

ELERON *Power* **S.R.L.**



Electromechanical Constructions
for power and railway application

since 1956



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Company Profile

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MAIN INFORMATION

Since 1956 Eleron Power s.r.l. operates in high, medium and low voltage electromechanical field.

Thanks to the constant presence in the field and the technological evolution of its products, Eleron Power counts Alstom, AnsaldoBreda, Enel, Terna and some major international institutions among its clients.

Products' quality is a necessary component in the productive process, for this reason Eleron Power has a testing laboratory equipped with the best control tools. Eleron Power is byword for design, high technology and high quality that can satisfy any of its customers' requirements.

Eleron Power s.r.l. is certified by quality system **UNI EN ISO 9001-2015** and has **utility company approvals like ENEL, RFI, TERNA, SAUDI ELECTRICITY COMPANY.**



The construction of its first machinery goes back to the first half of the 1950s, under the direct collaboration with private electric companies, who subsequently became the National Authority for Electric Energy.



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The first models for isolators, panels and medium voltage transformation Cabinets were built, as well as a series of small machinery such as junction boxes and low voltage disconnectors.

At the beginning of the 1970s the first switch disconnector project was developed, and has evolved in more recent times for use in more compact compartments.

The last decade has seen Eleron's opening to the rail market with the development of rolling and fixed system solutions

Company name	ELERON POWER S.r.l.
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Year of foundation	1956 Fratelli Ronco S.n.c. 1979 Elettromeccanica Ronco S.r.l. 2004 Eleron S.r.l. 2010 Eleron Power S.r.l.
Enrolement Number at Chamber of Commerce in Turin	Reg. CCIAA di Turin, n° REA 113691
Enrolment number at the Companies' Register at the Court of Turin	n° 10201610010
V.A.T. Number	10201610010
Number of employees	n° 25
Certifications	Eleron is a CSQ certificated firm in compliance with <i>UNI EN ISO 9001:2008</i> standard Eleron is a CSQ certificated firm in compliance with <i>UNI EN ISO 14001:2004</i> standard (environmental standard) Eleron Power has ENEL, RFI and TERNA approvals.

COVERED AREA

Total covered area	mq. 2260
Office area 1° floor	mq. 160
Technical office area ground floor	mq. 100
Manufacturing Department (Mechanical Working area)	mq. 1060
Manufacturing Department (Assembly area)	mq. 940
External area (covered)	mq. 1650



PRODUCTION

ELERON POWER S.r.l. is manufacturing of electromechanical equipments employed in the distribution of electrical energy of low, medium and high voltage up to 245 kV for public and private industrial sector :

- outdoor disconnectors
- indoor disconnectors
- disconnectors for boards use
- earthing switches
- air insulated switch disconnectors for boards use
- air insulated switch disconnectors for wall use
- outdoor SF6 insulated switch disconnectors for pole mounting
- air insulated switchboards
- M.V. junction boxes
- M.V. disconnecting boxes

HISTORY

The first manufacturing of equipments dates back to the middle of fifties, operating with electrical private companies that become National body for Electrical Energy.

In succession first models of isolators, boards, cabins of transformation for medium voltage and a set of small equipments as junction and disconnecting boxes for low voltage were realized.

At the beginning of eighties the first project of switch disconnectors was developed, until to arrive at the invention of a modern type for boards use.

In the last five years Eleron developed some product used for rolling stock systems and railway network

These equipments are able to meet all customers' requirements, observing national and international rules.

SIGNIFICANT WORKS LIST

Power Distribution Field:



- Supply of prefabricates compartments with IMS (switch manual interruption) 24kV-400A / ENEL DISTRIBUZIONE SPA (ITALY)



- Supply of MV switchgear withstand internal arc current TERNA Rete Italia (ITALY)



- Supply of prefabricates compartments with IMS 24kV-400A / AEM TORINO DISTRIB. SPA (ITALY)

- Supply of outdoor switch 24kV-400A / AMPS SPA (ITALY)



- Supply of distributions boards IP - 400V / ENEL SOLE SPA (ITALY)



- Design and supply of substation transformation 70/12,5kV / IMPREGILO SPA (ITALY)

- Junction boxes 7,2-17,5 kV 400A / JOINT VENTURE IMPREGILO SPA (ITALY)



- Substation transformation 400/110 kV / ABB (ITALY)

- Substation transformation 12,5/0,12 kV 500kVA / SINERCON (DOMINICAN REPUBLIC)



- Supply of outdoor switch 24kV-400A / EDISON SPA (ITALY)



- Supply of outdoor switch 17,5kV-800A / SARPOM SPA / ESSOITALIANA SRL (ITALY)

- Supply of switch for prefabricates distributions 36kV-630A / CIEB NUOVA SRL (ITALY)

- Supply of outdoor switch 24kV-400A / COOP. AGRICOLA FORZA E LUCE SRL (ITALY)

- Supply of IMS pole insulated SF6 12kV-630A / GHAZI BAROHA CONTRACTOR (PAKISTAN)
- Supply of boxes of junction/derivation 17,5kV / WANG LONG JOINT VENTURE (CHINA)



- Supply of substations 'coming from the bottom' 24kV 630A / ENEL (ITALY)



- Supply of fuse base 25kV-400A / SIRTI (ITALY)
- Supply of outdoor switch 25kV-400A / SIRTI (ITALY)



- Ground switch 36kV 12,5kA / ABB (ITALY)
- Supply of substations 24kV / FINTECNA (ITALY)



- Supply of outdoor switch 36kV-2000A / SIEMENS
- Supply of switch for IP 400A / AMG ENERGIA SPA (ITALY)



- Supply of outdoor disconnecter 100kV / IRMIE IMPIANTI SRL (ITALY)



- Supply of voltage regulator bypass, disconnect switch and auto recloser bypass 36kV-630A / AL-HAITAM / SEC (SAUDI ARABIA)



- Supply of Load Break Switch 13kV / 36kV – 400A / 630A / AL-HAITAM / SEC (SAUDI ARABIA)

Railway Application Field:

-  **FINMECCANICA**
(ANSALDO BREDA) Supply of earthing Switch for METRO Copenhagen
-  **FERROVIE
DELLO STATO
ITALIANE** Supply of contactors for ETR500 (TRENITALIA)
-  **FINMECCANICA**
(TRENITALIA) Supply of DC/AC switchboards for SEMIPILOTA (ANSALDO /TRENITALIA)
-  **AnsaldoBreda**
A Finmeccanica Company Supply of earthing switch for METRO FORTALEZA (ANSALDO)
- Supply of earthing switch for METRO MILANO lines 1 and 2 (ANSALDO BREDA)
-  **AnsaldoBreda**
A Finmeccanica Company Project and prototype of Workshop Knife Switch for METRO CHONGQING
- Switch esapole 12kV 2000A / RFI (ITALY)
-  **Metro**[®]
(MTA) Supply of atp-bypass switch for METRO LOS ANGELES
-  **AnsaldoBreda**
A Finmeccanica Company Supply of Power Change over for METRO MADRID (ANSALDO)
-  **ALSTOM** Supply of outdoor switch 25kV-400A / ALSTOM (ITALY)
-  **AnsaldoBreda**
A Finmeccanica Company Supply of Brake Resistance Change over for METRO MADRID (ANSALDO)



- Supply of outdoor switch 12kV-2000A / RETE FERROVIARIA ITALIANA SPA (ITALY)
- Supply of knife switch for METRO MILANO line 4 (ANSALDO BREDA)
- Supply of fuse base 25kV-400A / SIRT I (ITALY)
- Supply of outdoor switch 25kV-400A / SIRT I (ITALY)



- Supply of outdoor switch 25kV-400A / BALFOUR BEATTY RAIL (ITALY)
- Supply of fuse base 25kV-400A / BALFOUR BEATTY RAIL (ITALY)



- Supply of outdoor disconnector 24kV- 630A / ALSTOM HONG KONG



- Supply of outdoor switch 25kV-400A / ANSALDO STS (ITALY)



- Supply of outdoor switch 25kV-1600A / ALPIQ ENERTRANS (ITALY)



- Supply of DC Load Break Switch 1.5kV -6000A / SIEMENS (TURKEY)



Inspire the Next

- Project and prototype of Earthing switch for METRO SALONICCO



MST Elektrotechnik

- Supply of indoor disconnectors 1,5kV-4000A / MST ELEKTROTEKNIK (TURKEY)



- Supply of isolation earthing switch 3kV for HV box Z1 / ALSTOM (ITALY)



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- **HITACHI**
Inspire the Next⁺ Project and prototype of Earthing switch for METRO MILAN L4

- **ALSTOM** Supply of Earthing Switch for SMART CORADIA project /
ALSTOM FERROVIARIA (ITALY)

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