



aparellaje electrotécnico, s.a.



**Manufacturer of accessories,
connections and electrical equipment**

Stock permanent. Delivery in 24 hours.

About us

Aparel was established on the year 1972 by Mr. Lluís Puig Vila; initially with the trade name "Comercial Aparellajes Puig". Lately on November 1987 changed to the actual trade name of "Aparellaje Electrotécnico S.A.". Aparel is managed and directed by Mr. Pere Puig since 1998.

History

Aparel specialises in manufacturing and marketing materials for the low voltage electrical sector, as Spain's leading auxiliary company for major manufacturers in the sector.

The Aparel facilities currently occupy two buildings in the town of Lliçà de Vall in the province of Barcelona, with a total production area of over 1,500 m².

- Our technological and human team gives **aparel** the agility and flexibility to respond to any demand in the ever-changing electricity market, which has major fluctuations in demand, and we are specialists in manufacturing special parts, customised and tailored to our clients' requirements.
- At its production warehouse near Barcelona, **aparel** has a surface treatment installation, with plating baths for silver, copper and tin coatings, giving us speed and autonomy in the finish of contact parts. It also gives us an added link with our clients, who outsource the final treatment of their own pieces to us.
- At **aparel**, we also manufacture sensors for single-use electrocardiography electrodes - technology that is possible thanks to the metallic silver coating on plastic, as patented by Mr Pere Puig.
- For over 10 years, we at **aparel** have been broadening our distribution horizons beyond our borders, and the turnover of our export department now accounts for 40% of our production volume.



QUALITY

At aparel we carry out **thorough checks** on all the products we deliver to our customers, **thereby ensuring that they operate perfectly**, with no problems for our clients.



FLEXIBILITY

Thanks to the versatility of our employees and the flexibility of our structure, at aparel we are **specialists in supplying all kinds of production batches**. We can manufacture large batches automatically, and produce a small batch, all with **very tight delivery deadlines**.

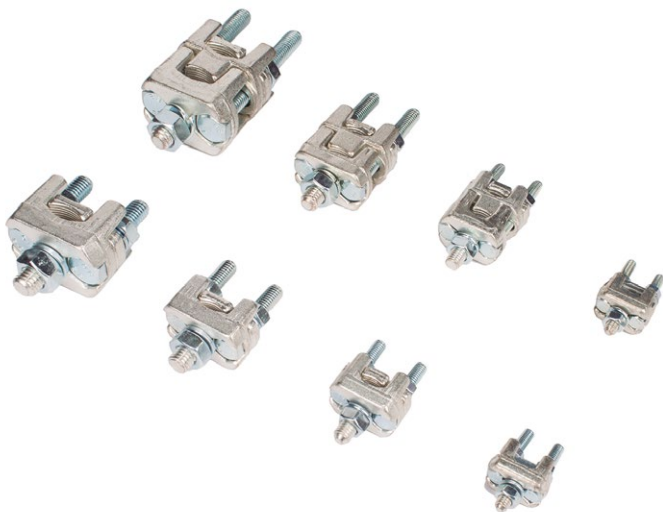


SERVICE

We have close and friendly relationships with our clients, **deliver material in stock within 24 hours** and special productions in a week. This all makes the experience of working with us a pleasant and comfortable process for our clients.

BIMETALIC CLAMPS

► Screwed bimetallic CLAMP



Reference	Denomination
11334120	BM-50
11334124	BM-50 D
11334130	BM-95
11334131	BM-95 D
11334140	BM-150
11334141	BM-150 D
11334150	BM-240
11334151	BM-240 D
11334154	BM-240 M10
11334155	BM-240 M10 D

► Spade CLAMPS



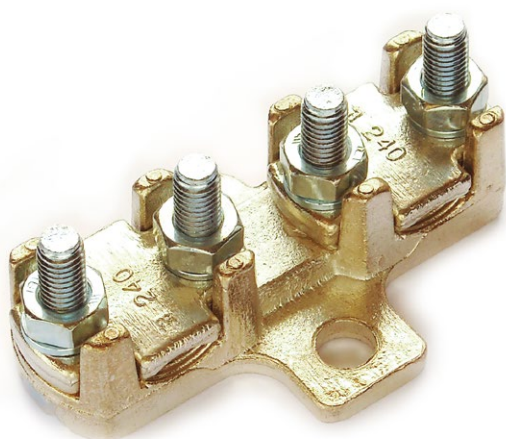
Reference	Denomination
11334014	BP-50; L=30 A=7
11334016	BP-50D; L=30 A=7
11334018	BP-50; L=20 A=7
11334019	BP-50D; L=20 A=7

► Flag CLAMP



Reference	Denomination
11334300	BMB-95
11334301	BMB-95D
11334302	BMB-150
11334303	BMB-150 D

► Parallele CLAMPS



Reference	Denomination
11334200	BMP-95 (1+1)
11334201	BMP-95 (1+2)
11334202	BMP-95 (2+2)
11334203	BMP-150 (1+1)
11334204	BMP-150 (1+2)
11334205	BMP-150 (2+2)
11334206	BMP-240 (1+1)
11334207	BMP-240 (1+2)
11334208	BMP-240 (2+2)

Aparel,
manufacturers of electrical equipment since 1972



Technical advice

We solve your doubts so that you always choose the material that you need and that best suits to your installation



Permanent stock

Our wide catalog and stock allows you to have the product when you need it



Ships in 24/48 hours

One of our maxims is the speed of delivery so that your work is not interrupted while waiting for the material



Quality and flexibility

We adapt to each client, attending personally each request and with the guarantee of products of maximum quality

Do you need help with some product?
Contact us



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08185 Lliçà de Vall



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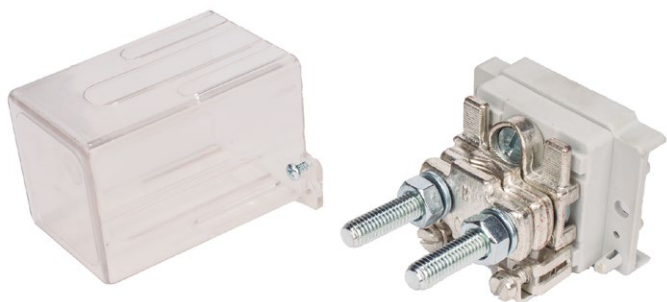
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Made in Spain

DERIBORNES

► COVERED DERIVATING CLAMPS



Reference

Denomination

11334801	BD 1x95 + 2x35
11334802	BD 2x95 + 2x35
11334803	BD 1x95 + 4x35
11334804	BD 2x95 + 4x35
11334805	BD 1x150 + 2x35
11334806	BD 2x150 + 2x35
11334807	BD 1x150 + 4x35
11334808	BD 2x150 + 4x35
11334811	BD 1x240 + 4x35
11334812	BD 2x240 + 4x35

► CLAMPS COVERS



Reference

Denomination

12330000	Clamp cover to 50 bimetalic clamp
12330001	Clamp cover to ground 50 bimetalic clamp

NH FUSE BASES

► NH fuse base squad



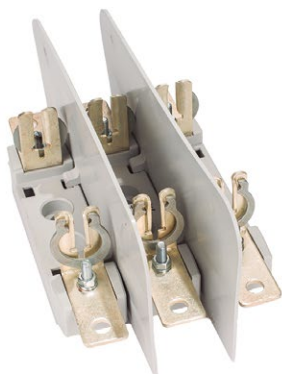
Reference	Denomination
11220110	Base NH-E T00 160A T/T
11220110-B	Base NH-E T00 160A Flange-Flange
11220111	Base NH-E T0 160A T/T
11220112	Base NH-E T1 250A T/T
11220113	Base NH-E T2 400A T/T

► Base NH Lira



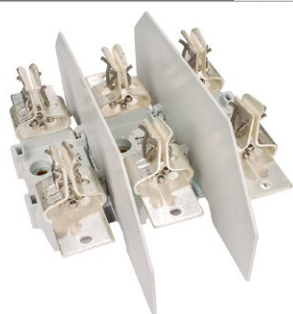
Reference	Denomination
11220210	Base NH-L T1 250A
11220211	Base NH-L T2 400A
11220212	Base NH-L T3 630A
11220213	Base NH-L T4 1250A
11220214	Base NH-L T4 1600A

► NH Tripolar Squad bases + 2 Screens



Reference	Denomination
11220300	Base III NH-E T00 160A
11220300-B	Base III NH-E T00 160A Flange-Flange
11220301	Base III NH-E T0 160A
11220302	Base III NH-E T1 250A
11220303	Base III NH-E T2 400A

► NH Tripolar Lira Bases +
2 Screens



Reference

Denomination

11220306

Base III NH-L T1 250A

11220307

Base III NH-L T2 400A

11220308

Base III NH-L T3 630A

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Made in Spain

SECTIONABLE NEUTRAL BASES

► Sectionable neutral base



Reference	Denomination
11221005	Sectionable neutral base T00 flange/flange
11221006	Sectionable neutral base T00 flange/Screw
11221007	Sectionable neutral base T00 Screw/Screw
11221008	Sectionable neutral base T00 flange/BM-50
11221009	Sectionable neutral base T00 flange/BM-50 D
11221040	Sectionable neutral base T0 screw/screw
11221050	Sectionable neutral base T1/2 screw/screw
11221060	Sectionable neutral base T3 screw/screw
11221027	Sectionable neutral base T1/2 E-7 (with return connection)

► Sectionable neutral base "T" and "L"



Reference	Denomination
11221025	Sectionable neutral base T1/2 E-10/Std. Inox screw
11221026	Sectionable neutral base T1/2 T/L Inox screw

► Sectionable neutral base CPM



Reference	Denomination
11221051	Neutral base T00 CPM/CMT
11221052	Neutral base T0 CPM/CMT
11221053	Neutral base T1/2 CPM/CMT

BUC NH FUSE BASES

► Bases BUC NH



Reference

Denomination

91220400	Base BUC T00 160 A
91220401	Base BUC T00 160 A ILF
91220410	Base BUC T1 250A
91220411	Base BUC T1 250A ILF
91220420	Base BUC T2 400A
91220421	Base BUC T2 400A ILF
91220430	Base BUC T3 630A
91220432	Base BUC T3 630A CGP
91220440	Base BUC T4 1250A
91220445	Base BUC T4a 1600A

► BUC tripolar T00/1/2/3



Reference

Denomination

91220500	BUC III T00 160A
91220510	BUC III T1 250A
91220520	BUC III T2 400A
91220530	BUC III T3 630A

DISCONNECTING KNIVES / PARTITION WALLS

► Normalized disconnecting knife



Reference

Denomination

11222000	CS T00 100A 6 x 15 x78,5
11222001	CS T0 160A 6 x 15 x 125
11222002	CS T1 250A 6 x 20 x 135
11222003	CS T2 400A 6 x 25 x 150
11222004	CS T3 630A 6 x 35 x 150
11222005	CS T4 1250A 8 x 50 x 200

► Standard disconnecting knife



Reference

Denomination

11222100	CS T2 400A 6 x 20 x 150
11222101	CS T3 630A 6 x 25 x 150

► Disconnecting handle



Reference

Denomination

12220001	NH Disconnecting handle
12220002	NH protected Disconnecting handle

► Partition walls



Reference	Denomination
12225001	PS T00 pressure fixing 135 x 82
12225031	PS T00 pressure fixing with squad 130 x 75
12225002	PS T0 pressure fixing 184 x 84
12225011	PS T0 pressure fixing 235 x 90
12225021	PS T0 pressure fixing 405 x 110
12225032	PS T0 pressure fixing with squad 184 x 84
12225003	PS T1/2 pressure fixing 250 x 100
12225012	PS T1/2 pressure fixing 285 x 110
12225022	PS T1/2 pressure fixing 450 x 110
12225033	PS T1/2 pressure fixing with squad 250 x 100
12225012	PS T3 pressure fixing 284 x 110
12225022	PS T3 pressure fixing 284 x 110
12225041	PS T3 pressure fixing squad 240 x 120
12225042	PS T4 pressure fixing squad 320 x 180

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UTE / Neozed Bases

► UTE fuse bases



Reference

Denomination

11440003	Cylindrical UTE sectionable base T1 14 x 51
11440007	Cylindrical UTE sectionable base T1 14 x 51 Neutro
11440005	Cylindrical UTE sectionable base T2 22 x 58
11440008	Cylindrical UTE sectionable base T2 22 x 58 Neutro
11440009	Multiple disconnecting Handle

► Neutral tube UTE



Reference

Denomination

11440012	Neutral tube T1 14 x 51
11440013	Neutral tube T2 22 x 58

► DO fuse links



Reference

Denomination

11440235	Fusible DO2 35A
11440250	Fusible DO2 50A
11440263	Fusible DO2 63A
11440380	Fusible DO3 80A
11440310	Fusible DO3 100A

► DO fuse links



Reference	Denomination
11441602-P	DO2 63A plastic base plate fastening
11441602-C	DO2 63A ceramic base plate fastening
11441604	DO2 63A plastic base DIN rail fastening
11441605	DO2 63A plastic base screw fixing fastening
11441608-C	DO2 63A ceramic screw cap
11441607	DO2 base embellisher
11441610-P	DO3 100A plastic base plate fastening
11441612	DO3 100A base DIN rail fastening flange/flange connection
11441619	DO3 100A base screw fastening flange/BM-50C connection
11441616-C	DO3 100A ceramic screw cap
11441615	DO3 base embellisher

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ACCESSORIES COUNTER CENTRALIZATIONS

► Metallic spacers



Reference

Denomination

16556010	Metallic spacer M.6 x 10
16556015	Metallic spacer M.6 x 15
16556020	Metallic spacer M.6 x 20
16556030	Metallic spacer M.6 x 30
16556040	Metallic spacer M.6 x 40
16556050	Metallic spacer M.6 x 50
16556060	Metallic spacer M.6 x 60
16556070	Metallic spacer M.6 x 70
16556080	Metallic spacer M.6 x 80
16556090	Metallic spacer M.6 x 90
16556100	Metallic spacer M.6 x 100
16556000	Sealable male plug M.6

► Meter screw holder



Reference

Denomination

16550901	Brass kit
16550902	Plastic kit

► Sliding nuts



Reference

Denomination

16550105	TD 15 x 12 M.5
16550106	TD 15 x 12 M.6
16550206	TD 20 x 36 M.6
16550208	TD 20 x 36 M.8

► Insertable nuts



Reference	Denomination
16550204	TE-4 M.4
16550205	TE-5 M.5
16550206	TE-6 M.6
16550208	TE-8 M.8
16550210	TE-10 M.10
16550212	TE-12 M.12

► "C" Profiles



Reference	Denomination
26990101	PCL-20x10 C Profile smooth 20x10
26990102	PCP-20x10 C Profile perforated 20x10
26990103	PCL-20x40 C Profile smooth 20x40
26990104	PCP-20x40 C Profile perforated 20x40

► Polyester insulators (red)



Reference	Denomination
12550025	SM-25/6 (25 x 2 M6)
12550030	SM-30/8 (30 x 2 M8)
12550035	SM-35/8 (35 x 2 M8)
12550040	SM-40/8 (40 x 2 M8)
12550041	SM-40/10 (40 x 2 M10)
12550045	SM-45/8 (45 x 2 M8)
12550050	SM-50/10 (50 x 2 M10)
12550060	SM-60/10 (60 x 2 M10)
12550075	SM-75/10 (75 x 2 M10)

► Polyamide insulators



Reference

12550130

Denomination

H-30 Nut / Stud
(30 x T/E M6)

► Derivating clamps



Reference

11550015

11550020

11550025

Denomination

BD-15 Derivating clamp

BD-20 Derivating clamp

BD-15/20 Derivating
clamp

► Symmetrical profiles



Reference

26990201

26990202

26990203

26990204

Denomination

PSL-35x7,5 symmetrical
profile smooth

PSP-35x7,5 symmetrical
profile perforated

PSL-35x15 symmetrical
profile smooth

PSP-35x15 symmetrical
profile perforated

► Inclined holder



Reference

12114001

Denomination

Support for symmetrical
profile

► Fixing plates



Reference

Denomination

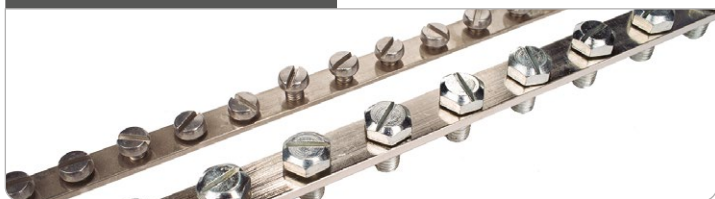
16990701

Self-adhesive up to 4.8 mm, Natural

16990702

Threaded up to 4.8mm. natural

► Derivating plates



Reference

Denomination

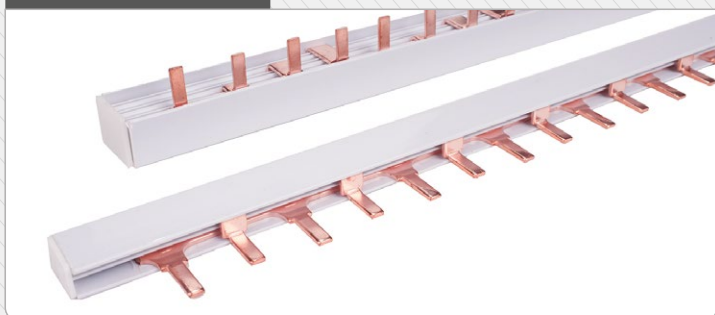
11550123

PD 12x3 25A
(56 screw DIN84 M.6x12)

11550154

PD 15x4 100A (40 screw
DIN933 M.8x15)

► Plug in comb



Reference

Denomination

11992002

PCP-2 (Plug in comb II P
pin.) (1 meter)

11992004

PCP-4 (Plug in comb IV P
pin.) (1 meter)

11993002

Unipolar bridge cover

11993004

Four-way bridge cover

► Schuko sockets



Reference

Denomination

17991602

Schuko socket 16A,
2P+T IP-44 Surface

► Bar holders



Reference

Denomination

12114270

Stepped bar holders
270 polyamide

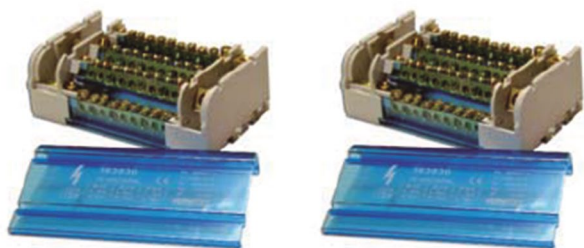
12114360

Horizontal bar holders
360 FV reinforced

12114510

5/10 Holder

► Distributor blocks



Reference

Denomination

11995206	Distributor block 2x6 125A
11995214	Distributor block 2x14 125A
11995406	Distributor block 4x6 125A
11995410	Distributor block 4x10 125A
11995414	Distributor block 4x14 125A
11995411	Distributor block 4x11 160A

► Wire guide cone



Reference

Denomination

16990019	CN-19 (22 / 19)
16990028	CN-28 (31 / 28)
16990038	CN-38 (41 / 38)
16990047	CN-37 (50 / 47)
16990064	CN-64 (67 / 64)
16990090	CN-90 (96 / 90)
16990414	CN-4x14 (44 / 4x14)
16990424	CN-4x24 (68 / 4x24)
16990434	CN-4x34 (96 / 4x34)

► Cable glands metric



Reference

Denomination

16991215	PE M12x1,5 (eq. PG7)
16991615	PE M16x1,5 (eq. PG11)
16992015	PE M20x1,5 (eq. PG16)
16992515	PE M25x1,5 (eq. PG21)
16993215	PE M32x1,5 (eq. PG29)
16994015	PE M40x1,5 (eq. PG36)
16995015	PE M50x1,5 (eq. PG42)
16996315	PE M63x1,5 (eq. PG48)

► Covers for lateral closing



Reference

Denomination

17990027

TCL-27 270 Cover for lateral closing without joint

17990036

TCL-36 360 Cover for lateral closing without joint

► Standard box joint clamp



Reference

Denomination

17991027

BU-27 Joint unión of 270 without joint

17991036

BU-36 Joint unión of 360 without joint

► Hinges



Reference

Denomination

16990101

Plastic hinged hinge

16991014

Metallic hinged hinge Ø14

16991016

Metallic hinged hinge Ø16

► Ventilation devices



Reference

Denomination

16990201

DVP-19 Small ventilation devices Ø19

16990202

DVP-29 Large ventilation devices Ø29

► Labels and holders



Reference

Denomination

16990301

Polycarbonate holders

16990311

Suscriber tag

► Fixation ear



Reference

Denomination

16990400

Accessory for wall mounting

► Pheepholes



Reference

Denomination

17120120

MF-12 Fixed Window (120x120)

17190150

MF-15 Fixed Window (190x150)

17077094

Fold-up window MAA-4 (077x094)

17077130

Fold-up window MAA-6 (077x130)

17077164

Fold-up window MAA-8 (077x164)

17077202

Fold-up window MAA-10 (077x202)

17077235

Fold-up window MAA-12 (077x235)

17125165

MAR-16 articulated window (125x165)

17196249

MAR-24 articulated window (196x249)

17209584

MUF Unión Fenosa window (209x584)

► Elevation sockets



Reference

Denomination

16990610	Elevation socket 10 mm
16990615	Elevation socket 15 mm
16990620	Elevation socket 20 mm
16990640	Elevation socket 40 mm

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ACCESSORIES: POLYESTER PLATES

► Smooth plates



Reference	Denomination
12110432	Base plate 432 (220 x 130 x 3)
12110433	Base plate 433 (220 x 220 x 3)
12110434	Base plate 434 (310 x 220 x 3)
12110444	Base plate 444 (310 x 310 x 3)
12110463	Base plate 463 (490 x 220 x 3)
12110464	Base plate 464 (490 x 310 x 3)
12110466	Base plate 466 (490 x 490 x 4)
12110084	Base plate 484 (670 x 310 x)
12110086	Base plate 486 (670 x 490 x)

► Mechanized plates



Reference	Denomination
12111433	Base 433-1 Single Phase Counter Centered (220x130x3)
12112433	Base 433-1 Single Phase counter Offset (220x130x3)
12111434	Base 434-1 Single or triphasic counter (310x220x3)
12111463	Base 463-1 triphasic counter (490x220x3)
12112463	Base 463-3 Single fase counter (490x490x4)
12111466	Base 466-6 Single fase counter (490x490x4)

Grounding accessories

► Grounding plates



Reference

Denomination

11002525	Galvanised Steel plate 250 x 250 x 2
11005050	Galvanised Steel plate 500 x 500 x 2
11001050	Galvanised Steel plate 1000 x 500 x 22
11005150	Copper plate 500 x 500 x 2

► Connection clamps



Reference

Denomination

11550114	Grounding connection clamp GA-14
11550118	Grounding connection clamp GA-18

► Ground disconnecting box



Reference

Denomination

17220101	CST-1 opaque cover 160 x 110 x 65
17220102	CST-2 transparent cover 160 x 110 x 65
17220121	CST-1/2s 2 exit transparent cover 160 x 110 x 65

► Drilled copper busbar for ground



Reference

Denomination

11525155	5x15x2000 M6 Step 25mm
11525205	5x20x2000 M6 Step 25mm
11525305	5x30x2000 M6 Step 25mm

CONNECTION PARTS FROM PLANS

At Aparen we specialise in manufacturing copper and aluminium parts from plans, for meeting the connection needs involved in our clients' production:

- ▶ Electrical cabinets.
- ▶ Generators.
- ▶ Transformers.
- ▶ Isolators.
- ▶ Capacitor banks.
- ▶ Ballast units.
- ▶ Measuring equipment.
- ▶ Electrical switchgears.

We have integrated the entire process, from management of purchasing raw materials to the surface treatment of the piece if necessary, thereby providing a fast and effective service, checking the quality of the whole process, to ensure the parts operate correctly in our clients' equipment.

We have the following production facilities to provide the best service for our clients, ensuring 100% quality in the materials that we deliver:

3 eccentric presses from 50 to 100 Tn.

3 feeders from 150 mm to 600 mm in length.

3 winches.

1 leveller.

1 hydraulic shear set.

A horizontal 40 tn CNC plate folding machine
(max. plate section: 20 x 200 mm.)

2 hydraulic presses.

2 vertical drills.

2 screw thread machines.

1 specific punching machine for strips with an automatic feeder.

2 Supra punching presses for very short series.

2 cutting shears for strips from 3 x 12 mm to 10 x 120 mm.

2 plating lines for copper and brass pieces using
both the barrel and static method.

1 tinning line for copper, brass, steel and aluminium
pieces using both the barrel and static method.



Our team of professionals will be happy to advise you on processes, recommend the materials that are most advisable for a particular case, advise you on supply possibilities, suggest modifications to save on costs... or any other questions that you or your team need answering.

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GALVANIC BATHS

At our galvanic bath facilities near Barcelona we have 300 m2 focused entirely on the surface treatment of parts for our products and clients in the electricity sector.

We have 2 automatic lines operating with a static charge with frames, or dynamically, with pumps.

► OUR WORK

We deal with **surface finishes** in **copper, silver and tin plating** on various non-ferrous materials. We are also specialists in **copper-plating cylindrical contacts for fuses**. These activities enable us to work for major European companies in the sector.

In addition to surface finishes, we have **machinery** for **degreasing parts** either before they receive **electrolytic treatment**, or for delivery to the client without any residues of cutting or punching oil.

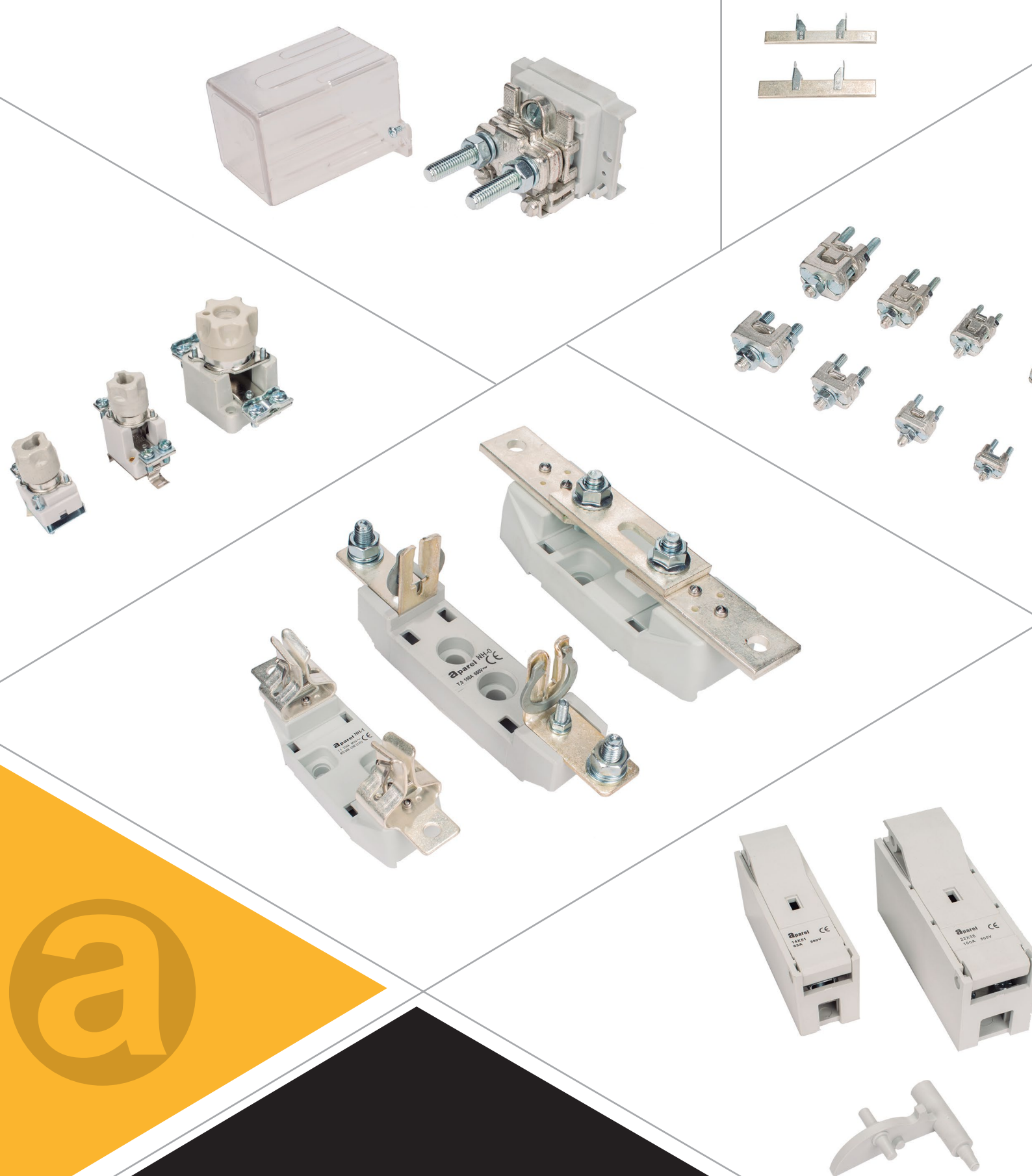
► WITH ALL THE GUARANTEES YOU EXPECT



For our clients' peace of mind, we issue **quality certificates** for the coatings we have provided. To do this, **we check the thicknesses** deposited in each batch **using x-ray fluorescence testing**.

At Aparenl **we also respect the environment**. We carry out **continuous checks** on the waste generated at our facilities, using a highly developed filtration and recycling system for pollutants.





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