

# Leclanché **Capacitors**

A FISCHER & TAUSCHE COMPANY

# Only Capacitors.



# Our ‘‘founder’’

1839-1882



Georges Leclanché

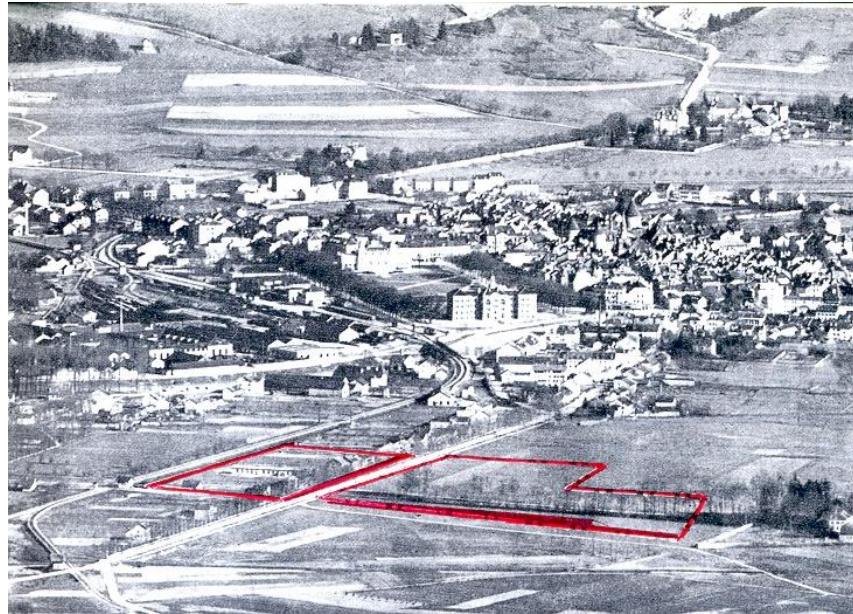
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# Leclanché Capacitors

**1919** Leclanché begins production of paper-based capacitors.



Yverdon-les-Bains in 1919

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# Key Numbers

- Manufacturing capacitors since 1919
- Sales at 14 million Euros
- Employees : 130



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# International Supplier

Leclanché Capacitors has more than 1'000 customers in over 30 countries on five continents

- Factories in Germany and Switzerland
- Distribution in Switzerland through own network
- Reps in Belgium, Netherlands, Spain, France, Germany, Finland, Sweden, Poland, Czech Republic, Great-Britain and Italy



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# Fields of Activity

- Telecommunications
  - Railway, public transportation
  - Railway Signaling
  - Defense
  - Aeronautics, aviation
  - Instrumentation
  - Robotics and machinery
  - Electrical Energy
  - Medical
- 
- T&D, Power Distribution
  - Frequency Filtering
  - Welding machines
  - Induction Heating
  - Electronic Microscopes
  - High Voltage Power Supplies
  - Particle Accelerators
  - Medium and High-Voltage starters
  - Pipeline Inspection Equipment

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# Applications

## High Voltage / High Frequency



- Voltage Multipliers
- Bypassing Circuits
- PLCC Systems
- HF-signal coupling
- High-Voltage power supplies
- Medical
- Particle Acceleration Units
- Laser

## Power

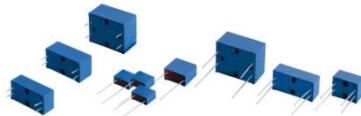


- High-Temp (125°C)
- High Vibration
- RC protection
- Coupling/decoupling
- Filtering, smoothing
- Fast Discharge, pulse
- Energy storage
- Serial resonant circuits
- High RMS current
- SMPS power supplies

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# Applications

## PRECISION



- Instrumentation
- Tuned Circuits
- Analog Filters
- Resonant Circuits
- Temporisation
- Charge Transfer
- Railway Signalling
- Telecommunications
- Security
- High Temp 125°C and more

## ELCO



- 125°C
- Axial
- Power Supplies
- UPS
- Filtering, smoothing
- Energy Storage
- Flash
- Laser
- Bipolar designs

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# Capacitors

## Focus : Power Electronics



- One cap solutions up to 30kVDC
- Very low inductance solutions
- High frequency solutions

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# Production



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# 3 Keys to Success

- I.      Quality
- II.     Competence
- III.    Custom solutions



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# Quality



The Swiss Association  
for Quality and Management Systems

SQS herewith certifies that the company named below has a management system  
which meets the requirements of the normative bases specified below.



**CH-1400 Yverdon-les-Bains**

Certified area

**Whole Company**

Field of activity

**Manufacture and sales of capacitors**

Based on the audit result, SQS issues the

**SQS Certificate ISO 9001:2000**

CH-3052 Zollikofen, January 1, 2007  
This SQS Certificate is valid up to and including December 31, 2009

Scope number 19

Registration number 30695

President SQS

X. Edelmann



Managing Director SQS

T. Zahner

*[Signature]*  
Partner of  
**- IQNet -**

Quality.  
Reliability.

Top value  
for our customers.



**CERTIFICATE**

IQNet and SQS  
hereby certify that the organization

**Leclanché Capacitors**  
**CH-1400 Yverdon-les-Bains**

Certified area

**Whole Company**

Field of activity

**Manufacture and sales of capacitors**

has implemented and maintains a  
Management System  
which fulfills the requirements of the following standard

**ISO 9001:2000**

Scope No: 19

Issued on: 2007-01-01

Validity date: 2009-12-31

Registration Number: **CH-30695**



*[Signature]*  
René Wasmer  
President of IQNet

*[Signature]*  
Theodor Zahner  
Managing Director SQS



AENOR Spain AFAC AFNOR France AIB-Vinçotte International Belgium ANCE Mexico APCER Portugal CTSQ Italy CQC China  
CQA China CGS Czech Republic Cys-Cert Croatia DQS Germany DS Denmark ELOT Greece FGAV Brazil  
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# **Leclanché Capacitors is a Trusted Supplier**

## **Some Customer References :**

- |   |  |  |
|---|--|--|
| <ul style="list-style-type: none"><li>· ABB</li><li>· Alcatel</li><li>· Alstom</li><li>· Areva</li><li>· Bharat Heavy</li><li>· Bombardier</li><li>· CERN</li></ul> | <ul style="list-style-type: none"><li>· SBB/CFF</li><li>· Ericsson</li><li>· Goodrich (Airbus, Boeing)</li><li>· Johnson Electric</li><li>· Philips</li><li>· Renfe</li><li>· SAAB</li></ul> | <ul style="list-style-type: none"><li>· SAGEM</li><li>· Secheron</li><li>· Siemens</li><li>· SNCB</li><li>· SNCF</li><li>· Thales</li><li>· Trenitalia</li></ul> |
|---|--|--|

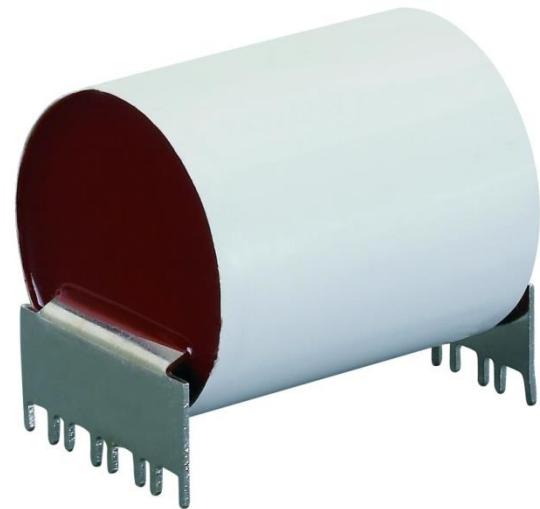
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# Capacitors

**CHALLENGE US !!!**

Send us your problem.

We'll give you the solution.



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