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

A194-GB

5001291/2 - 02/19

Commercial codes

KIT Hot-Cil-X leaf thickness 60mm	item 4203201.010
KIT Hot-Cil-X leaf thickness 50mm	item 4203201.011
KIT Hot-Cil-X leaf thickness 40mm	item 4203201.012

Name and address of the producer	NINZ S.p.A. - corso Trento 2/ A I-38061 ALA (TN) - ITALY
Year application trademark	2010
Standard	EN 179:2008
Certification authority no.	0425
CE certification number	0425-CPR-002149

DoP no. 179-M3tir-01

Website https://www.ninz.it/it/download/dop

Classification 3 7 7 B 1 4 4 2 A D

Classification no.

1st Character - grade 3 - Category of use: high frequency
2nd Character - grade 7 - Durability: 200.000 cycles
3rd Character - grade 7 - Mass of the door: over 200kg
4th Character - grade B - Suitable for use on fire/smoke rated doors
5th Character - grade 1 - Safety: suitable for emergency exits
6th Character - grade 4 - Highly resistant to corrosion 240h
7th Character - grade 4 - Safety of goods: 3000N
8th Character - grade 2 - Protrusion of the device: up to 100mm
9th Character - grade A - Activation type: lever handle activation
10th Character - grade D - Suitable for single or, with inactive leaf normally closed, double exit door, inwardly opening

Suitable for: single exit doors or for active (main) leaf of double exit doors provided that the inactive leaf remains normally closed and opened by lock with deadbolt (019) only; with dimensions of leaves up to 1350x2880mm, 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.

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, fix external doorknob and cover plates in brushed stainless steel, 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-X 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.

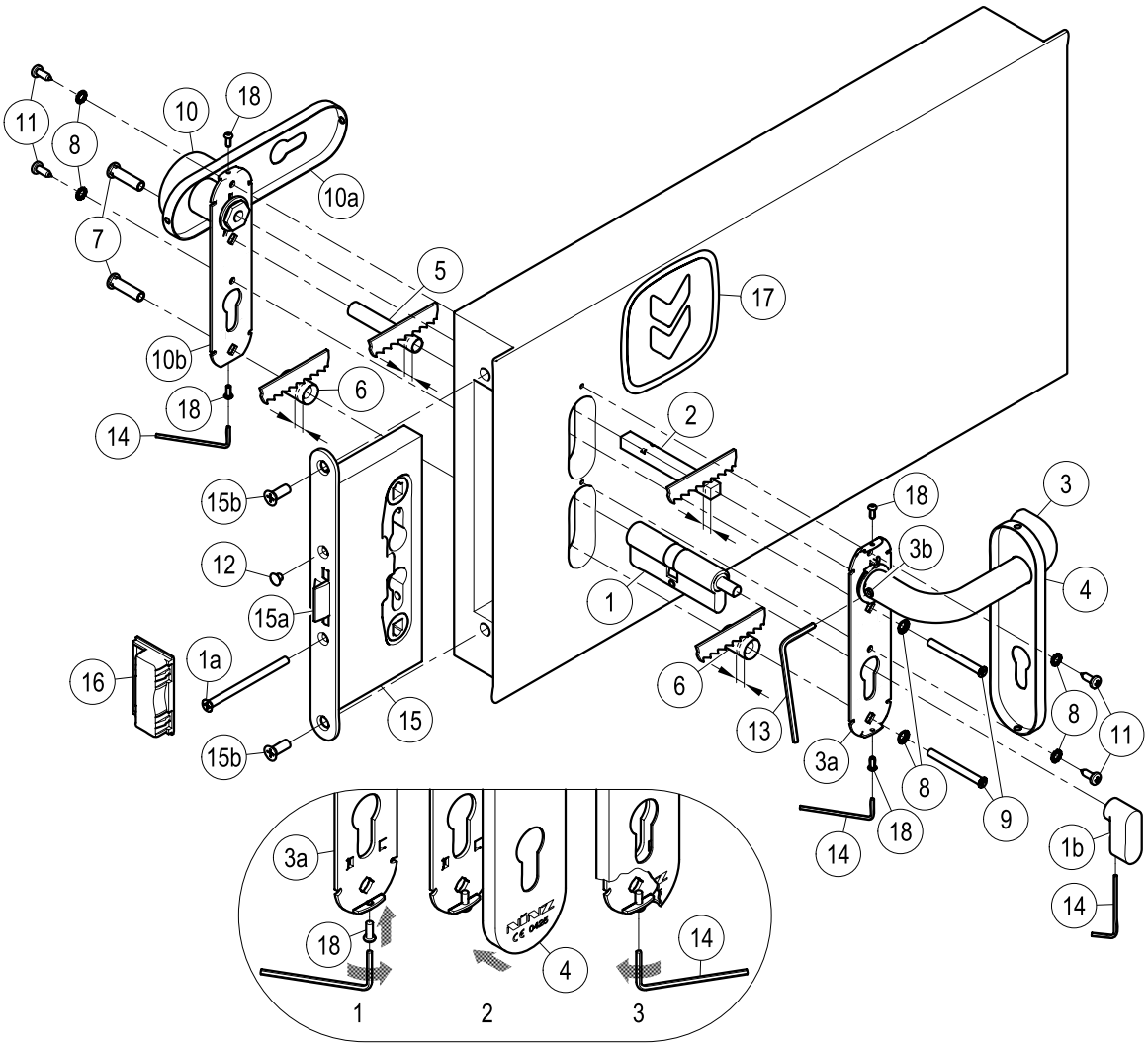
The Hot-Cil-X emergency device is also designed for installation on hollow metal doors with an internal cell structure.

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-X KIT
EMERGENCY HANDLE PACKAGE

position	pcs.	description
1, 1a, 1b	01	Single mastered cylinder with thumbturn latch, three keys and fastening screw
2	01	Square spindle 9x9x85mm
3, 3a, 3b	01	Stainless steel handle with galvanized steel installation plate and fastening socket set screw
4	01	Stainless steel cover plate for handle side
5	01	Spacer Ø10,3mm
6	02	Spacer Ø15mm
7	02	M5 threaded insert
8	06	M5 toothed washer
9	02	M5x50mm countersunk flat head screw
10, 10a, 10b	01	Fix doorknob with stainless steel cover plate and galvanized steel installation plate
11	04	Pan head self tapping screw Ø4,2x13mm
12	01	Black cap hole Ø8,8mm
13	01	S3 hex key
14	01	S2 hex key
15	01	Panic safe lock to push and pull (AP sp ti)
16	01	Proget strike box lock
17	01	Adhesive pictogram (green arrow)
18	04	M3x8mm pan head screw
-	01	Hot-Cil-X kit handle set 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, electric drill with Ø2mm drill bit for steel, 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 (15b) and take away the existing lock.
- Install the new panic safe lock (15) and fasten it with the same two frontal screws (15b).
- Put the cam in vertical position and insert the cylinder (1) into the lock (15) with the thumbturn latch-side at the pull-side of the door; fix it provisionally with the screw (1a).
- Adjust the plastic spacers (5 and 6) to the thickness of the leaf so that they do not protrude more than 1mm from it.
- Screw onto installation plates (3a and 10b) of handle (3) and doorknob (10) the screws (18), just enough to insert the cover plates (4 and 10a).
- Insert the square spindle (2) into the handle (3) and fasten the pin (3b) with the S3 hex key (13). In case of leaf-thickness less than 50mm shorten the square spindle for 10mm. Ensure that the square spindle does not protrude more than 8mm from the leaf.
- Insert the spacer (6) at pull-side and place the handle (3) at the leaf being careful to center the square spindle (2) in the lock (15) and the installation plate (3a) over the cylinder (1).
- Insert the two threaded inserts (7) in the installation plate (10b) of fix external doorknob (10), making sure that they are well-centred.
- Insert the two spacers (5 and 6) over the threaded inserts (7) and apply the doorknob (10) on the push-side of the door, being careful to center the inserts over their respective holes and the installation plate (10b) over the cylinder (1).
- Apply screws (9) and toothed washers (8).
- Center the threaded inserts and the screws, starting the screws by hand before fastenig them with the screwdriver; take care to not deform the installation plate.
- Use the Hot-Cil-X handle to ensure that the latch bolt (15a) of the panic safe lock opens easily and fully.
- Finish fastening the cylinder (1), insert the little cap hole (12) in the open hole of the panic safe lock (15).
- Use the Hot-Cil-X handle to ensure that the latch bolt (15a) 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 (16).
- Fasten additionally the installation plates (3a and 10b) of handle (3) and doorknob (10) using the self-tapping screws Ø4,2x13mm (11) and their toothed washers (8) after drilling holes in the metal panel with the Ø2mm drill bit.
- Insert the cover plates (4 and 10a) onto respective installation plates (drw. 2). Using the S2 hex key (14), unscrew the screws (18) until the covers become fixed, avoiding any deformation (drw. 3).
- Insert the thumbturn latch (1b) over the spindle of the cylinder (1) and fix it with the S2 hex wrench (14).
- Apply the pictogram (17) with the green arrow on the internal surface of the door, just above the emergency 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 handle and 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 handle 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 and the deadbolt retreat 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 a cleaning agent designed specifically for stainless steel.

- 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.

CE 0425

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 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:

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

SERIE / *SERIES* HOT-CIL, HOT-CIL-X
MODELLI / *MODELS* M3 tir, M3X tir
See annex

Caratteristiche: vedi Allegato / *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 / *HEAD OFFICE* Corso Trento, 2/A
38061 ALA (TN) ITALY

UNITÀ OPERATIVA / *PRODUCTION UNIT* Corso Trento, 2/A
38061 ALA (TN) ITALY

Questo certificato attesta che tutte le disposizioni riguardanti la valutazione e la verifica della costanza della prestazione e le prestazioni descritte nell'allegato ZA della norma:
This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard

EN 179:2008

nell'ambito del sistema 1 di cui al presente certificato vengono applicati e che il controllo di produzione in fabbrica condotto dal produttore è valutato al fine di garantire la
under system 1 set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

COSTANZA DELLA PRESTAZIONE DEL PRODOTTO DA COSTRUZIONE
CONSTANCY OF PERFORMANCE OF THE CONSTRUCTION PRODUCT

Questo certificato è stato emesso per la prima volta il 28/04/2010 e ha validità sino a che la norma armonizzata, il prodotto da costruzione, i metodi ACVP o le condizioni di produzione nello stabilimento non subiscano modifiche significative, o sino a che non venga sospeso o ritirato dall'organismo di certificazione notificato ICIM S.p.A.
This certificate was first issued on 28/04/2010 and will remain valid as long as neither the harmonized standard, the 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 ritenersi valido solo se accompagnato dal relativo Allegato / *This Certificate is valid only with the relative Annex*

ICIM S.p.A.
Direttore Tecnico

EMISSIONE / *ISSUE*
15/12/2016

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

0553CIM_01_IT

Certified components for KIT HOT-CIL-X

Emergency exit device:	model “HOT-CIL-X”
Panic safe lock:	item 3201001.011 (AP sp ti)
Lock strike boxes:	items 2401006, 2401005, 2401015, 2401014
Operating element:	item 3101017.002 (M2X)

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

position	code	description
2, 3, 3a, 3b, 4, 5, 6, 7, 8, 9, 10, 10a, 10b, 11, 12, 13, 14, 18	3101066.001	Set handle and fix knob (M2X) with double square spindle - stainless steel
		Single mastered nickel-plated cylinder with thumbturn latch
1, 1a, 1b, 14	4202102.004	40/40 for Proget/Univer thickn. 60mm
1, 1a, 1b, 14	4202102.005	35/35 for Univer thickness 50mm
1, 1a, 1b, 14	4202102.006	30/30 for Rever
15	3201001.011	Panic safe lock to pull/push (AP sp ti)
19	4212024.001	Set of 10 Proget strike box lock
19	4212025.001	Set of 10 Univer thk 60mm strike box lock
19	4212026.001	Set of 10 Univer thk 50mm strike box lock
19	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 device in the lock zone must be disassembled, including the cylinder. The lock itself (15) can be removed by unscrewing the two frontal screws.

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.