10	C0AU-35	4,80	240	14	C4AU-240
50	12	C1AU-50	4,80	300	16	C5AU-300
70	12	C1AU-70	4,80	400	16	C5AU-400
95	12	C1AU-95	4,80	500	*	C6AU-500
120	12	C2AU-120	6,00	630	*	C6AU-630

*-A designar pelo cliente

•Crimp terminals tinned

Sectio (mm²)	Referen
50	CAB 50
70	CAB 70
95	CAB 95
120	CAB 120
150	CAB 150
185	CAB 185
240	CAB 240

•Massive tinned copper

Características

- Application in medium voltage
conductors

- Other

Sectio (mm²)	Referen
16	DT(B)-16
25	DT(B)-25
35	DT(B)-35
50	DT(B)-50
70	DT(B)-70
95	DT(B)-95
120	DT(B)-120
150	DT(B)-150
185	DT(B)-185
240	DT(B)-240
300	DT(B)-300

• TINNED ALUMINUM CRIMP TERMINALS L.V.

Features

- Terminals made from aluminum tube and stranded conductors solids
- Perfectly tinned
- Connect the driver with appropriate tool for understanding
- Filled anti-corrosive neutral mass of aluminum for connecting cables to the surface of aluminum or copper

Section (mm^2)	Ø Hole (mm)	Reference
16	6,2	CEA 16
25	8,4	CEA 25
35	10,5	CEA 35
50	10,5	CEA 50
70	13,0	CEA 70
95	13,0	CEA 95
120	13,0	CEA 120
150	13,0	CEA 150
185	13,0	CEA 185
240	17,0	CEA 240

• COPPER FERRULES

Features

- Copper tubular Terminals
- Perfectly tinned, with inspection hole
- Material: Electrolytic Copper

Section (mm^2)	Hole
1,5	M4
1,5	M5
1,5	M6
2,5	M4
2,5	M5
2,5	M6
2,5	M8
4,0	M4
4,0	M5
4,0	M6
4,0	M8
6,0	M5
6,0	M6
6,0	M8
6,0	M10
10,0	M5
10,0	M6
10,0	M8
10,0	M10
10,0	M12
16,0	M5
16,0	M6
16,0	M8
16,0	M10
16,0	M12

Section (mm^2)	Hole
25	M6
25	M8
25	M10
25	M12
35	M6
35	M8
35	M10
35	M12
35	M14
35	M16
50	M6
50	M8
50	M10
50	M12
50	M14
50	M16
70	M6
70	M8
70	M10
70	M12
70	M14
70	M16
95	M8
95	M10
95	M12

Section (mm^2)	Hole
95	M14
95	M16
120	M8
120	M10
120	M12
120	M14
120	M16
120	M20
150	M8
150	M10
150	M12
150	M14
150	M16
150	M20
185	M10
185	M12

Section (mm^2)	Hole
185	M14
185	M16
185	M20
240	M10
240	M12
240	M14
240	M16
240	M20
300	-
400	-
500	-
630	-
800	-
1000	-

• TERMINALS IN ALIMINUM SECTOR

Features

- Sector 90 - 4 conductors
- Perfectly tinned by electronic process
- For connecting a conductor aluminum surfaces of aluminum or copper
- Spiking punçonada

Section (mm²)	Hole	Reference
16	M6	YA 016 A4-6TN
16	M10	YA 016 A4-10TN
25	M6	YA 025 A4-6TN
25	M10	YA 025 A4-10TN
35	M6	YA 035 A4-6TN
35	M10	YA 035 A4-10TN
50	M10	YA 050 A4-10TN
50	M12	YA 050 A4-12TN
70	M10	YA 070 A4-10TN
70	M12	YA 070 A4-12TN
95	M10	YA 095 A4-10TN
95	M12	YA 095 A4-12TN
95	M16	YA 095 A4-16TN

Section (mm²)	Hole	Reference
120	M10	YA 120 A4-10TN
120	M12	YA 120 A4-12TN
120	M16	YA 120 A4-16TN
150	M10	YA 150 A4-10TN
150	M12	YA 150 A4-12TN
150	M16	YA 150 A4-16TN
185	M12	YA 185 A4-12TN
185	M16	YA 185 A4-16TN
240	M12	YA 240 A4-12TN
240	M16	YA 240 A4-16TN

• REDUCTION BIMETALLIC L.V JUNCTION

• REDUCTION BIMETALLIC L.V JUNCTION

Features

- Connection between AL and CU with different sections or equal
- Other sizes available on request

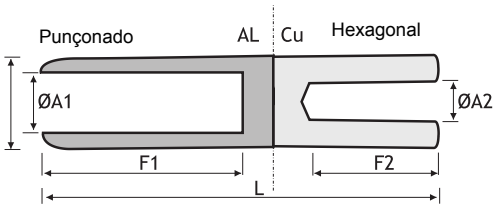
AL (mm²)	CU (mm²)	Reference
16	10	MJBAC 16/10
25	10	MJBAC 25/10
25	16	MJBAC 25/16
35	16	MJBAC 35/16
35	25	MJBAC 35/25
50	16	MJBAC 50/16
50	25	MJBAC 50/25
50	35	MJBAC 50/35
50	50	MJBAC 50/50
70	35	MJBAC 70/35
70	50	MJBAC 70/50
70	70	MJBAC 70/70

AL (mm²)	CU (mm²)	Reference
95	35	MJBAC 95/35
95	50	MJBAC 95/50
95	70	MJBAC 95/70
120	50	MJBAC 120/50
120	70	MJBAC 120/70
120	95	MJBAC 120/95
150	120	MJBAC 150/120
185	95	MJBAC 185/95
185	120	MJBAC 185/120
185	150	MJBAC 185/150
240	70 a 150	MJBAC 240/70

• BIMETALLIC AL/CU, M.T JUNCTIONS

Features

- Spiking punçonado side by aluminum
- Hexagonal crimping the copper side
- According to French Standard
- Allows AL and CU connection with different sections or equal
- Other sizes available on request



Section (mm²) Alu.	Cu	Reference
50	35	50/35 MT
50	50	50/50 MT
70	35	70/35 MT
70	50	70/50 MT
70	70	70/70 MT
95	50	95/50 MT
95	70	95/70 MT
120	35	120/35 MT
120	50	120/50 MT
120	70	120/70 MT
120	95	120/95 MT
120	120	120/120 MT

Section (mm²) Alu.	Cu	Reference
150	95	150/95 MT
150	120	150/120 MT
150	150	150/150 MT
240	25	240/25 MT
240	35	240/35 MT
240	50	240/50 MT
240	70	240/70 MT
240	95	240/95 MT
240	120	240/120 MT
240	150	240/150 MT
240	185	240/185 MT

• COPPER JUNCTIONS

Features

- Made from electrolytic copper
- Perfectly tinned
- Spiking compression with appropriate tool

Section (mm²)	Reference	Section (mm²)	Reference
1,5	CLT 1,5	95	CLT 95
2,5	CLT 2,5	120	CLT 120
4,0	CLT 4	150	CLT 150
6,0	CLT 6	185	CLT 185
10,0	CLT 10	240	CLT 240
16,0	CLT 16	300	CLT 300
25,0	CLT 25	400	CLT 400
35,0	CLT 35	500	CLT 500
50,0	CLT 50	630	CLT 630
70,0	CLT 70	800	CLT 800

• COPPERR JUNCTIONS L. V.

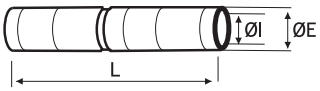
Features

- Made from copper rod, bevelled at the ends

Section (mm²)	Reference
16	GT-16
25	GT-25
35	GT-35
50	GT-50
70	GT-70
95	GT-95

Section (mm²)	Reference
120	GT-120
150	GT-150
185	GT-185
240	GT-240
300	GT-300

• ALUMINUM JUNCTIONS L. V.

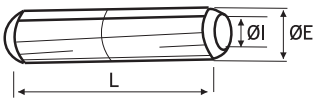


Features

- Made from aluminum tube perfectly tinned
- Compression with appropriate crimping tool

Section (mm²)	Dimensions (mm) ø I	ø E	L	Reference
16				MJAE 16
25	6,5	20	90,0	MJAE 25
35	8,0		91,8	MJAE 35
50	9,0		109,0	MJAE 50
70	11,0		110,0	MJAE 70
95	12,5		110,0	MJAE 95
120	13,7	25	135,5	MJAE 120
150	15,5		135,0	MJAE 150
185	17,0	32	146,0	MJAE 185
240	19,5		145,0	MJAE 240

• ALUMINUM JUNCTIONS M. V.



Features

- According to French Standard
- Unions aluminum conductors for medium voltage
- Spiking by deep punching

SecCotion (mm²)	Reference
16	MRJA1 16
25	MRJA1 25
35	MRJA1 35
50	MRJA1 50
70	MRJA1 70
95	MRJA1 95
120	MRJA2 120
150	MRJA2 150
185	MRJA3 185
240	MRJA3 240
300	MRJA3 300
400	MRJA3 400

• SECTOR JUNCTIONS OF ALUMINIUM

Features

- Application in sectoral solid aluminum cables
- Do not deform the driver in the act of spiking

Section cond (mm²)	L (mm)	Reference
25	50,8	LA 25
35	60,3	LA 35
50	69,8	LA 50
70	79,3	LA 70
95	89,0	LA 95
120	92,0	LA 120
150	95,3	LA 150
185	108,0	LA 185
240	120,6	LA 240

• BIMETALLIC CRIMP FERRULES

Features

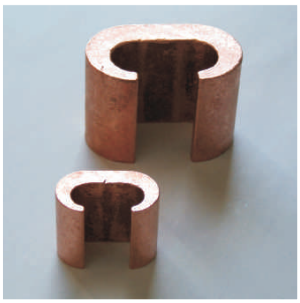
- Terminal ferrule consists of a welded aluminum body by rubbing a copper ferrule

Section (mm²)	Reference
16	CBP 16
25	CBP 25
35	CBP 35
50	CBP 50
70	CBP 70
95	CBP 95
120	CBP 120
150	CBP 150
185	CBP 185
240	CBP 240

• COMPRESSION "CRIMPIT" CU-CU CONNECTORS

Features

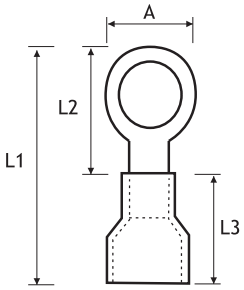
- Own networks to land
- Performs link, whips or bypass copper cables
- Application for screening



Principal cu (mm²)	Derivative cu (mm²)	Reference
6 a 10	2,5 a 6	YC8C8
10 a 25	4 a 6	YC4C8
16 a 25	4 a 10	YC4C6
16 a 25	16 a 25	YC4C4
35	4 a 25	YC2C4
35	16 a 35	YC2C2
50 a 70	4 a 35	YC26C2
50 a 70	35 a 70	YC26C26

Principal cu (mm²)	Derivative cu (mm²)	Reference
95	16 a 35	YC28C2
95	35 a 70	YC28C26
95	95	YC28C28
120	25 a 120	YC29C29
150 a 185	50 a 95	YC31C28
150	70-150	YC150MET

•INSOLATED TERMINALS



Features

- Isolation obeys the color coded
- Other types on request

Section (mm²)	Color	Hole	Dimensions (mm) A	L1	L2	L3	Reference
0,5-1,0	Red	M	6,4	17,7	13,2	9,7	IR 1,5-3,2
		M3,5	6,4	17,7	13,2	9,7	IR 1,5-3,7
		M4	6,6	18,5	14,0	9,7	IR 1,5-4
		M5	8,0	20,3	15,8	9,7	IR 1,5-5
		M6	9,8	22,5	18,8	9,7	IR 1,5-6
		M8	13,6	26,3	21,8	9,7	IR 1,5-8
		M10	13,6	26,3	21,8	9,7	IR 1,5-10
1,0-2,5	Blue	M	6,4	18,0	13,5	10,0	IR 2,5-3,2
		M3,5	6,4	18,0	13,5	10,0	IR 2,5-3,7
		M4	6,6	18,5	14,0	10,0	IR 2,5-4
		M5	8,5	21,0	16,5	10,0	IR 2,5-5
		M6	11,0	26,0	21,5	10,0	IR 2,5-6
		M8	12,0	26,5	22,0	10,0	IR 2,5-8
		M10	17,0	31,5	27,0	10,0	IR 2,5-10
		M12	17,0	31,5	27,0	10,0	IR 2,5-12
4,-6,0	Yellow	M3,5	7,8	24,3	17,8	2,5	IR 6-3,7
		M4	7,8	26,0	18,0	13,0	IR 6-4
		M5	10,0	28,0	20,0	13,0	IR 6-5
		M6	11,0	29,5	21,5	13,5	IR 6-6
		M8	14,0	34,0	26,0	13,5	IR 6-8
		M10	15,0	34,5	26,5	13,5	IR 6-10
		M12	17,0	40,0	32,0	13,5	IR 6-12

•INSOLATED FERRULES

Features

- Posted on CU electrolytic 99.9%
- Insulation prolipopileno
- Availability of uninsulated

Section (mm²)	Packaging units	Reference
0,50	500	E02
0,75	500	E05
1,00	500	E09
1,50	500	E13
2,50	500	E16
4,00	500	E19
6,00	100	E22
10,00	100	E24
16,00	100	E26
25,00	50	E28
35,00	50	E30
50,00	50	E32

• PRE-INSULATED TERMINALS BIMETALLIC

Features

- 3 crimps
- For connection of AL conductors and terminal equipment or buses in CU
- Must be removed only 35mm of insulation from the conductor to enter
- No coating is required lateror

Section (mm²)	Dimensions (mm) Hole	Lenght	Hexagonal Array	Color	Reference
16	10,5	67	140	Azul	CPTAU 16
25	10,5	67	140	Laranja	CPTAU 25
35	12,8	86	173	Vermelho	CPTAU 35
50	12,8	86	173	Amarelo	CPTAU 50
70	12,8	86	173	Branco	CPTAU 70
95	12,8		215		CPTAU 95

• PRE-COMPRESSION UNIONS ISOLATED

Features

- No need to shrink coating
- The junction may be done between two different insulated conductors of equal sections or
- For the neutral tensor in almelec, unions support a superior tractive effort to 1660kg
- Pre-insulated Unions reduction on request

Section (mm²) Cond.1	Cond.2	Reference
16	16	MJPT 16
25	25	MJPT 25
35	35	MJPT 35
50	50	MJPT 50
70	70	MJPT 70
95	95	MJPT 95