



# Resistel

Résistances Electriques Industrielles

Manufacturer of  
power resistive  
equipment since  
1989



FIELD DISCHARGE CONTACTORS

ENGINE START & MOTOR BRAKING

RAIL TRACTION

LOAD BANK

FILTERING & EARTHING

*From study to commissioning*





## FIELD DISCHARGE CONTACTORS

**TELARC** Field discharge contactors

Up to 5000 A (1000 V AC / 1500 V DC)

Old brand **ABB**

Allows to make / break a contact for high powers

- Flexible: variable number of poles (open and/or closed)
- Robust: up to 5 million mechanical cycles
- High performance: high breaking and closing power



Spares parts  
available  
online



Applications : Railway Substation, Heavy Industry,  
Power Distribution

## ENGINE START

Reliable, robust, cost-effective and harsh-environment-proof technologies

**ROTORIC** starting resistor for all powers

Allows a smooth and efficient start and high starting rates

- Number of start notches: 3 to 12
- Enables managing extended start-up times
- Custom resistance range
- Power cabinet with contactors (optional)
- Easy install and low maintenance



Applications : Crusher engines, Breakers, Belt  
Conveyors, Lifting

7.5 kW to 600 kW **STATORICAL** starting resistance

Limits starting current and avoids water hammer effects

- Allows soft pump start
- Protects both the pump and its motor
- Limits starting current
- Increases life of equipment
- Easy to install and low maintenance



Available  
online



Applications : Irrigation, Pompage

## MOTOR BRAKING

600 W to several MW braking resistors, to secure the lowering of loads. Famous for their reliability in severe cycles

Up to 350 kW variable speed drive resistor

Handles high loads and severe cycles

- Provides fully secure load control
- Allows dissipation of the energy generated by the variator
- High power overload absorption capability
- Preserves equipment
- Custom resistance range



Disponibles  
en ligne



Applications : Lifting, Cranes, Overhead Cranes...

**Ventilated** resistor for high powers

Resistance for high load dissipation with forced ventilation



Applications : Jigh Load Cranes or Overhead  
Travelling Cranes

**Liquid cooled** resistor from 25 kW

Ultra-compact solution for severe maritime environment

- Space saving
- Tested in harsh environments
- Modular construction possibilities
- Single-phase or three-phase application
- Low and medium voltage application

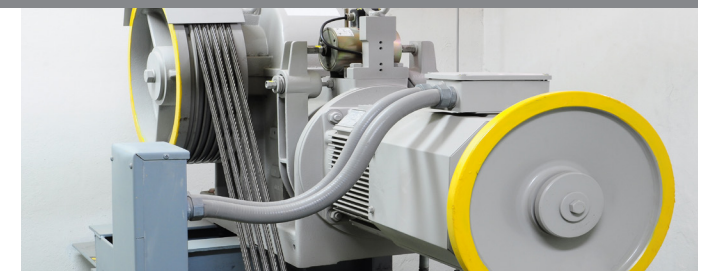


Applications : Naval industry, Offshore Industry,  
Automotive, Data Center

**Special elevator** resistor for all powers

Custom braking resistors for elevators and freight elevators

- Guaranteed security for users and equipment
- Custom projects. Examples: elevators of the T1 Tower in La Défense, the
- Sporting Club de Monaco, Roland Garros
- Supplier of OTIS Elevators Company



Applications : Buildings, Department Stores, Storage

From 600 W to 2 kW resistors

Technologies :

- Bobined
- Cemented
- Vitrified
- Quick delivery



Application : Railway

## RAIL TRACTION

Up to 5,000 Amp equipment  
Public transport, amusement park....

### SAFETY BRAKE RHEOSTATS

Designed to provide powerful braking with very close intervals

- Equipment supply on TGV, TER, tramway, metro
- Re-engineering (THERMOSTATICS, MECANO, ALSTOM, AEI)

### POWER FAN

Axial fans & centrifugal fans  
For traction resistors cooling

### RAILWAY DISCONNECTORS AND CIRCUIT BREAKERS

- Power **disconnectors** for up to 3600 Vdc alternating and continuous current.
- **1800VDC- 1500A circuit breakers**



## OTHER PRODUCTS

### LOAD BANK

The load bank allows the right operation of your electrical facilities (batteries, generators, inverters...).

It allows a longer life span, reducing the risk of breakdown, repair costs and limits the emission of CO2

### FILTER RESISTORS

They reduce harmonic distortions and improve the stability of equipment voltage electrical

### GROUNDING RESISTORS

They ensure the safety of industrial equipment and staff by limiting current faults

## OUR SERVICES

From the installation to the maintenance of your equipment

### Quick & free quotation

Custom quote within 24 hours  
Shipping in 48H  
Worldwide on-station delivery

### Installation & commissioning

Our teams ensure your equipment installation and start-up.

### Assistance & maintenance

Our experts are available from Monday to Friday :  
sales@resistel.com or  
+33 (0)1 60 64 64 46 40

### RESISTEL, AN INNOVATIVE AND EXPERIENCED FRENCH COMPANY

Specialist in design and manufacture of power resistive equipment, of which quality and durability are the guarantee of more than 30 years of worldwide know-how in engine starting.

## CONTACT US

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