



LOCKOUT / TAGOUT SOLUTIONS

for electrical and hydraulic installations



CATU™

SICAME GROUP



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LOCKING, an essential stage for lockout.

Irrespective of whether servicing or work involves an item of electrical installation or work equipment, a lockout must be done to ensure the safety of the teams working on the job.

Depending on the environments, default lockout accidents are caused by the:

- *Continued presence of live conductor parts for electrical installations.*
- *Presence of pressurized fluids (hydraulic circuits).*
- *Presence of unstable mechanical systems.*



The corresponding recommendations must be applied for each risk, but in all cases specific locking with regard to the risk considered must be set up.

Sometimes the overall analysis of risks reveals a combination of the different risks which makes a more extensive locking operation mandatory. This is especially the case with electricity production equipment.

What does locking mean?

The purpose of locking is to separate cut off or neutralisation parts with a suitable, and sufficiently protected system to prevent any operation by unauthorised persons (switching on power for an electrical installation). Locking is generally accompanied by signs.

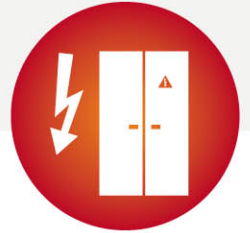
For the electrical domain, setting up and removing the lockout are described in French and European standards (EN50110-1).

For electricity production equipment.

More generally, the safety recommendations are included in Directive CE7: 2009/104/EC on the minimum health and safety recommendations for using work equipment.



Locking padlocks and accessories



Locking
padlocks



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Multiple
lockers



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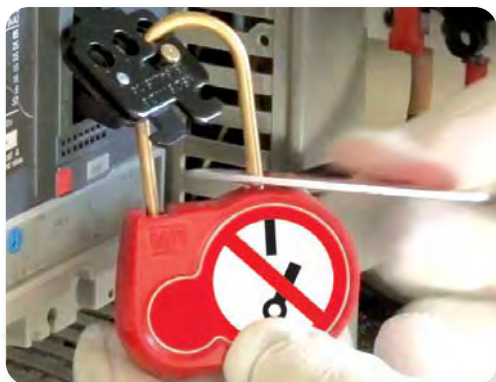
Padlock
stations



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Locking padlocks



Locking padlocks prevent any separation unit (circuit breaker, cabinet, etc.) from being used. In brass to prevent any corrosion, it is protected by two plastic covers with signs.

INDEX

mm Total height

mm Diameter

g Weight

Models with insulated shackle

Shackle covered with insulating red PVC.

Reference	Shackle mm	Shackle mm	Colour	g
AL-260-(**)-EX	50	6,2	●	200
AL-260-00-EX	50	6,2	●	200
AL-260-Z-EX	50	6,2	●	200
AL-260-S-(**)-EX	70	6,2	●	210
AL-260-S-00-EX	70	6,2	●	210
AL-260-S-Z-EX	70	6,2	●	210

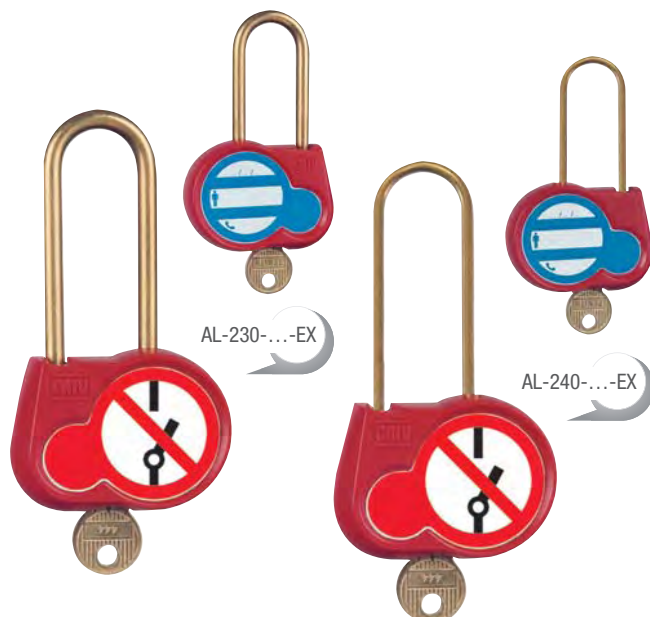
(**) Add the key numbers 111 or 222 only.



Special models with pictograms

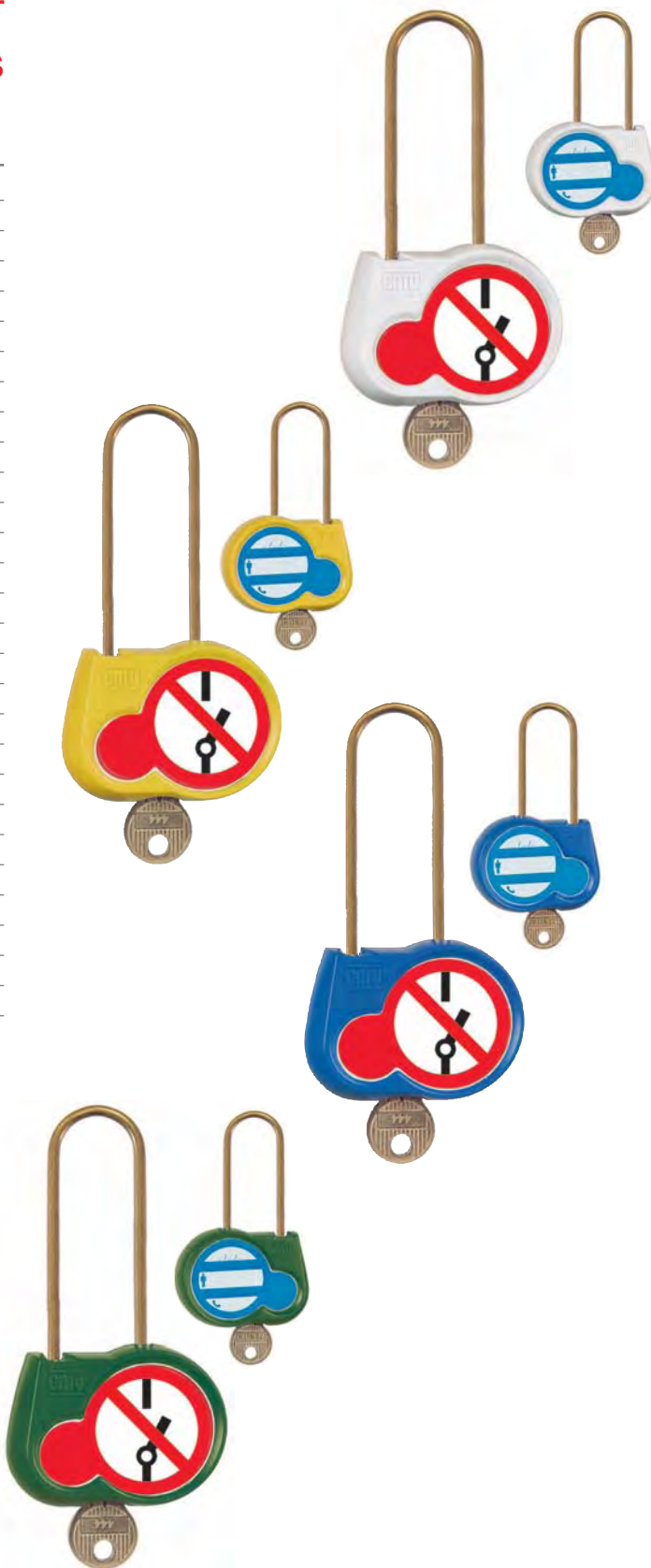
Reference	Shackle mm	Shackle mm	g
AL-230-(**)-EX	50	6	204
AL-230-S-(**)-EX	70	6	214
AL-230-Z-EX	50	6	204
AL-230-S-Z-EX	70	6	214
AL-240-(**)-EX	50	4	192
AL-240-S-(**)-EX	70	4	198
AL-240-Z-EX	50	4	192
AL-240-S-Z-EX	70	4	198

(**) Add the key numbers 111 or 222 only.



Colour models

Reference	Shackle mm	Shackle mm	Colour	g
AL-240-B-111-EX	50	4	○	192
AL-240-B-222-EX	50	4	○	192
AL-240-B-Z-EX	50	4	○	192
AL-240-B-00-EX	50	4	○	192
AL-240-S-B-111-EX	70	4	○	198
AL-240-S-B-222-EX	70	4	○	198
AL-240-S-B-00-EX	70	4	○	198
AL-240-J-111-EX	50	4	●	192
AL-240-J-222-EX	50	4	●	192
AL-240-J-Z-EX	50	4	●	192
AL-240-J-00-EX	50	4	●	192
AL-240-S-J-111-EX	70	4	●	198
AL-240-S-J-222-EX	70	4	●	198
AL-240-S-J-00-EX	70	4	●	198
AL-240-BL-111-EX	50	4	●	192
AL-240-BL-222-EX	50	4	●	192
AL-240-BL-Z-EX	50	4	●	192
AL-240-BL-00-EX	50	4	●	192
AL-240-S-BL-111-EX	70	4	●	198
AL-240-S-BL-222-EX	70	4	●	198
AL-240-S-BL-00-EX	70	4	●	198
AL-240-V-111-EX	50	4	●	192
AL-240-V-222-EX	50	4	●	192
AL-240-V-Z-EX	50	4	●	192
AL-240-V-00-EX	50	4	●	192
AL-240-S-V-111-EX	70	4	●	198
AL-240-S-V-222-EX	70	4	●	198
AL-240-S-V-00-EX	70	4	●	198





Choose your locks!

A complete line of AL padlocks to meet all of your needs

Shackle diameter			Shackle length		Body colours					Keys			Stickers
Ø 6.2 mm	Ø 4 mm	Ø 6 mm	50 mm	70 mm	Red	White	Yellow	Blue	Green	Standard	Random	Upon request	Picto
260	240	230	–	S	–	B	J	BL	V	(*)	Z	00	EX
Isolated ring													

To order your padlocks

Bill of material as a reference for your padlocks:

AL - XXX	-	X	-	X	-	XXXX	-	XX
↑		↑		↑		↑		↑
Shackle Ø: 240 (Ø 4 mm) or 230 (Ø 6 mm) or 260 (Ø 6.2 mm)		Shackle length: nothing or S (50 or 70 mm)		Colour: nothing or B or J or BL or V or OR		Key: number from 111 to 9999 or Z or 00		Stickers: EX

1st example :

Insulated shackle Ø 6.2 mm.....**AL-260**
 Shackle Lg 50 mm.....**–**
 Standard colour (red)**–**
 Key n°222**222**
 Sticker with picto.....**EX**
 Your reference: **AL-260-222-EX**



2nd example :

Shackle Ø 4 mm**AL-240**
 Shackle Lg 70 mm.....**S**
 Colour blue**BL**
 Key upon request.....**00**
 Sticker with picto.....**EX**
 Your reference: **AL-240-S-BL-00-EX**



Codes or key numbers

(*) : Standard key number, 111 - 1111 - 222 - 2222 - 333 - 3333 - 444 - 4444 - 555 - 5555 - 666 - 6666 - 777 - 7777 - 888 - 8888 - 999 - 9999.

(**) : Key number 111 or 222 only.

Z : Number of random key (at random).

00 : Key number on request.

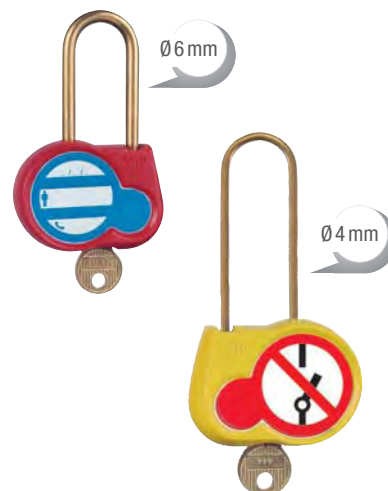
Tables of possible combinations

Key	Sticker	AL-240 (Ø 4 mm)										AL-230 (Ø 6 mm)									
		Shackle 50 mm L					Shackle 70 mm L					Shackle 50 mm L					Shackle 70 mm L				
		-	B	J	BL	V	-	B	J	BL	V	-	B	J	BL	V	-	B	J	BL	V
(*)																					
(**)		•	•	•	•	•	•	•	•	•	•	•					•				
Z		•	•	•	•	•	•					•					•				
00		•	•	•	•	•	•	•	•	•	•	•					•				

● Existing padlocks.

Key	Sticker	AL-260 (Ø 6.2 mm - insulated shackle)									
		Shackle 50 mm L					Shackle 70 mm L				
		-	B	J	BL	V	-	B	J	BL	V
(*)											
(**)		•					•				
Z		•					•				
00		•					•				

● Existing padlocks.



CATU, also provides ...

... a comprehensive multiple lockers range,
all-plastic or metal models.



See page 10





Multiple lockers



Multiple lockers enable several users to lock a single item of equipment.
Operation can only be resumed after the last padlock has been removed.

INDEX

	Total height
	Total length
	Diameter
	Dimensions
	Number of locks
	Cable
	Weight

Flexible models

Nylon (non-conductive).

Reference	Shackle  mm	Holes  mm	 mm	 g	
ALP-03	50	3	9	105	20
ALP-06	80	6	9	183	30



All-plastic models

Nylon (non-conductive).
Label with 'DANGER' warning and identification of the person carrying out the work.
Holds 4 padlocks.

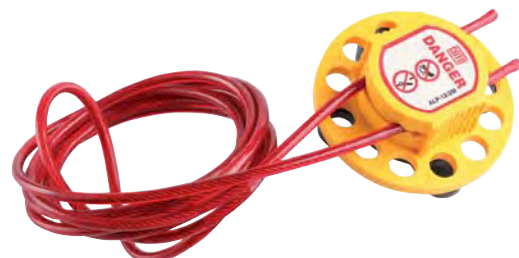
Reference	Shackle			Holes		
	 mm	 mm		 mm	mm	 g
ALP-4/3	46	3	4	8	108	35
ALP-4/6	46	6	4	8	108	35



Universal model

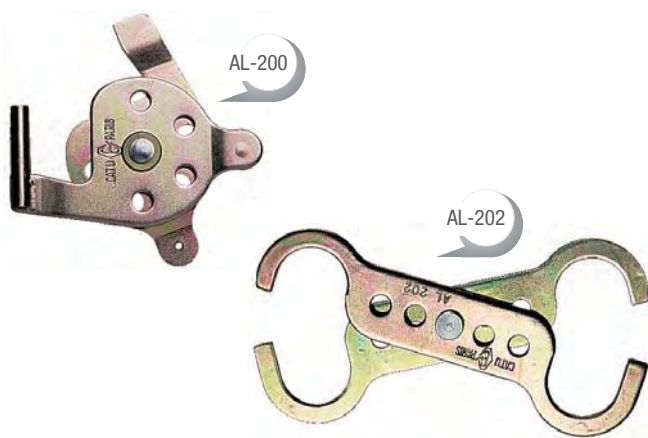
Steel cable coated in non-conductive PVC.
Maximum weight supported: 100kg.
'DANGER' warning label.

Reference			Holes  mm	
ALP-12/2M	Ø4 Lg2m	12	9	130



Metal models

Reference		Description	
AL-200	100 x 60 x 10	EDF type A	150
AL-202	165 x 50 x 12	EDF type B	200



Safety padlock

Reference		Shackle mm	
AL-203 *	6	50	180

* Key n°111.

HASP models

Reference	Clamping mm		Holes mm		
ALM-6/25	25	6	9	112	95
ALM-6/38	38	6	9	125	110
ALM-20/45	20 & 31	6	9	138	120



Steel shackle model

High-strength steel shackle and body.
Label with 'DANGER' warning and identification
of the person carrying out the work.
Holds 6 padlocks.

Reference	Shackle mm		Holes mm		
ALM-6/8	25	5	8	115	80





Padlock stations



Handle systems for 6 to 30 padlocks. It ensures that general lockouts with multiple padlocks are implemented correctly.

Fixed models or models for 12-padlock belt.

INDEX



Diameter



Dimensions



Number of locks



Weight

Yellow PVC handle model

Fitted to the belt so as to free up the hands.
Key ring incorporated into the handle.
Label system ensures that the user knows that all the power sources have been locked out.



Reference		Holes  mm	 mm	 g
AL-212	12	9	190 x 130	120

Ivory handle model

Ivory white PVC. High resistance to impacts.

Reference		Holes  mm	 g
AL-207/30	30	9	130



12

Locking padlocks and accessories

'Lockout manager' model

Housing with openings for keys. Plastic handle with 6 padlocks that are all opened with the same key.

Reference		
AL-236-111-EX	6 (AL-230-111-EX)	1 150
AL-236-222-EX	6 (AL-230-222-EX)	1 150
AL-236-S-111-EX	6 (AL-230-S-111-EX)	1 210
AL-236-S-222-EX	6 (AL-230-S-222-EX)	1 210
AL-236-00-EX	6 (AL-230-00-EX *)	1 150
AL-236-S-00-EX	6 (AL-230-S-00-EX *)	1 210

* 00 : key number on demand.



Wall support for padlocks

Red-painted metal wall support.

Reference			
RL-100	12	175 x 71 31	65



Storage cabinet

Red-painted metal cabinet. Plexiglas window
Locked by key. Delivered with 4-level padlock support, attachment pegs and screws.

Reference			
SL-102	42	465 x 395 x 55	4500



CATU, also provides ...

... a comprehensive lockout range.



PPE



CPE



VOLTAGE
DETECTORS

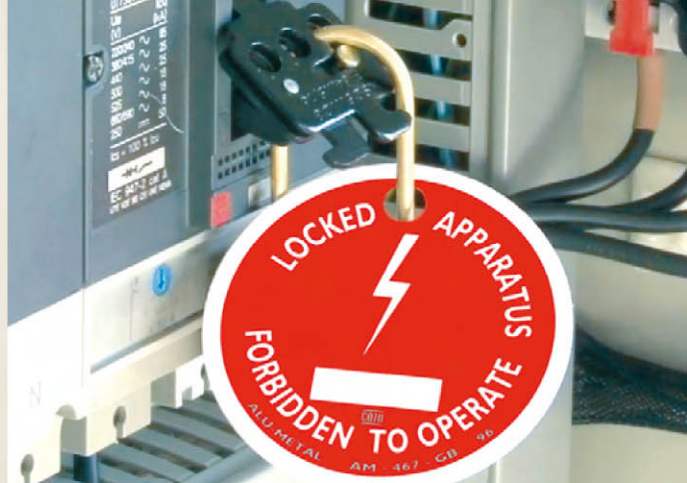


EARTHING
SYSTEMS



T&D THORNE &
DERRICK UK

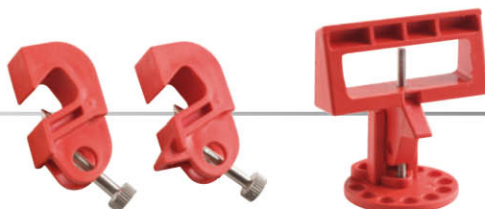
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Website: www.cablejoints.co.uk
www.thorneandderrick.co.uk



Locking equipment for modular switchgear and controlgear



Circuit breaker
lockers



16

Panels and inserts
Locking – lockout



18



Circuit breaker lockers



Clipblock™ small model

Quick fitting with a no. 3 flat screwdriver.
Highly compact and can be padlocked.
Prohibition sign. Delivered in blister pack.

Reference	Description and 	
AL-201/1	5 units, no padlock	158
AL-201-C/1	Comes with 1 padlock	60



INDEX

	Diameter
	Dimensions
	Number of locks
	Weight
	Packaging



Multiple model

Suitable for all types of low voltage protection unit locker.
Particularly suited to the CLIPBLOCK™
circuit breaker locker.

Reference	Description and 	
AL-205	2 parts - delivered without padlock or locker AL-201/1.	110
	2 parts - delivered with 5m cord.	
AL-205/5	Delivered without padlock or locker AL-201/1.	160



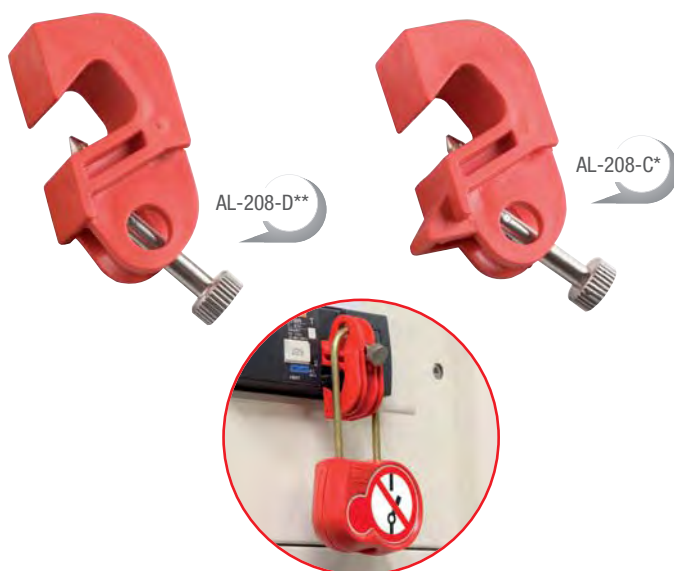
Medium-size models

Red PVC. Easy installation without tools (tightened manually). Trip worm to allow space for the padlock shackle.

Reference	Holes  mm	Screw	
AL-208-C*	4	Stainless steel	20
AL-208-D**	4	Stainless steel	20

* Bent snipe nose.

** Straight.



Large model

Easy installation without tools. Turn the screw in the circuit breaker handle and add one or more padlocks and a warning label.

Reference		Holes  mm	 mm	
AL-209-L	12	8	76 x 23	66



Model for moulded units

Epoxy painted steel. Suitable for Schneider circuit breakers with the following references: NS80, NSE75/NSE100, NS100/NS160/NS250, NSF150/NSF250, NS400/NS630, NSJ400/NSJ600.

Reference		Trous  mm	 mm	
AL-204	3	8	37x 49 x 4*	32

* Close.





Panels and inserts

locking – lockout



The warning signs and badges, made of flexible or rigid PVC ensure that the locking is visible and effective. Can be customised using all types of pens (ballpoint, felt tip pens, etc.)

INDEX

Ø Diameter

mm Dimensions

Packaging

Badge models

Ø 10mm hole for attachment on the upper part.

Reference	Ø mm	Type
AM-467-GB	80	Aluminium
AP-499/1	100	Plastic

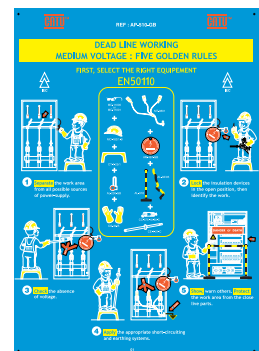
AP-467-GB

AP-499/1



CATU, also provides ...

... a full range of warning signs.





Fluid locking



Valve
lockers



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Models for
gate valves



22



Valve lockers



Valve lockers prevent any handling and lock "quarter turn" or gate valves. Padlock locking and can be customized using pens (ball point, felt tip, etc.).

INDEX

 mm	Total lenght
 mm	Diameter
	Number of locks
	Weight

Models for gate valves

Polyurethane. Easy to install with the two articulated parts*. Padlock locking. Prevents any handling of the gate valve.

Reference	Holes Ø mm		Gate Ø mm	Ext. Ø mm	 g
HL-100	6	1	25 - 63,5	70	45
HL-101	8	2	63,5 - 127	140	170
HL-102	9	3	127 - 165	172	250
HL-103	9	3	165 - 254	260	505
HL-104	9	3	254 - 355	370	1055
HL-105	9	1**	25 - 165	—	225

* Except HL-105, 2 parts.
** 4 position settings.



POLYPROPYLENE
ADJUSTABLE MODEL



Models for 1/4 turn valves

Polyurethane. Easy to adjust with the two clip-in parts Padlock locking that prevents any quarter turn handling.

Reference	Holes Ø mm		Locking	 mm	 g
HL-200	7	1 8 positions	9,5 - 31,75	195	155
HL-201	7	1 13 positions	38,1 - 63,5	254	230
HL-202	9	1 12 positions	50,8 - 203,2	430	580



HL-200



HL-201



HL-202



Universal model

Polypropylene.
For locking all types of valves: 1/4 turn, butterfly, etc.

Reference	Holes Ø mm		Locking	 mm	 g
HL-203	9	1 9 positions	95 à 255	300	285



HL-203

ADJUSTABLE MODEL



Gas bottle lockers



The devices can lock gas bottles (butane, propane, etc.), thus preventing any handling of the valve. Padlock locking and fitted with customizable labels.

INDEX

 mm	Total lenght
 mm	Diameter
	Number of locks
 g	Weight

Gas bottle models

Polystyrene. Gas bottle locker device (propane, butane, etc.). Easy to install with the two articulated parts. Padlock locking.

Reference	Holes mm		Passage	 mm	 g
GL-100	7	1	29	Ø 70	60
GL-101	7	1	35	Ø 85 - L 150	135



GL-101



GL-100





Miscellaneous



Lockers



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Cabinets



25



Lockers and cabinets



These lockers are specially designed to prevent any handling of electrical or pneumatic sockets, or machine control units.

INDEX

 $\varnothing$ mm	Diameter
 $\square$ mm	Dimensions
 $\square$	Number of locks
 $\square$ g	Weight

Electrical or pneumatic socket lockers

Polystyrene. Electrical or pneumatic socket locker device
Easy to install with the two articulated parts.
Padlock locking.

Reference	Holes $\varnothing$ mm		For cable mm	 mm	 g
PL-100	7	4	13	87 x 50 x 50	75
PL-101	7	4	23	171 x 80 x 80	170



PL-101



PL-100

Machine control locker

Red fabric and black leather. Locking device for the control
units of numerical machines, cranes, winches,
overhead cranes. Padlock locking.

Reference	Holes $\varnothing$ mm		 mm	 g
PL-102	11	6	460 x 210	65



Lockout cabinet

Yellow-painted metal. Two adjustable shelves (12 positions). Plexiglas window Locked by key. Delivered empty with attachment pegs and screws Optional accessories.

Reference	 mm	 9
SL-101	405 x 355 x 156	5600



Storage cabinet

Red-painted metal cabinet. Plexiglas window Locked by key. Delivered with 4-level padlock support, attachment pegs and screws.

Reference		 mm	 9
SL-102	42	465 x 395 x 55	4500



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Miscellaneous

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AL-240-(**)-EX	6
AL-240-B-00-EX	7
AL-240-B-111-EX	7
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AL-240-BL-111-EX	7
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In case of modification of these characteristics, our company would not be obliged to supply materials
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