



# BLUE STOPPER

## The mastered crimp

sicame



OEM

# About us

sicame  
GROUP

Sicame Group is one of the key players in the electrical equipment business worldwide. It has been able to adapt and develop to support the continuous evolution of electricity infrastructure in France and around the world, and become the largest independent entity in its sector.

A true player in the energy transition, it offers its customers new products and services to improve energy efficiency, deal with environmental risks and support the development of electric vehicle and solar power plant markets.

+65

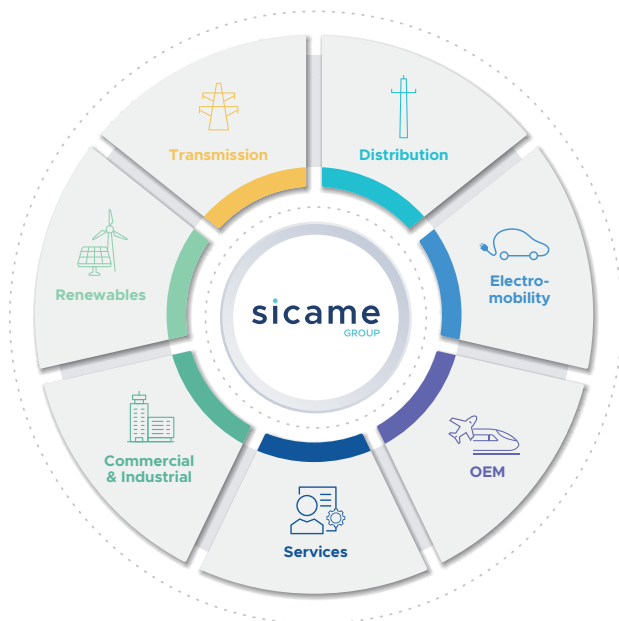
years of worldwide success

525 M€

2022 turnover

3,600

employees



## Our fields of activity

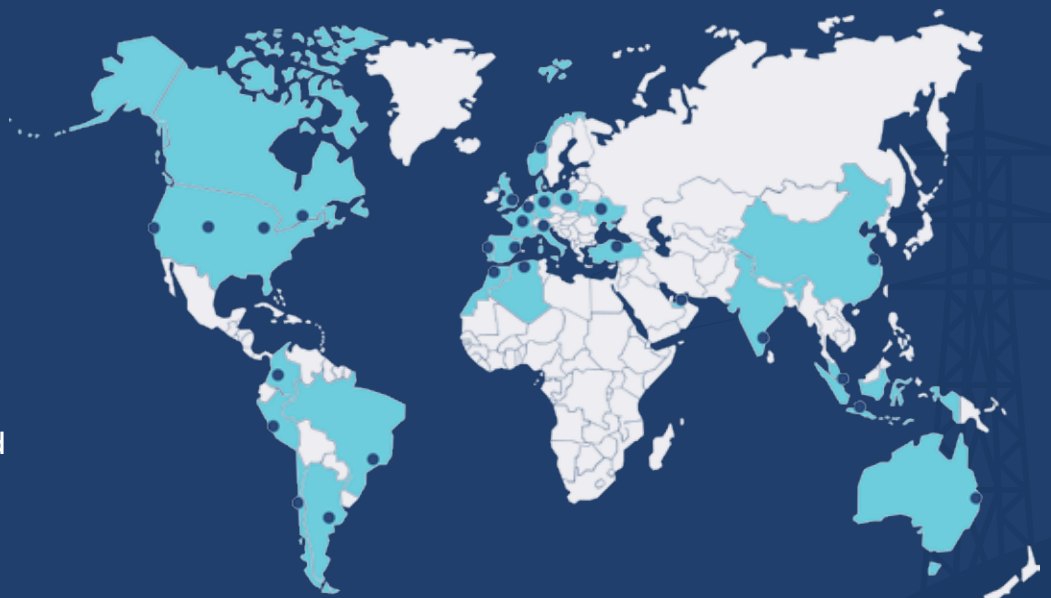
Sicame Group is specialised in **products and services** related to transmission and distribution of **electrical energy**, renewables, electro-mobility, safety equipment and industrial applications.

5 continents

26 countries

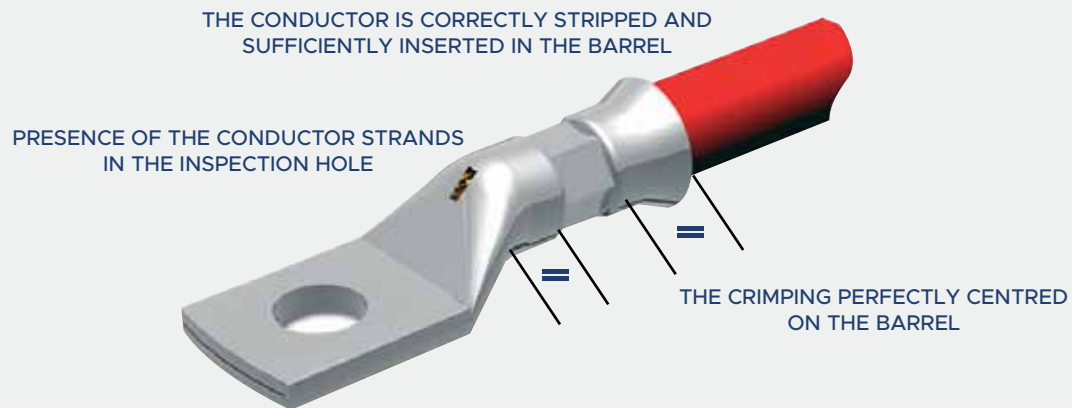
50 companies  
around the world

Products distributed  
in 157 countries



# Crimping golden rules

## Crimping reminder for copper tubular lugs



Important: for excellent mechanical and vibration resistance, the crimping must be centred on the barrel of the terminal.

### Crimp too far forward



#### Cause

- Poorly positioned lugs

#### Consequences

- Partial or no compaction
- Pull-out resistance too low
- Electrical functions degraded

### Conductor not inserted sufficiently



#### Cause

- Poor retention of lug or cable

#### Consequences

- Insufficient compaction
- Pull-out resistance too low
- Electrical functions degraded

### Crimp too far back



#### Cause

- Poorly positioned lugs

#### Consequences

- Crushing of the socket or chamfer
- Decrease in vibration resistance
- Degradation of electrical performance

# Our Blue Stopper solution

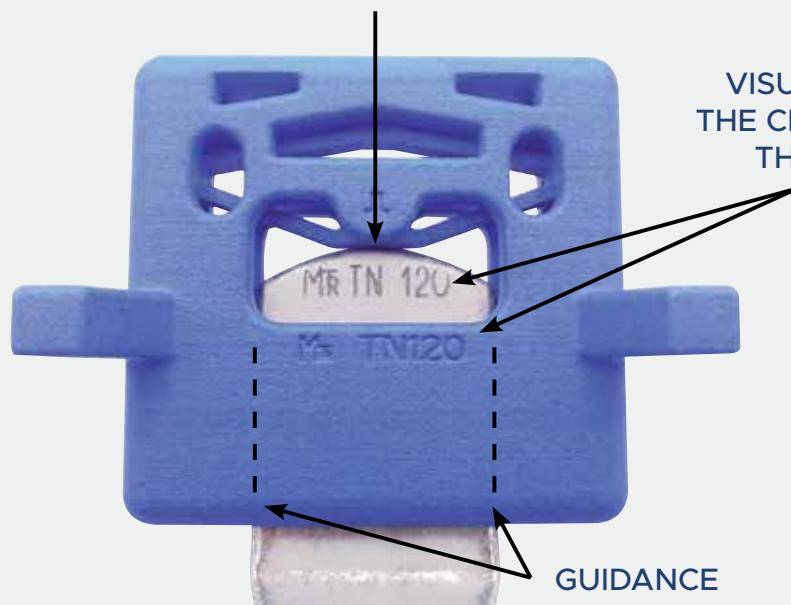
MOBILE STOPPERS COMPATIBLE WITH ALL TYPES  
OF MOBILE STOPPERS OF TN RAILWAY LUGS  
FROM 25 TO 120 mm<sup>2</sup>



COMPATIBLE WITH ALL TYPES OF  
MOBILE STOPPERS



SPRING BLADE TO ACCOMPANY THE EXTENSION  
OF THE TERMINAL DURING CRIMPING



VISUAL MARKING OF  
THE CROSS-SECTION ON  
THE 2 ELEMENTS

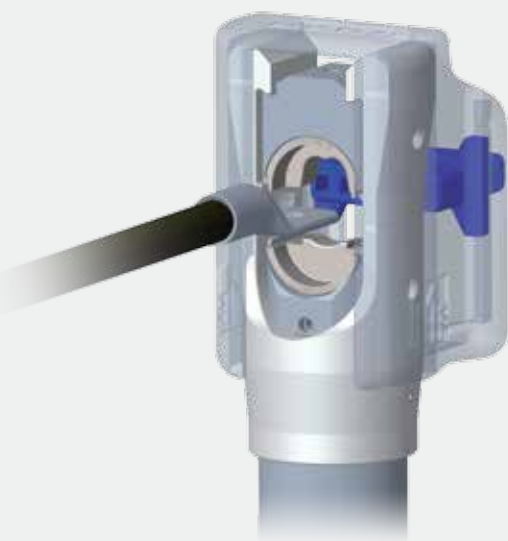
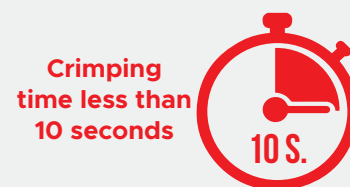
GUIDANCE



Scan to see the video  
presentation

# Application of the stoppers

Example of application on ESU137



1 : INSERTION OF THE TERMINAL  
INTO THE STOP



2 : REFERENCE SETTING



3 : CRIMPING

## Our stop supports

These accessories fit our ESU137 and VF210 tools.



**BSH137** FOR ESU137 PRESS



**BSH210** FOR VF210 CYLINDER



### The crimping under control

These accessories fit our ESU137 and VF210 tools and ensure the crimp is positioned in the middle of the terminal. Our new solution guarantees productivity and repeatability.

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## Blue Stopper, an efficient solution



**Reduces the time  
taken to crimp in series  
by up to 50%**



**Reduced  
scrap**

No risk of positioning errors



**Assurance of quality  
crimping**

Repeatability and consistency

Exact positioning on the barrel

Guaranteed crimping orientation



**Relief for the operator**

No more holding of the terminal  
by the operator

infallible crimp positioning

Simplified crimp training



# The Blue Stopper range for TN lugs

Hexagonal and B crimp compatible



Ref.

Marking

Ref. Stopper

Tools

25	TN25-5	MTR TN25	BSTN25	 <b>BSH137</b> for ESU137 press	 Support <b>BSH210</b> for VF210 cylinder
	TN25-6				
	TN25-8				
	TN25-10				
35	TN35-6	MTR TN35	BSTN35		
	TN35-8				
	TN35-10				
50	TN50-6	MTR TN50	BSTN50		
	TN50-8				
	TN50-10				
	TN50-12				
60	TN60-8	MTR TN60	BSTN60		
	TN60-10				
	TN60-12				
70	TN70-8	MTR TN70	BSTN70		
	TN70-10				
	TN70-12				
95	TN95-10	MTR TN95	BSTN95		
	TN95-12				
	TN95-14				
120	TN120-10	MTR TN120	BSTN120		
	TN120-12				
	TN120-14				
	TN120-16				



Nominal  
section



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