

CATALOGUE

2021 EDITION



THORNE &
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INTERNATIONAL

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EXPERT IN ELECTRICAL
RISK PREVENTION

CATUTM

SICAME GROUP

DEAR CUSTOMERS,

By your side for over a century, we are pleased to present the new version of the CATU 2021 catalogue. This collection is dedicated to industry, residential, construction and services.

In Europe and in the rest of the world, new clearances allow a larger population to perform electrical and non-electrical work on or around installations and structures, in compliance with prevention rules. CATU is fully committed to supporting you to improve operator safety. Our constant actions to improve our solutions for protection and prevention against electrical risks are carried out in collaboration with our users and partners in France and all over the world. They guarantee our deep commitment and our security obligations towards all our customers.

Our expertise and our listening skills allow us to respond quickly to the needs related to the energy transition by offering solutions dedicated to the new market segments of electro-mobility, energy storage, renewable energies, and rail.

For a better reading comfort, you will discover in the following pages, a greater fluidity of presentation of the solutions. We have also added a new segmentation of PRO and EXPERT products as well as selection guides to assist you in your selection. Finally, highlighting FOCUS products and their benefits will make your choices easier.

Our Sales Department remains at your disposal (phone: +33 1 42 31 46 08 email: service.export@catuelec.com) for any request or information.

Thank you for your confidence in us!

CATU Team



Together for the past
100 years in the **prevention**
of **electrical risk**, and for
the 100 years to come!



IEC



Testing
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EARTHING CLAMP/ LOCK-OUT PADLOCK SOLUTION

Secure and protect
installations during
maintenance operations



MT-870

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OUR PRACTICAL
GUIDES ON:
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PPE - CPE

WORK AT HEIGHT, A PRODUCTS RANGE IN LINE WITH THE EUROPEAN DIRECTIVE



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SAFETY EQUIPEMENT REGULATION

The European standards define the rules for all the elements of protection against the risks of work at height. Support, saving, or protecting against falls from a height.

KEY PRODUCT STANDARDS

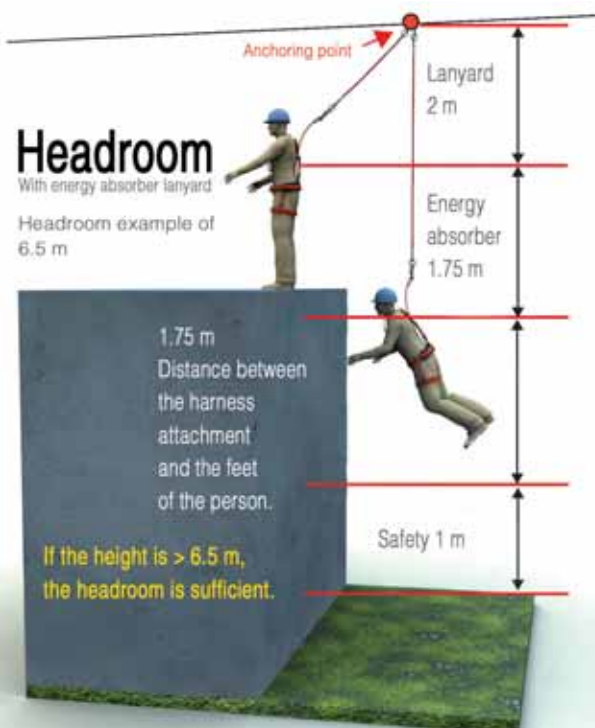
- EN 353-1 Fall arrest grab for rigid support.
- EN 353-2 Fall arrest grab for flexible support.
- EN 354 Restraint lanyard.
- EN 355 Shock absorber lanyard.
- EN 358 Work positioning systems.
- EN 360 Retractable type fall arrestors.
- EN 361 Fall arrest harness.
- EN 362 Connectors.
- EN 363 Fall arrest systems.
- EN 813 Sit harnesses.

Removal of the minimum height of 3 m:

After a risk evaluation, protective equipment is required as soon as there is a risk of a falling.

- The use of access and positioning techniques by means of ropes must comply with the following: a working rope, a safety rope fitted with a fall arrestor system, with two separate anchoring points. Workers must be provided with suitable fall arrestor harnesses connected to both ropes. Safe descent/mounting systems with a self-locking system and a mobile fall prevention system must be provided.
- The work must be programmed and supervised so that assistance can be given immediately to the worker in the event of an emergency.

The workers must receive suitable and specific training in the operations considered and in the rescue procedures.



Scan to download our Safety Guide:





WORK AT HEIGHT: HARNESSES AND EQUIPEMENT



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ATEX FULL BODY HARNESS

- Universal size. Adjustable by rectangular buckles.

To work in ATEX atmosphere:

- Zones 1 and 2 for gas and vapours
- Zones 21 and 22 for dust.
- CE number : 3336.

Reference	Size	
		Weight
MO-72-ATEX	Universal	0.8

BENEFITS

- Reinforcement on the back, shoulders and thighs.
- 1 fall arrest dorsal anchor point
- 1 fall arrest chest anchor point: composed of 2 D-rings to use together.
- Polyester straps 47 mm wide.
- Thigh straps reinforced with automatic buckles.




EN 361



PRO ELECTRIC FULL BODY HARNESS

Particularly suitable for working with overhead networks.

Reference	Size	
		Weight
MO-563-A(*)	S	2.7
	M	
	XL	
(*) Reference to be completed by the size (example: MO-563-A-M). Delivered in cloth bag.		

BENEFITS

- 180° rotation of the positioning belt.
- Dorsal anchor point on short strap.
- Sternal anchor point on 2 butterfly harness straps, to be used together.
- Adjustable shoulder straps elastic stray.
- Automatic "clip" loops on the leg straps and belt.
- 2 attachment points for maintaining at work.
- Reinforced and adjustable leg straps
- Tools holders.
- Back-rest with storage place for the periodic maintenance sheet.




EN 358

EN 361



FULL BODY HARNESS

Reference	Size	
		Weight
MO-71	One size	1.9

Delivered in a canvas bag.



EN 358
EN 361
CE



BENEFITS

- Attachment points: dorsal and sternal
- 2 buckles of work positioning.
- Work positioning belt.
- Adjustable straps.
- Back-rest.



FALL ARREST KIT FOR WORKING ON PYLON

Equipment suitable for working on all types of pylons, metal structures, antenna supports or metal poles.

Composition	Reference: KIT-HAUT-05
MO-71	1 harness with 2 anchor points
MO-54010	1 double fall protection lanyard with shock absorber, length 1.2 m
MO-56009	1 support lanyard with tensioner, length 2 m
M-87295	1 carrying bag

EN 361
EN 358
EN352-2
EN355



BENEFITS

- Complete set for safe pylon working.



MO-71



MO-54010



MO-56009



M-87295



WORK AT HEIGHT: HARNESSES AND EQUIPEMENT



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RESCUE KIT

Kit to evacuate an operator working at height being hung, anchored to his lanyard, after a fall or unable to descend by his own means. For maximum descent height of 20 meters. The kit can be handled by a single operator.

Composition	Reference: KIT-MD04-R
MO-52033	Anchoring belt
MO-346-R	Triple blocks set with 5 m rope
MO-54	Oval carabiner
MD-02	Descender
MO-69/20-R	20 m rope
MO-54004	Large opening Snap carabiner with automatic locking
MO-42/2	Bag

BENEFITS

- Easy to use.
- A single operator is sufficient to handle the whole system and to evacuate an operator in jeopardy.



MO-69/20-R



MO-54



MO-54004



MO-346-R



MD-02



MO-52033



MO-42/2

EN358

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
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TOOL BAG FOR SAFETY HARNESS

2 pocket leather pouch.

Seam and rivet assembly.

Reference	 (mm)	kg
		Weight
MO-32/3	270 x 230 x 100	0.835





EN 353-2



MOBILE FALL ARRESTER KIT

Kit made of 1 X MO-68/15 fall arrester with a 3 strand rope. Must be exclusively used with its special 3 strand Ø 15 mm rope fitted with a spliced upper end. To use with a harness.

Reference	Semi-static rope		kg
	 (m)	 (mm)	Weight
MO-68/10	10	15	4
MO-68/15	15	15	6






BENEFITS

- Moves freely to the top along the rope without any manual intervention.
- Instantly arrest fall.
- Need a specific action to unlock.



MOBILE FALL ARRESTER KIT

Kit made of 1 X MO-69/10 mobile fall arrester, two carabiners with security and a semi static rope. Must be exclusively used with its Ø 11 mm rope. To use with a harness.

Reference	Semi-static rope		Static resistance	 Weight
	 (m)	 (mm)		
MO-69/10	10	11	≥ 15 kN	4
MO-69/15	15	11	≥ 15 kN	6
MO-69/20	20	11	≥ 15 kN	8



BENEFITS

- Suitable for working on inclined planes.
- Fall protection device for rope with automatic locking system.
- Must be supported on descent.
- Moves freely to the top along the rope without any manual action.

EN 353-2



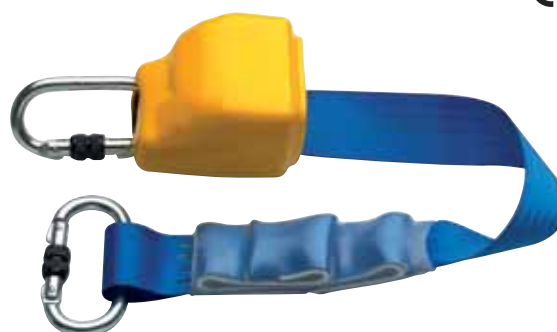
AUTOMATIC RETRACTABLE LANYARD WITH ENERGY ABSORBER

Reference	Lanyard length	Static resistance	 Weight
	 (m)		
MO-591000	2	≥ 15 kN	1.6

BENEFITS

- Fall protection: automatic locking retractable strap, fitted with a shock absorber. With automatic locking retractable lanyard belt and energy absorber.
- Including 2 oval carabiners.

EN 360


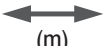


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AUTOMATIC RETRACTABLE FALL ARRESTER

Reference	Length	Static resistance	
	 (m)		Weight
MO-591002	10	≥ 12 kN	5
MO-592002	20	≥ 12 kN	7

BENEFITS

- Integrated braking mechanism and dissipating element. Self locking mechanism and automatic tensioning and return facility.
- Including a carabiner.





EN 360
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ANTI-TRAUMA SECURITY STRAPS


The straps are equipped with loops for the feet allowing the operator to stand straight. This relieves the pressure on the arteries that surround the upper legs. The two straps can be bound together with the including quick connector. Product composed of a pair of straps. Each strap is folded in a fabric case. Quick and easy installation of the device after the fall operator. Could be used with all harnesses.

Reference		
	Total length	Weight
SO-10	maxi: 1.3 m	0.2



ROPE BLOCKER WITH LEVER STRETCHER

Allows you to adjust the length of a lanyard during work. For maintenance work function. Must be only used with a 3-strand 15 mm diameter lanyard CATU MO-052.

Reference	Characteristics	
		Weight
MO-61	Manual stretcher	0.450



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TETHER ROPE WITH TENSION DEVICE

Ideal for all horizontal works, and maintaining at work.

Reference			
	(m)	(mm)	Weight
MO-56009	2	12	0.750

BENEFITS





- Tensioning device: A double-locking system instantly stops the rope.
- Polyamid rope.
- Connector made of light alloy with double safety.

EN 358



FORKED LANYARD WITH ENERGY ABSORBER

Fall protection function.

Reference				
	(m)	(m)	(kN)	Weight
MO-52020	1.5	3	≥ 22	1.1
MO-52021	2	3.5	≥ 22	1.2

BENEFITS




- 2 steel snap 54 mm opening carabiners with automatic locking.
- Strap adjuster.
- 1 steel snap hook with screwing locking.
- Energy absorber.

EN 355



ADJUSTABLE LANYARD WITH ENERGY ABSORBER

Fall protection function.

Reference			
	(m)	(kN)	Weight
MO-54020	1.5 m of straps	≥ 22 kN	1.5

BENEFITS

- Energy absorber.
- Automatic hook carabiner.

EN 355







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FORKED LANYARD WITH ENERGY ABSORBER

Fall protection function.

Reference	 (m)	 (m)	 (kN)	 Weight
	Length	After rupture		
MO-54010	1.2 m of straps	3	≥ 22	1.4

BENEFITS

- 2 steel snap carabiners with automatic locking.
- 1 steel snap carabiner with screwing locking.
- Double tether rope with energy absorber.



EN 355
CE



SAFETY ROPE WITH SPLICED EYE

Safety rope, 100% polyester made of 3 white strands with black central thread.

Reference	 (m)	 (mm)	 (kN)	 Weight
	Length			
MO-052	4	15	≥ 22	0.8

BENEFITS



- Static rope with wear indicator.
- Spliced eye with plastic reinforcement.



EN 354
CE



LANYARD

Reference	 (m)	 (mm)	 (kN)	 Weight
	Length			
MO-053	1.5	10	≥ 22	0.2

BENEFITS

- Synthetic fibre ropes.
- Loops spliced at both ends.





EN 354
CE





DOUBLE SAFETY DESCENDER DEVICE

Double safety manual descender. For 11 mm static rope. Ergonomic shape to improve the self-adjusting descent.

Reference	 Lanyard	 kg
	(mm)	Weight
MD-02	11	0.4

BENEFITS

- Stainless steel piece.
- High-resistance handle. Anti-panic and anti-faint (auto-locking).




EN 341-A



ASCENSION BLOCKER

Over-moulded ergonomic handle.

Reference	Compatibility	 kg
		Weight
MD-03	11 mm semi or static rope	0.2

BENEFITS

- Light alloy.
- Blocking the rope by retractable trigger.



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OVAL CARABINER

Reference	Opening	F		kg
	(mm)	(kN)	(mm)	Weight
M0-54	18	20	100 x 58	0.154

BENEFITS

- Safety lock with threaded nut.



EN 362



CLIMBERS FOR STEEL POLES

For IPN, H ou L shaped poles.

Reference		kg
	(mm)	Weight
M0-23	5 to 20	5.1

Delivered by pair.

BENEFITS

- Hard forged steel.



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