DECLARATION OF PERFORMANCE
Nr. A193-GB

CE

1) Identification code: **HOT-CIL EMERGENCY EXIT DEVICE**

2) Identification number:
4203201.007 KIT Hot-Cil leaf thickness 60mm
4203201.008 KIT Hot-Cil leaf thickness 50mm
4203201.009 KIT Hot-Cil leaf thickness 40mm

3) Intended product use: Emergency exit device for escape routes suitable for one-leaved doors or for the active leaf of two-leaved doors only if the passive leaf it's normally closed (manually opening with flush bolt lock type Std019) with dimensions up to 1350x2880mm/leaf, mass up to 300kg/leaf, mounted on hinges or pivots, with fire resistance up to EI_2120 - REI120 and smoke proof. Projection of the handle 67mm.

4) Manufacturer: NINZ S.p.A. - corso Trento 2/A
I-38061 ALA (TN) www.ninz.it
tel. +39 0464 678300 - fax +39 0464 679025

5) Auth. representative: -

6) Assessment perf. sys.: system 1

7) Harmonized standard: EN 179:2008

8) Notified body: ICIM S.p.A. N.B. no. 0425 have issued the certificate of conformity for the factory production control no. 0425 - CPR - 2149.

9) Declared performances:

Essential characteristics	Performance-grade	Paragraph EN 179
Category of use	3 - high frequency	7.1
Durability	7 - 200.000 cycles	7.2
Door mass	7 - over 200kg	7.3
Suitability for use on fire/smoke doors	B - suitable	7.4
Safety toward people	1 - for emergency exits	7.5
Corrosion resistance	4 - 240 h (very high res.)	7.6
Security toward goods	4 - 3000N	7.7
Projection of operating element	2 - up to 100mm	7.8
Type of operation	A - lever handle	7.9
Field of door application	D - 1 leaved * door pull	7.10
Dangerous substances	conform	ZA

* or for active leaf of double exit doors provided that the inactive leaf remains normally closed.

10) Emergency devices listed in point 1 and 2 are conform to the performances declared in point 9. This declaration of performance is issued under the exclusive responsibility of the manufacturer listed in point 4.

Signed in the name and on behalf of the manufacturer:

Ninz Karl
legal representative of the NINZ S.p.A.

INSTALLATION, USE AND MAINTENANCE HANDBOOK

A193-GB
5001290/2 - 09/15

SYMBOLS EMPLOYED

CAUTION
Indicates a danger that threatens people and/or material goods. Failure to observe the warnings indicated by this symbol may have serious consequences, such as personal injury and property damage.

ATTENTION
Indicates a danger that threatens material goods. Failure to observe the warnings indicated by this symbol may result in damage to material goods.

NOTICE
Warnings related to important technical aspects.

PRODUCT DESCRIPTION

Emergency device for one-leaved doors or for the active leaf of two-leaved doors located at emergency exits and activated by lever handle. Composed of installation plates and square spindle in galvanized steel, internal lever handle with steel core, fix external doorknob and cover plates in black plastic, panic safe lock and nickel-plated brass cylinder with thumbturn latch and three keys.

OPERATION MODE

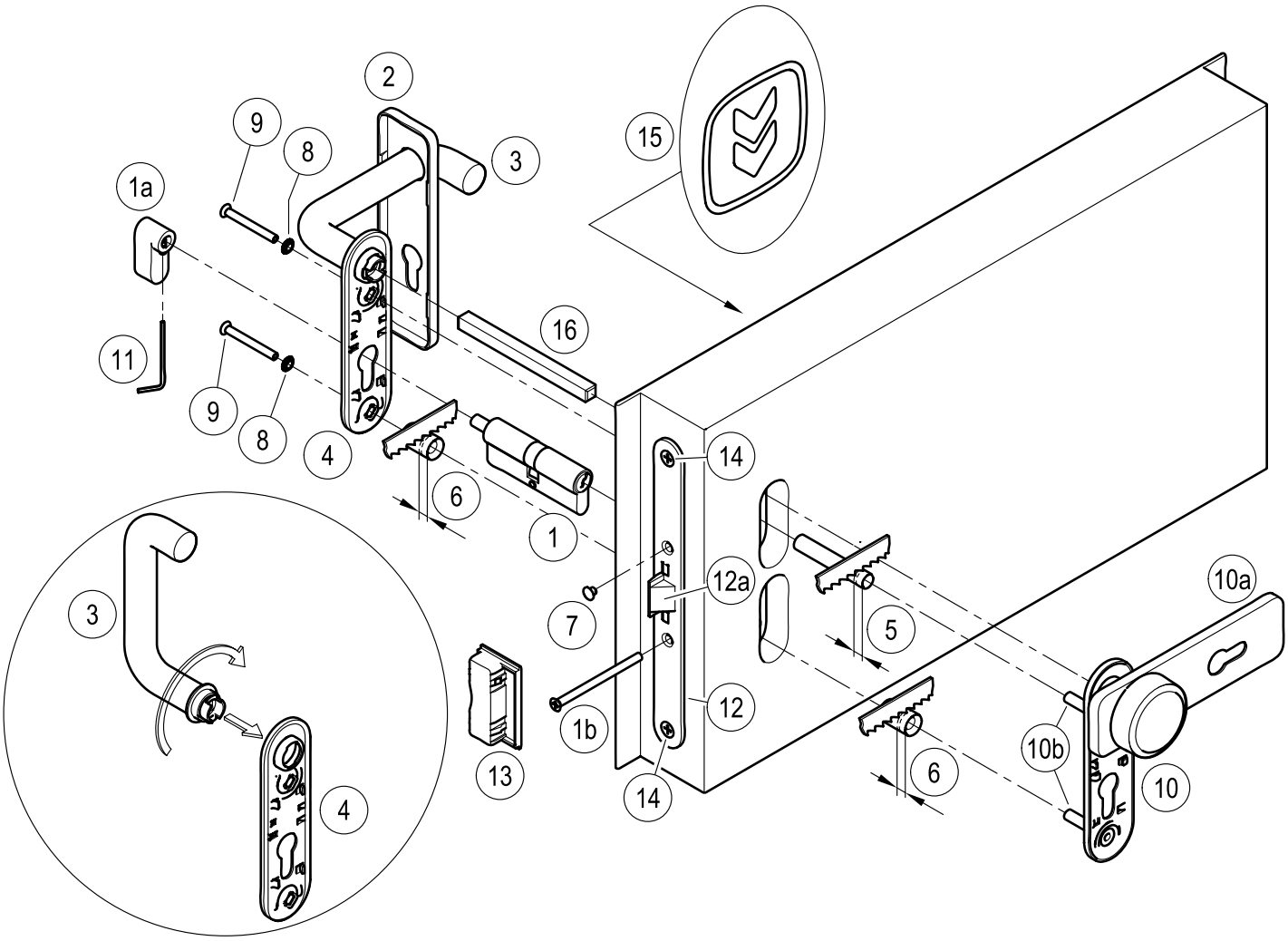
From push-side the door can only be opened by key, whereas opening from the pull-side is possible at any time by using the lever handle, although if the lock is closed by key. The panic safe lock is equipped of a double deadbolt which exits by activating the key or the thumbturn latch.

WARNINGS

The Hot-Cil handle for emergency exit is intended for the installation on doors to used by people that are accustomed to use the controls of the panic devices for escape routes. Therefore their use is suitable when a panic situation is very unlikely.
The safety features of this product are of fundamental importance to ensure its conformity with EN 179. It is strictly forbidden to introduce any type of modifications apart from those described in these installation instructions.

RECOMMENDATIONS

To ensure high level of human safety and appropriate safety levels for material goods, the handle for emergency exit must be installed on doors and doorframes that are in good conditions. The installation of the door itself, therefore, should be checked to ensure that it was installed properly and that nothing obstructs its normal movement.
If rebate sealing are mounted on the door, make sure they do not inhibit proper functioning of the emergency exit device.
The fastening instructions in the present document should be followed scrupulously during installation. Once installation is complete, the installer should give this document to the owner of the activity.
For securing the door in the closed position, do not employ any other latching devices than those specified in the present document. This does not preclude the installation of automatic closing devices.
The Hot-Cil emergency device is also designed for installation on hollow metal doors with an internal cell structure.
If a door closer is needed to return the door to the closed position, care should be taken not to make the opening step more difficult for children, the elderly and the disabled.
A pictogram (arrow) should be positioned immediately above the handle activation lever on the internal side of the door.
All of the included components described herein must be positioned and mounted in conformity with the present document.
Any cylinder supplied by the customer must comply with DIN standard 18254.



CONTENTS OF THE HOT-CIL EMERGENCY DEVICE KIT PACKAGE

position	pcs.	description	position	pcs.	description
1, 1a, 1b	01	Single mastered cylinder with thumbturn latch, three keys and fastening screw	10, 10a, 10b	01	Fix doorknob with black plastic cover plate, M5 threaded inserts and galvanized steel installation plate
2	01	Cover plate at handle-side	11	01	S2 hex key
3, 4	01	Handle with galvanized steel installation plate	12	01	Panic safe lock to push and pull (AP sp ti)
5	01	Ø10,3x60,6mm spacer	13	01	Proget strike box lock
6	02	Ø15,0x23,5mm spacer	15	01	Adhesive pictogram (green arrow)
7	01	Black cap hole Ø8,8mm	16	01	Square spindle 9x9x115mm
8	02	M5 toothed washer			
9	02	M5x50mm countersunk flat head screw	-	01	Hot-Cil handle set Kit installation instructions

Please note that article 4 of the MD of 03 November 2004 obliges the installer to write up, sign and provide the owner of the activity with a declaration of proper installation that makes explicit reference to the instructions supplied by the exit device manufacturer.

TOOLS REQUIRED

Medium-sized Philips-head screwdriver or electric screwdriver, fine-toothed hack-saw.

IMPORTANT

- Installation should be carried out by qualified personnel only and in strict conformity with the instructions supplied.
- For a correct installation all supplied components must be used, including spacers and toothed washers.
- No variations are allowed, and only components indicated in the package contents may be used.
- Before proceeding with installation, check the package contents to ensure that no pieces are missing.
- Any different installation configuration from that illustrated on page 2/4 is not allowed.

INSTALLATION

- First disassemble any handles components that are already present.
- Unscrew the two frontal screws (14) and take away the existing lock.
- Install the new panic safe lock to pull (12) and fasten it with the same two frontal screws (14).
- Put the cam in vertical position and insert the cylinder (1) into the lock (12) with the thumbturn latch-side at the pull-side of the door; fix it provisionally with the screw (1b).
- Adjust the plastic spacers (5 and 6) to the thickness of the leaf so that they do not protrude more than 1mm from it.
- Insert the handle (3) into the hole of the respective installation plate (4) and turn it for 90 degrees.
- Apply the handle with installation plate (3 and 4) to the pull-side of the door after inserting the square spindle (16), screws (9), toothed washers (8) and spacer (6). Take care to center the square spindle into the lock (12), the screws into the respective holes and the installation plate over the cylinder.
- Insert the two spacers (5 and 6) over the threaded inserts (10b) which are inserted in the installation plate of the fix doorknob (10) and apply the last one to the push-side of the door.
- Center the square spindle, the cylinder and the screws, starting the screws by hand before fastenig them with the screwdriver; take care to not deform the installation plate.
- Finish fastening the cylinder (1), insert the little cap hole (7) in the open hole of the panic safe lock (12).
- Use the Hot-Cil handle to ensure that the latch bolt (12a) of the lock opens easily and fully. Further check if the latch bolt opens and if the deadbolts are operating both by using the key. Test the door in both open and closed positions, and if necessary file down the plastic strike box (13).
- Insert the cover plate (2) over the handle (3), turn the cover plate (10a) of the fix doorknob (10) and clip on both coverplates at the respective installation plates.
- Insert the thumbturn latch (1a) over the spindle of the cylinder (1) and fix it with the S2 hex wrench (11).
- Apply the pictogram (15) with the green arrow on the internal surface of the door, just above the Hot-Cil handle.
- Lastly, use a dynamometer to measure the force required on the lever of the handle to free the lock. Record this force measurement in the present document.

USE

- Ensure that the door always opens easily.
- Avoid unnecessary strains on or handling of the handle and the fix doorknob.
- Protect the handle and the fix doorknob from external atmospheric agents.
- Ensure that nothing hinders the free movement of the lever of handle.
- Do not paint the lock.
- Use the handle and the fix doorknob properly, do not pull the lever of handle in the wrong direction.
- Do not leave the key in the lock.
- Make sure that any damaged or malfunctioning parts are replaced immediately.

MAINTENANCE

To ensure that door usage conforms with regulations, the following maintenance checks should be carried out at least once a month:

- Confirm that all of the installed components correspond with those listed in the present instructions and that no other latching devices than those originally installed have been added to the door.
- Inspect and activate the emergency device to verify that all of its components are in satisfactory operational condition.
- Use a dynamometer to confirm that the release force shows no significant differences from the forces recorded at the time of installation.
- Check whether all screws are fully tightened, tightening any that may have loosened.
- Check whether handle and key can be moved with minimal effort, and that the latch bolt of the lock retreats from the strike box without offering resistance. If the door has become difficult to open due to friction, the resistance can be reduced by filing the strike box down to the appropriate height.
- Ensure that the latch bolt exits completely when the handle is released.
- Check whether the inserts and strike boxes are blocked in any way and eliminate any obstructions.
- This product don't requires any special maintenance. Grease should be used to lubricate periodically the internal workings of lock and handle.
- For normal cleaning use mild detergents.

- Any adjustments that become necessary must be carried out by qualified personnel using original NINZ replacement parts.
- The owner of the activity is responsible for keeping the declaration of correct installation on file, conducting proper emergency device maintenance in accordance with all of the manufacturer's maintenance guidelines, keeping maintenance and check-up records and preserving the present document.

ICIM

Certificato di costanza delle prestazioni

Certificate of constancy of performance

ALLEGATO AL / *ANNEX TO*

Certificato N. / *Certificate No.* **0425 – CPR – 2149**

In conformità al Regolamento 305/2011/EU del Parlamento Europeo e del Consiglio del 9 marzo 2011 (Regolamento Prodotti da Costruzione o CPR), questo certificato si applica al prodotto da costruzione
In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Certification or CPR), this certificate applies to the construction product

MODELLI / *MODELS*	Modelli / ***Models*** HOT-CIL, HOT-CIL-X **Serratura anta attiva / *Active leaf lock*** **art. 3201001.011 (AP sp ti),** **Contropiastre / *striking plates* . 2401006, 2401005, 2401015, 2401014,** **Maniglie / *Handles* art. 3101001.012 (M2), 3101017.002 (M2X)**	
CLASSIFICAZIONE / *CLASSIFICATION*		3 7 7 B 1 4 4 2 A D
MODELLI / *MODELS*	Modelli / ***Models*** M3 TIR, M3X TIR **Serratura anta attiva / *Active leaf lock*** **art. 3201001.051 (016 tir REV),** **3201001.049 (MAC3 sx), 3201001.050 (MAC3 dx).** **Contropiastre / *striking plates* . 2401006, 2401005, 2401015, 2401014, 3201001.023, 3201001.007** **Maniglie / *Handles* art. 3101001.009 (M3), 3101017.003 (M3X)**	
CLASSIFICAZIONE / *CLASSIFICATION*		3 7 7 B 1 3 4 2 A D
SISTEMA DI VALUTAZIONE E VERIFICA DELLA COSTANZA DELLA PRESTAZIONE / *SYSTEM OF ASSESSMENT AND VERIFICATION OF CONSTANCY OF PERFORMANCE*		1

ICIM S.p.A.

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ICIM S.p.A. a socio unico - Piazza Don Enrico Mapelli, 75 - 20099 Sesto San Giovanni (MI)

Annex Page 1/5

Certified components for HOT-CIL KIT

Emergency exit device:	model “HOT-CIL”
Panic safe lock:	item 3201001.011 (AP sp ti)
Lock strike boxes:	items 2401006, 2401005, 2401015, 2401014
Operating element:	item 3101001.012 (M2)

SPARE PARTS (see exploded drawing at page 2/4)

position	code	description
2, 3, 4, 5, 6, 7, 8, 9, 10, 10a, 10b, 16	3101064.001	Set handle and fix knob (M2) with double square spindle - black plastic Single mastered nickel-plated cylinder with thumbturn latch
1, 1a, 1b, 11	4202102.004	40/40 for Proget/Univer thickness 60mm
1, 1a, 1b, 11	4202102.005	35/35 for Univer thickness 50mm
1, 1a, 1b, 11	4202102.006	30/30 for Rever
12	3201001.011	Panic safe lock to pull/push (AP sp ti)
13	4212024.001	Set of 10 Proget strike box lock
13	4212025.001	Set of 10 Univer thk60 strike box lock
13	4212026.001	Set of 10 Univer thk50 strike box lock
13	4212027.001	Set of 10 Rever strike box lock

FOR REPLACEMENTS USE ORIGINAL NINZ REPLACEMENT PARTS FROM ITS FULL CERTIFIED SYSTEM ONLY!

PROPER DISASSEMBLY

When some parts or all of the emergency device needs to be replaced, the general guideline is to reverse the order of the original installation instructions. To replace the lock, all parts of the emergency handle in the lock zone must be disassembled, including the cylinder. The lock itself (12) can be removed by unscrewing the two frontal screws (14).

This operation should be carried out with great care in order not to damage or move the components located inside lock housing!

MAINTENANCE RECORD

date	description of the intervention	release force checked	operator
.....	.....	.....	.....
.....	.....	.....	.....
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These instructions should be given to the owner of the activity, who shall preserve them as a record of the maintenance operations carried out on the panic exit device.