

NINZ S.p.A. - corso Trento, 2/A I-38061 ALA (TN) / ITALY www.ninz.it Tel. + 39 0 464 678300 Fax. +39 0 464 679025 info@ninz.it

# KIT Hot-Cil handle PANIC EXIT DEVICE for emergency exits

A193-GB 5001290/2 - 02/19

				<b>3</b>	- ,
	Commercial codes KIT Hot-Cil leaf thickness 60mm KIT Hot-Cil leaf thickness 50mm KIT Hot-Cil leaf thickness 40mm		item 4203201.007 item 4203201.008 item 4203201.009	DoP no.	179-M3tir-01
				Website	https://www.ninz.it/it/download/dop
				Classification	3 7 7 B 1 4 4 2 A D
	Name and address of the producer	•	- corso Trento 2/ _A (TN) - ITALY	2 <sup>nd</sup> Character - grade 7	<ul> <li>Category of use: high frequency</li> <li>Durability: 200.000 cycles</li> </ul>
E	Year application trademark	2010		4 <sup>th</sup> Character - grade B 5 <sup>th</sup> Character - grade 1	<ul> <li>Aass of the door: over 200kg</li> <li>Suitable for use on fire/smoke rated doors</li> <li>Safety: suitable for emergency exits</li> <li>Highly resistant to corrosion 240h</li> </ul>
	Standard	EN 179:2008	3	7 <sup>th</sup> Character - grade 4 8 <sup>th</sup> Character - grade 2	<ul> <li>Participation of the device: up to 100mm</li> <li>Activation type: lever handle activation</li> </ul>
	Certification authority no.	0425		10th Character - grade D	<ul> <li>Gradination (per lever handle activation)</li> <li>Suitable for single or, with inactive leaf normally</li> <li>d, double exit door, inwardly opening</li> </ul>
	CE certification number	0425-CPR-0	02149	the inactive leaf remains r	ors or for active (main) leaf of double exit doors provided that normally closed and opened by lock with deadbolt (019) only up to 1350x2880mm, mass up to 300kg/leaf, mounted or

# 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.

This product does not contain or release any hazardous materials, as per UNI EN standard no. 179 appendix ZA.

### **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

Projection of the handle 67mm.

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.

hinges or pivots, with fire resistance up to El<sub>2</sub>120 - REI120 and smoke proof.

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.

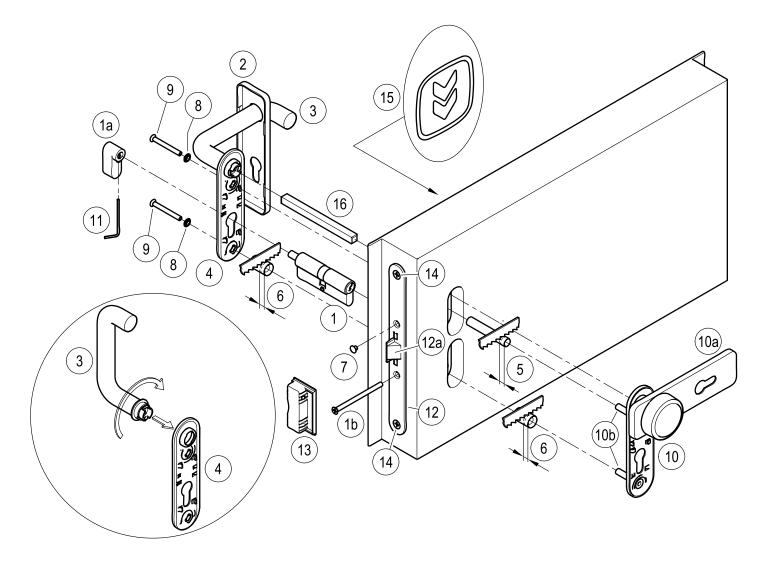
The Hot-Cil emergency device is also designed for installation on hollow metal doors with an internal cell structure.

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 thread- ed 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

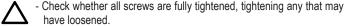
- Ensure that the door always opens easily.
- Avoid unnecessary strains on or handling of the handle and the fix doorknob.
- Protect the handle and the fix doorknob from external atmospheric agents.
- Ensure that nothing hinders the free movement of the lever of handle.
- Do not paint the lock.
- Use 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 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.

. 11.
ICIM
ICIM S.p.A Identification number: 0425 Piazza Don Enrico Mapelli, 75 - 20099 Sesto San Giovanni (MI) - ITALY
Certificato di costanza delle prestazioni
Certificate of constancy of performance
Certificato N. Certificate No. 0425 - CPR – 002149
In conformita all Regolaments 9450011(E) Lid Pertamente Europeo e del Consiglio del 5 muzo 2011 (Regolamento Prodotti da Contratorio e OTR) quanta cualcitaria aguinza al partici anti aguinza al partici aguinza al partici anti aguinza al partici anti aguinza al partici aguinza al partici anti aguinza al partici aguinza al partici aguinza al partici aguinza al partici ad parti ad
Dispositivi per uscite di emergenza azionati mediante maniglia a leva o piastra a spinta Emergency exit devices operated by a lever handle or push pad engue secondo HOT-CIL, HOT-CIL-X
M3 tir, M3X tir MODELLI/MODELS See annex
Caratteristiche: vedi Allegalo / Characteristics: see Annex
IMMESSO SUL MERCATO CON IL NOME O IL MARCHIO DI PLACED ON THE MARKET UNDER THE NAME OR TRADE MARK OF
NINZ S.p.A. SEDE LEGALE Corso Trento, 2/A
HEAD OFFICE 38061 ALA (TN) ITALY
UNITÀ OPERATIVA PRODUCTION UNIT 38061 ALA (TN) ITALY
Questo conflictio attesta do e timb e disposicioni (guardanti la valutacione e la ventifica della costanza della prestazione e le prestazioni descrito antilettajo 12 della norma: This centificate attesta final al provisions concerning the assessment and ventication of constancy of performance e and the performance described in Anesz 2.4 de the attorded
eN 179:2008 entilambio del talatma 1 di cui al presente certificato vergeno applicati e che il controllo di produzione in tabbina condotto dal produttore i valuato al fine di gamante la controllo cui an in la certificate vergeni dani finat fine factory production control conducted by the manufacturer is assessed fine ensure the
COSTANZA DELLA PRESTAZIONE DEL PRODOTTO DA COSTRUZIONE CONSTANCY OF PERFORMANCE OF THE CONSTRUCTION PRODUCT
Quarko certificate à stato messo per la prime valità i 20x02010 e hi vanistità sito a che la norma amonizzata, ji produto da contractoria, mi ante dalla ACVP o la contradi di prostatorea esta baltemeto non statostato modifiche agnitizate, o sino a che non venga scopeso critterio adl'organismo di certificazione notificato ICM E.p.A. This certificate se fait stato di a 32x20210 ante will errama valira à long an eniber de hamonicate dandori, de construction
product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body ICIM S.p.A.
Il presente Certificato è da ritenensi valido solo se accompagnato dal relativo Allegato / This Certificate is valid only with the relative American
Y. lelye
ICIM S.p.A. Direttore Tecnico
EMISSIONE /SSUE
15/12/2016
ICIM S.p.A Piazza Don Enrico Mapelli, 75 - 20099 Sesto San Giovanni (MI)

item 3201001.011 (AP sp ti)

item 3101001.012 (M2)

items 2401006, 2401005, 2401015, 2401014

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

position	code	description
2, 3, 4, 5, 6, 7, 8,	3101064.001	Set handle and fix knob (M2) with double
9, 10, 10a, 10b, 1	6	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!

#### ROPER DISASSEMBLY

nen 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			
			•••••••••••••••••••••••••••••••••••••••			
		• • • • • • • • • • • • • • • • • • • •	•••••••			
			<u></u>			

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.

ন্দ্রি

Panic safe lock:

Lock strike boxes:

Operating element: