

Distribution

Products and accessories

sicame
NORTH AMERICA

About us

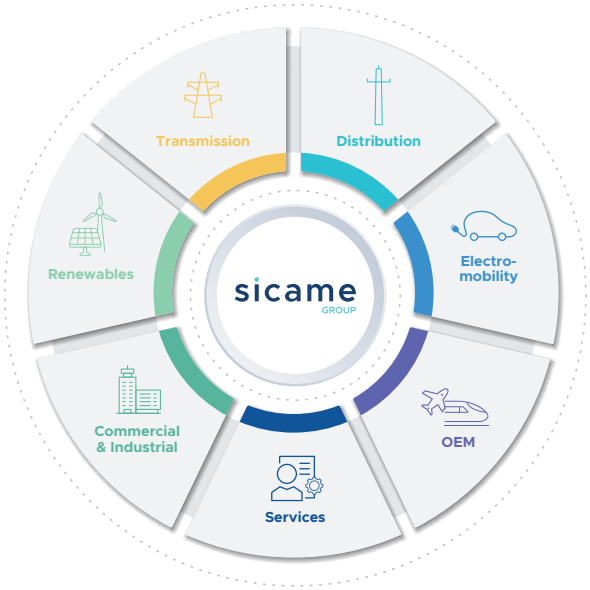
Sicame Group is one of the key players in the electrical equipment business worldwide. We have been able to adapt and develop to support the continuous evolution of electricity infrastructure in the US and around the world, and become the largest independent entity in its sector.

A true player in the energy transition, we offer our 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

$617 M
2023 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.

6 continents

26 countries

50 companies around the world

Products distributed in **157** countries

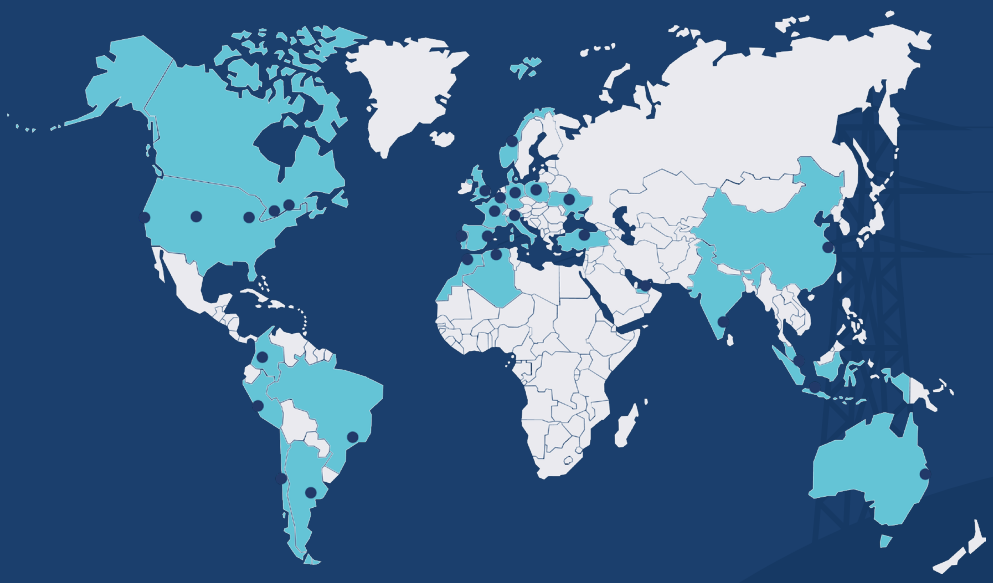


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TTD series

Low voltage overhead (600v)



Features

- Range taking
- Easy installation-no cable stripping
- Water-tight connection
- Fully insulated, no exposed live components
- UV stable
- Shear Bolt controls torque for correct contact pressure
- Bimetallic tin platedcopper teeth allow for connections to either aluminum or copper wire
- V-0 flame retardant design

Application

- Streetlights
- Taps
- Dead-ends
- Metering
- Splicing



Red ‘Turbo’ spacer (FT)

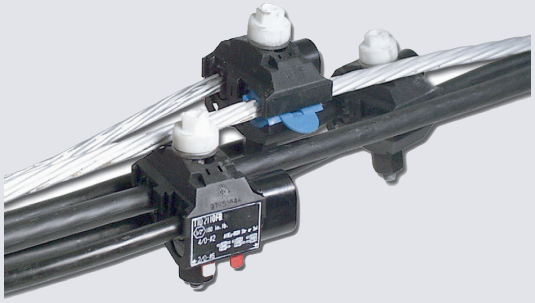
This feature allows the main wire to be inserted and hand tightened, leaving the tap location completely open.



Rubber ‘UNI’ Insert (FBTUNI)

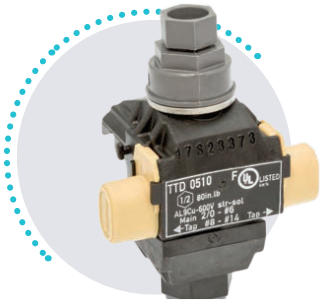
This feature recreates insulation when used on bare wire.





Overhead insulation piercing connectors (LV)

Sicame TTD connector features



TTD####XFT

Basic part number: connector with over-molded shear head and stainless steel bolt, nut and washer, and integrated turbo.

TTD####XFBT

Connector with end cap position (splicing) and turbo spacer.





TTD####XFBTUNI

Connector with end cap position (splicing), turbo spacer and blue insert for use on bare wire.

Installation is simple, fast and reliable
Meets ANSI C119.4 and C119.5 Requirements

Note: Installation with a 6 point socket wrench recommended

Product information

Part number	Conductors range		Torque in inch lb.	Number of bolts	Bolt head size in inches	Qty per box	Current rating		Dimensions in inches		
	Main AWG	Tap AWG					CU AMP	AL AMP	H	W	L
TTD0510XFT	6-2/0	14-8	80	1	1/2	12	55	40	3.6	1.7	2.7
TTD0810XF	750-3/0	14-10	80	1	1/2	12	55	40	4.3	2.4	2.8
TTD1010XFBTUNI	8-1/0	10-2	100	1	1/2	12	190	150	3.7	2.0	3.0
TTD1510XFT	3-4/0	10-2	125	1	1/2	12	190	150	3.9	1.7	2.7
TTD1810XFBTUNI	8-1/0	8-1/0	160	1	1/2	12	190	150	3.7	2.0	3.0
TTD2710XFBTUNI	4-250	6-4/0	160	1	1/2	12	405	315	4.4	2.4	3.2
TTD4010XFBT	1/0-350	1/0-350	330	2	5/8	4	570	445	5.4	3.1	5.0
TTD4010XFT	1/0-350	1/0-350	330	2	5/8	4	570	445	5.4	3.1	5.0
TTD4310XFBT	(500*) 350-2/0	4-4/0	330	2	5/8	4	405	315	5.4	3.1	5.0
TTD4510XFT	4/0-500	1/0-350	330	2	5/8	4	570	445	5.4	3.0	5.0
TTD5010XFBT	4/0-500	4/0-500	330	2	5/8	4	700	545	5.6	3.6	5.7
TTD5510XFBT	(750*) 250-500	250-500	330	2	5/8	4	700	545	5.6	3.6	5.7

*End cap on main side must be removed to reach maximum wire size shown in parenthesis
Note: If cable end is exposed, ensure proper coverage to prevent water ingress

Note: Install with a 6 point socket

Part number	Conductor size	14	12	10	8	6	4	3	2	1	1/0	2/0	3/0	4/0	250	300	350	400	500	600	700	750
TTD0510XFT	Main																					
	Tap																					
TTD0810XF	Main																					
	Tap																					
TTD1010XFBTUNI	Main																					
	Tap																					
TTD1510XFT	Main																					
	Tap																					
TTD1810XFBTUNI	Main																					
	Tap																					
TTD2710XFBTUNI	Main																					
	Tap																					
TTD4010XFBT	Main																					
	Tap																					
TTD4010XFT	Main																					
	Tap																					
TTD4310XFBT	Main																					
	Tap																					
TTD4510XFT	Main																					
	Tap																					
TTD5010XFBT	Main																					
	Tap																					
TTD5510XFT	Main																					
	Tap																					

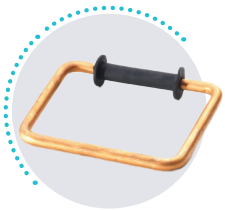
Overhead insulation piercing connectors (MV)

Features

- Range taking
- Easy installation-no cable stripping
- Water-tight connection
- Large range taking ability
- Shear Bolt controls torque for correct contact pressure
- Connections to either aluminum or copper wire
- Bimetallic tin platted copper teeth allow for connections to either aluminum or copper wire



TTDC455010FB



BI95U



CD13AM80B

Product information

TTDC (15 kV, covered main to covered tap)									
Part number	Conductor range				Torque in inch lb	No.of bolts	Bolt head size (in)	Sheath thickness (in)	Qty per box
	Main AWG		Tap AWG						
	AAC	AAAC ACSR	AAC	AAAC ACSR					
TTDC454010FBA	1/0-4/0	1/0-4/0	1/0-4/0	1/0-4/0	220	2	5/8	0.110-0.180	3
TTDC454310FA	1/0-4/0	1/0-4/0	2-1/0	2-1	220	2	5/8	0.110-0.180	3
TTDC455010FB	3/0-477 3/0-*397	3/0-266.8	3/0-397	3/0-266.8	330	2	5/8	0.110-0.180	3
TTDC455310FA	3/0-477 3/0-*397	3/0-266.8	2-3/0	2-2/0	330	2	5/8	0.110-0.180	3
TTDC505010FP2A	4/0-477	4/0-477	4/0-477	4/0-477	330	2	5/8	0.110-0.177	3
BI95U	4/0 copper bail								1

*Ampacity rating is 440 amps

*Splicing connections range based on cable type

Note: Installation with a 6 point socket recommended

Meets ANSI C119.4 Requirement

CD13 (25 kV and 35 kV, covered main to bare or covered tap)								
Part number	Conductor range (splicing)		Tightening torque (in/lb)		Bolt head size (in)		Sheath thickness (in)	
	Main	Tap	Main	Tap	Main	Tap	Main	Tap
CD13AMG80B	1/0-556.5	1/0-4/0	400	160	7/8	1/2	0.236-0.325	0.059-0.118
CD13PB	Piggyback clamp (Recommended for installation of jumpers)							
BI95U-2	4/0 copper bail							
CD13RS	Removal socket							

Note: Install with a 7/8, 6 point socket
(18 V impact wrench recommended, or hydraulic)



CD13AM80B

Piranha series



*Meets ANSI C119.1 and C119.4 requirement 600 volt rated

Bimetallic teeth allow for connections to either aluminum or copper.
Fully insulated, waterproof connector that does not require stripping of the cable.

Application

- Connections in pedestals
- Connections in underground pits
- Connections in streetlight columns
- Underground to overhead transitions
- Buried service connections
- Any wet environment



Features

- Range taking
- Bimetallic nose
- Waterproof
- Easy installation–no cable stripping
- Fully insulated, no exposed live components
- Shear Bolt controls torque for correct contact pressure
- Flexible sealing cable ports that are not affected by the angle of cable entry
- Each port is fitted with a protective end cap

Underground insulation piercing connectors

Product information



PHS2-10-1/0



PHS2-2-350



PHM3-12-1/0



PHM4-6-4/0B



PHMS4-6-4/0B



PHM5-250/350B



PHM5-6-4/0B



PHM5-4/0-500B



PHM6-6-350



PHM6-6-500B

Part number	Cable range	Number of ports	Qty. per box
PHS2-10-1/0	10-1/0	2	10
PHS2-2-350	2-350	2	16
PHM3-12-1/0	12-1/0	3	6
PHM4-6-4/0B	6-4/0	4	9
PHMS4-6-4/0B	6-4/0	4	12
PHM5-250/350B	1/0-350	5	6
PHM5-6-4/0B	6-4/0	5	8
PHM5-4/0-500B	4/0-500	5	6
PHM6-6-350	2 @ 2-350 4 @ 6-4/0	6	6
PHM6-6-500B	2@ 4/0-500 4 @ 6-4/0	6	5

MTRS series

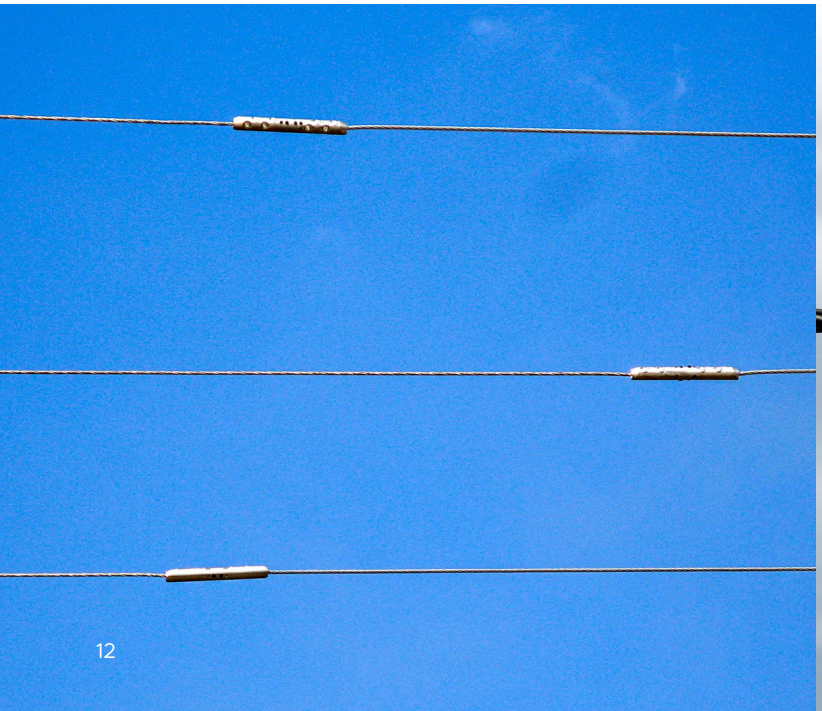


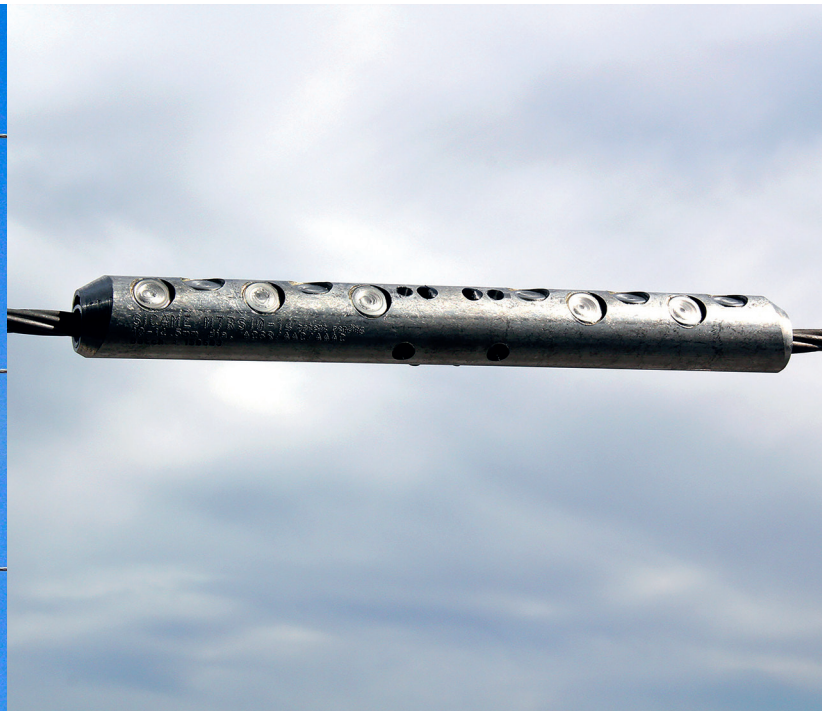
Features

- Large range taking ability
- Double shear head bolts
- Bolts never come in contact with the conductor
- Easy installation–use tools already available on line trucks
- No cable brush required
- No dissimilar metals so no corrosion
- Cable is distended in a wave pattern which greatly increases friction
- Rated for 10,000 lb

Application

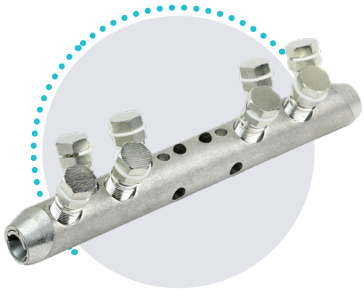
- Repair splice for slack tensioned cables
- Right of way (overhead, water, rail)
- New construction
- Storm repair
- Pole replacement
- Cut outs
- Bare or covered conductor repair



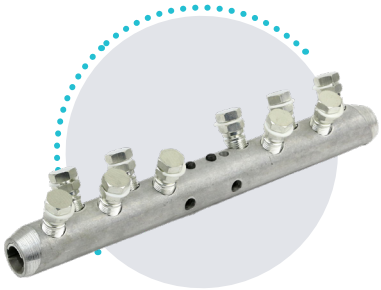


Mechanical tension repair splice

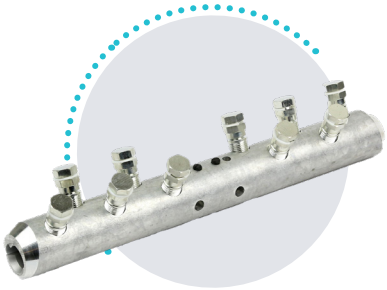
Product information



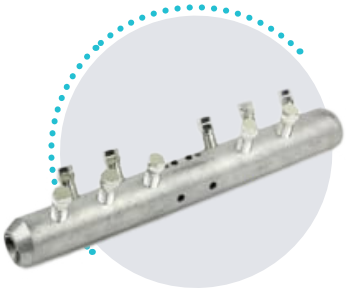
MTRS-01



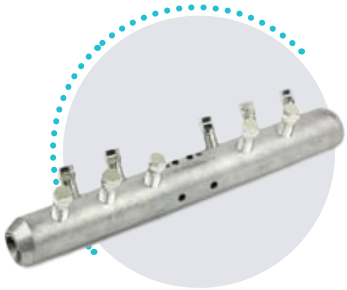
MTRS-02



MTRS-03



MTRS-04



MTRS-05

Part #	Conductor range	Conductor area range (kcmils)	Diameter of conductor (inch)	Conductor type	# Of bolts per side	Bolt head size (in)	Approx torque to shear the bolt (in-lbs)		Length
							First	Second	
MTRS-01	4-1/0	41.7-106	0.236-0.444	AAC/AAAC/ ACSR	4	3/4	520	710	10 1/4
MTRS-02	1/0-4/0	106-212	0.393-0.563	AAC/AAAC/ ACSR	5	3/4	520	710	13 3/8
MTRS-03	3/0-370 kcmil	168-370	0.433-0.740	AAC/AAAC/ ACSR/ACAR	5	3/4	800	975	15 3/4
MTRS-04	330-636 kcmil	330-636	0.669-1.030	AAC/AAAC/ ACSR/ACAR	5	3/4	800	975	17 3/4
MTRS-05	500-795 kcmil	500-795	0.826-1.150	AAC/AAAC/ ACSR/ACAR	5	3/4	800	975	17 3/4

Note: Install with a Hydraulic, or 3/4” drive high-torque impact Wrench and a 6 point 3/4” deep impact socket

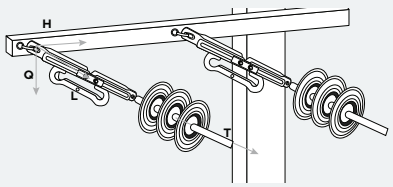


OMEGA series controlled line lengthening device

Line management

Advanced design for smooth and controlled lengthening

Each OMEGA (DAC) model is characterized by a specific setting-load "f". When the conductor's tension just exceeds its elastic limit, the OMEGA-shaped link opens out progressively and smoothly as a result of the plastic deformation of the arm below.



The determination of the DAC-OMEGA nominal setting-load is critical for good operation.

If it is function of the maximum admissible tension of the cable (T) which is function of the anchoring pole setup as well as vertical.

(Q) transversal (H) and longitudinal (L) loads.

Omega series

Omegas can be outfitted for IOT communication, contact us for more info

Tension link

The tension link allows to connect the OMEGA to the cross arm.

Extension rails

The extension rails act as an extension stopper and limits OMEGA stretching to a calibrated opening. Different sizes are available on request.

Extension marker

The product ID plate allows to identify the product size by its color. When the OMEGA has gone through plastic deformation, the plastic tag gets off. The OMEGA then needs to be replaced.

The clevis link

The clevis link allows to tie the OMEGA to the insulator string.



Stress test marks

Each OMEGA undergoes a stress test in order to validate right calibration of the link.

The OMEGA deformable link

The OMEGA link is the key element of the product. From specially selected steel, this part is machined with high precision process in order to allows smooth stretch at the right tension.

Yoke pins

The yoke pins allow to keep the OMEGA altogether and act as stopper to limit the OMEGA stretching length.

Corrosion prevention

All parts of the OMEGA are Hot Dip Galvanized for high corrosion prevention.



Temporary repair

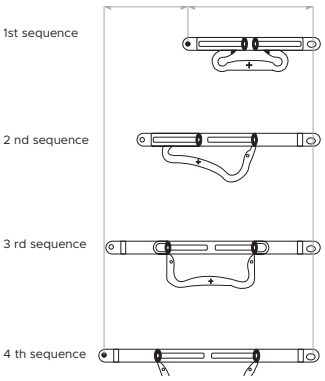
If the omega is stretched, the sage of the line can be immediately restored

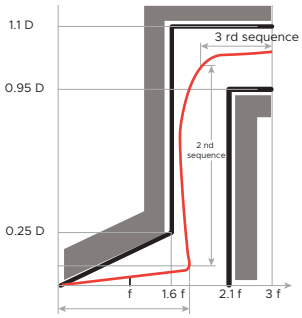


Stretch pattern

Illustration of the stretch pattern of the DAC omega.

Figures below, the DAC-OMEGA operates in 4 sequences:





Protection of overhead distribution lines against mechanical overloads

Accumulations of ice, grime, and wet snow on distribution lines, along with fallen trees, can significantly increase conductor tension. This increased tension may cause extensive damage to supports and cross-arms, potentially resulting in prolonged outages, costly repairs, and even necessitating complete line reconstruction.

The conductor tension control devices (DAC) are used as a means to protect dead-end supports and cross-arms. They are designed to provide, in a smooth manner, extra slack in the dead-end spans as the conductor tension just exceeds a nominal value.

The patented OMEGA device provides:

- Comprehensive and reliable concept designed for long lifespan
- Independent protection of each conductor preventing the torsional failure of supports
- Possibility of immediate, temporary re-sagging the following activation
- Easy to install and replace

The OMEGA allows the line to sustain an overload of up to 30% weight due to wet snow, ice or wind.

Safety solutions and personal protection equipment

Arc flash helmet

- The only all-in-one integrated helmet with arc flash face shield on the market
- 3 seconds installation
- Perfect balance on the head for great comfort and safety
- A very good-looking and aesthetic, modern design
- No more scratch: the face shield is protected when not in use
- A 20 cal/cm² shield easier to use and wear than the regular 8cal/cm²

complies
NFPA 70E
ATPV 20
Cal/cm²



Mechanical & electrical
protection helmet
EN 397/ EN 50365
CSA Z94.1
ANSI Z89.1

Retractable
face shield
high visibility
IR & UV Protection
NFPA 70E
ASTM F 2178
ANSI Z87.1
IEC 61482-2
IEC 61482-1-1
IEC61482-1-2 class 2
GS-ET 29

Light, compact
and flexible protection
in Arc rated fabric
ASTM F1959
ASTM F1506

Insulating gloves

- Specially treated rubber featuring high dielectric characteristics
- Shape studied to achieve better ergonomics
- 14'' (36 cm) long





Pneumatic tester

- Designed for compulsory control of insulating gloves before use
- Check complete by inflating gloves before immersing in water
- Body molded from a thermoset material

Arc flash

Whole protection of the head (eyes, face and neck protection) against thermal hazards of an arc flash

- APC: class 2
- ATPV 25-40 cal/cm

Protection against thermal hazards of an electric arc, heat and flames, welding hazards and being antistatic

- APC: class 2
- ATPV 25-40 cal/cm
- Red anti-panic zip



Protective clothing



Helmet



Insulated boots

- Capable of resisting over 35 kV at the sole and 20 kV over the whole boot for up to 8 hours
- Non-slip vulcanized rubber sole (SRC), resistant to high heat, oil and petrol
- Reinforced steel and epoxy-coated tip for protection up to 200 J

Insulated hot sticks and tool kits

Insulated tools for live working at low voltage (1000 V-1 500 V) includes:

- 3 flat blade screwdrivers
- 2 Pozidriv screwdrivers
- 1 wire stripping plier
- 1 bent snipe nose plier
- 1 cable cutter plier

Earthing and short-circuiting Indoor/outdoor (under wet conditions)

- Extended length 2.1 m
- Maximum voltage 90 kV
- Easy unfolding/folding and locking by push button



Tool kits



Hot kits



Starpole™
Anchoring system

Hassle-free pole anchoring system designed to install and secure poles (wooden, composite or other material) in place on rock, concrete or any hard surface

Rather than spending precious time and money in blasting, simply drill 4-holes and tighten

- Safe: Eliminates the risks and environmental hazards inherent in blasting
- Easy to install: easy to set up and light equipment to handle. No skilled labor is required
- More productive: allows more poles installed per day, even in extreme environmental conditions
- Universal system: fully adaptable, designed for poles of any kind
- Your best choice to secure poles in place
- options for installations on composite poles



STARPOLE ANCHOR

Very sturdy | Easy to install
our best choice to secure poles in place

Service solutions

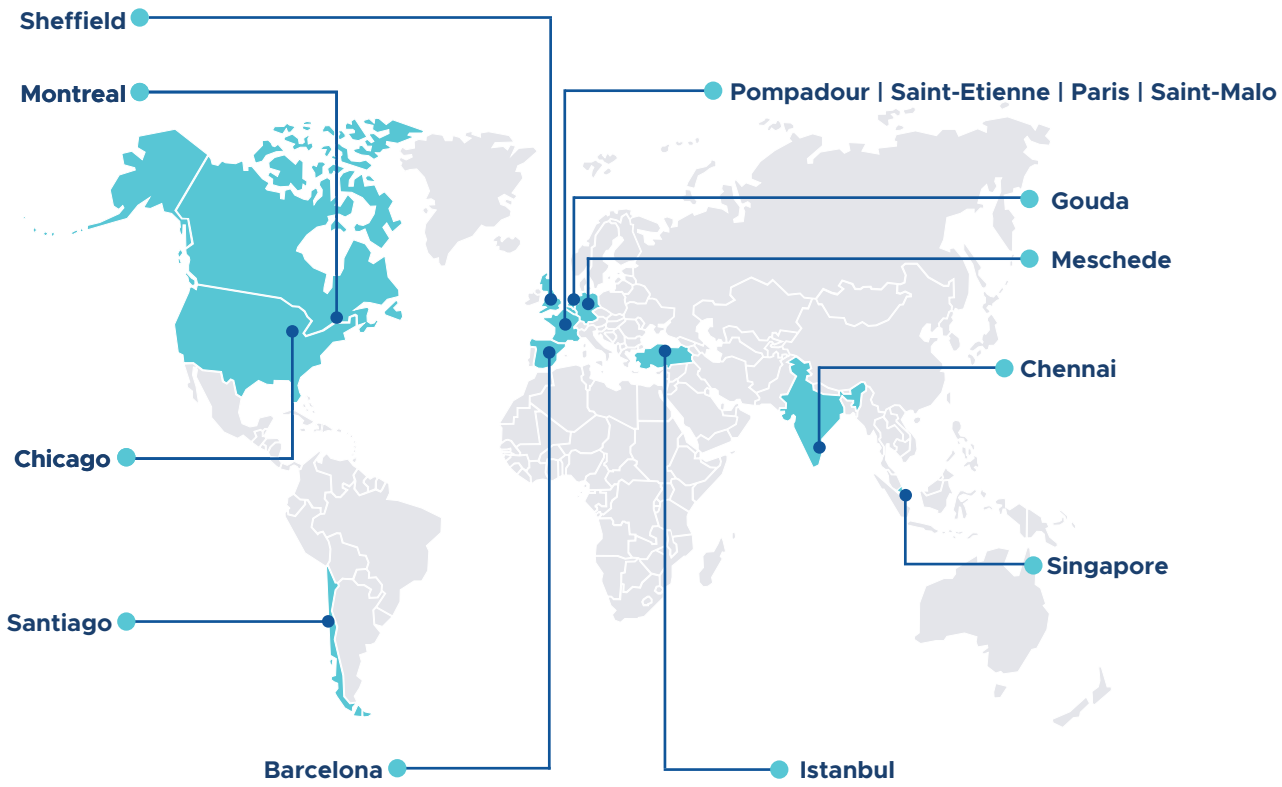


Service centers

What is a service center?

Our service centers feature highly trained and certified expert technicians from the Sicame Group. Equipped with the necessary materials and facilities, they are ready to provide thorough verification and maintenance for your products.

- Tools and dies maintenance
- Safety equipment retest for certification
- Calibration
- Tool and equipment rental
- Professional training



What do we offer?

Fast service	A center close to its customers	Qualified Sicame Group experts	6 months guarantee for the repair	Tools demonstration	Assets traceability: **Check Me**



Mobile testing lab

For over 10 years, we have provided Mobile Laboratory services across the provinces of Quebec, Ontario, and New Brunswick. This personalized service is highly valued by users, as it minimizes security equipment downtime by allowing same-day pickup.

Our technicians receive ongoing training to ensure compliance with current standards, maintaining their expertise at the highest level. We perform controls, maintenance, calibration and testing for certifications on tools, equipment, materials and PPEs, in our certified service centers or on customer site.

Safety

- Single and bipolar HV/LV AC equipment
- Bipolar HV/LV DC equipment
- Insulating safety gloves
- Hotsticks
- Grounding and short-circuiting equipment

Tools

- Control and maintenance of crimping tools and dies
- Cable cutters





sicame | SERVICE CENTER

Montreal: 450 679 7778 | ventes@sicamena.com
Chicago: 866 457 4830 | info@sicamena.com

Why do PPE tests and maintenance?

- Ensure the safety of your teams
- Extend your product life
- Reduce your ecological footprint
- Optimize your investment
- Keep track of your equipment fleet reports

With decades of manufacturing experience, we provide reliable, high-quality maintenance, calibration, and testing services for your protective and safety equipment.

We can test safety products from all reputed manufactures

- Insulating gloves
- Insulating shoes and boots
- Insulating mats
- Insulating sticks
- Earthing system
- HV and LV voltage detectors
- Insulated tools

Our benefits

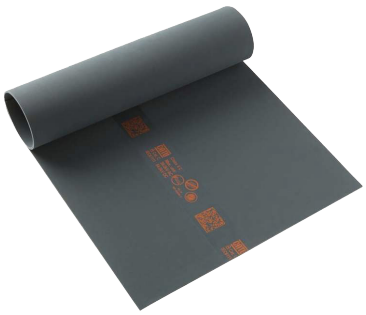
- Periodic inspection of your insulating gloves, mats, sticks, shoes, etc.
- Traceable certificate of calibration
- Track record of historical data (Datamatrix)
- General cleaning and sanitizing of your equipment
- Anticipated retesting date notifications











Arc flash studies

We provide a holistic approach for the management of the arc flash hazard.

- One stop shop solutions
- Risk reduction workshop with Client's Engineering and HSE
- Our consultants identify and prioritize Risk Control Measures by attention to a sound targeted strategy to optimize cost/benefit considerations



CHECK *me* by SICAME

Your new online traceability plaform

Check *me* is a software application to manage your assets including PPE, toolings, machines and people,

Protect your employees and **improve** the monitoring of protective equipment throughout its life cycle,

Manage your equipment and tools easily by anticipating maintenance operations improve the quality of interventions and the traceability of operations

Automatic display

Equipment fleet managment

Instant dashboard

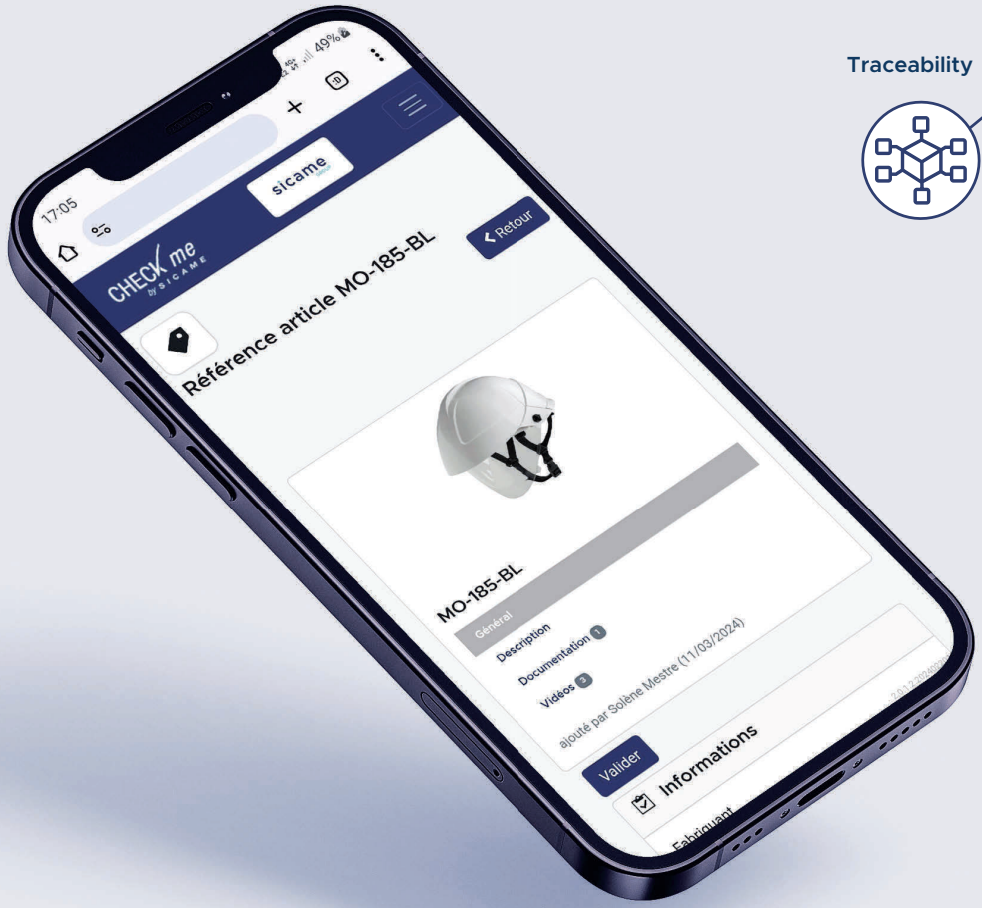
Compliance by controls planning

Operational efficiency

Geolocation

Traceability

Defined control frequency



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sicame GROUP

Sicame Group

+33 (0)5 55 73 89 00
1 boulevard Marius Vivier Merle, 69003 Lyon, France

sicame-group.com

Sicame North America
sicame-north-america.com

866 457 4830
info@sicamena.com

1674 Frontenac Road
Naperville, IL 60563, United States

sicame NORTH AMERICA

sicame-north-america.com

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