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EXUS LP BM

PANIC EXIT DEVICE for emergency exits

A047-GB

5001144/2 - 07/17

	Commercial codes		DoP no.	1125-TW-EX-01
	EXUS LP BM	item 4201101.001	Website	https://www.ninz.it/it/download/dop
3	EXUS LP DC BM	item 4201101.010	Classification	3 7 7 B 1 3 2 1 A A
	Name and address of the producer	NINZ S.p.A corso Trento 2/A I-38061 ALA (TN) - ITALIA		- Category of use: high frequency - Durability: 200.000 cycles
	Year application trademark	2007	3 rd Character - grade 7 4 th Character - grade B	 Mass of the door: over 200kg Suitable for use on fire/smoke rated doors Safety: suitable for emergency exits
	Standard	EN 1125:2008 + EC1:2009	7th Character - grade 2	- Highly resistant to corrosion 96h - Safety of goods: 1000N
	Certification authority no.	0425	9th Character - grade A	 Protrusion of the exit bar: up to 150mm Activation type: push bar Suitable for 1 or 2 leaved door
	CE certification no.	0425-CPR-001228	doors up to 1350x2880n	one leaf or for the active leaf (primary) of two-leaved nm/leaf in size, a mass of up to 300kg/leaf, mounted resistant up to El ² 120 – REI120 and smoke proof. : 125mm.

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

Panic bar for one-leaved doors or for the active leaf of two-leaved doors located at emergency exits and activated by push-bars. Composed of galvanized steel controls, black plastic casing and lever, horizontal aluminium bar, external lever handle and nickel-plated brass cylinder with three keys.

This product does not contain or release any hazardous materials, as per UNI EN standard nr. 1125 appendix ZA.

OPERATION MODE

While locked by key, the door cannot be opened from the pull side (handle side), while it can always be opened from the push side by using the horizontal bar of the EXUS LP BM panic exit device.

WARNINGS

The EXUS panic bar activated by means of a horizontal bar is intended for use onto doors installed in escape routes where panic situations could develop. The safety features of this product are of fundamental importance to ensure its conformity with EN 1125. It is strictly forbidden to introduce any type of modifications apart from those described in these installation instructions.

RECOMMENDATIONS

In order to ensure that the panic bar could provide a high level of safety toward people and appropriate safety level toward goods, it should only be mounted onto doors and doorframes that are in good conditions. The door itself, therefore, should be checked to ensure that it was installed properly and that nothing obstructs its normal movement.

If door rebate sealing have been mounted on the door, make sure they do not inhibit proper functioning of the panic bar.



In case of two-leaved door where both leaves are equipped with panic bar, it is mandatory to check that each leaf opens when its respective panic bar is activated, and that leaves open freely when the bars are activated simultaneously.

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.

The horizontal bar should be installed in a way that maximizes its useable length.

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.

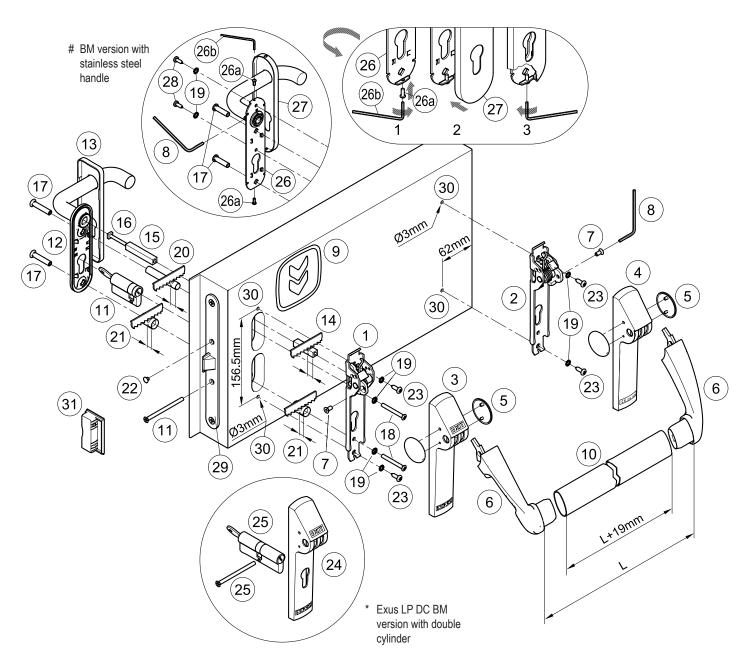
Different external access devices than those found on the list of certified components on pages 4/4 are considered unacceptable.

The EXUS panic bar 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.

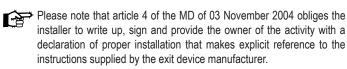
A pictogram (arrow) should be positioned immediately above the horizontal bar on the internal side of the door.

All of the included components described herein must be positioned and mounted in conformity with the present document.



CONTENTS OF THE EXUS LP BM PANIC BAR PACKAGE

position	pcs.	description	position	pcs.	description	
1, 2	01	Twist/Exus mechanism assembly	21	02	Ø15,0x23,5mm spacer	
3, 4, 5	01	Twist/Exus LP carter set with plugs	22	01	Black cap hole Ø8,8mm	
6	01	Exus LP set carrier arms	23	04	Pan head self tapping screw Ø4,8x16mm	
7	02	M5x10mm hex socket countersunk screw	24 *	01	Exus LP DC carter set	
8	01	S3 hex key	25 *	01	Double nickel-plated cylinder with three keys and fastening	
9	01	Adhesive pictogram (green arrow)			screw	
10	01	Horizontal bar in anodized aluminium	26 #	01	Stainless steel handle with galvanized steel installation	
11	01	Standard nickel-plated half cylinder with three keys and			plate and fastening socket set screw	
		fastening screw	26a #	02	M3x8mm pan head screw	
12	01	Handle with galvanized steel installation plate	26b #	01	S2 hex key	
13	01	Black plastic cover plate	27 #	01	Stainless steel cover plate	
14, 15	01	Square spindle 9x9x(55+40)mm	28 #	02	Pan head self tapping screw Ø4,2x13mm	
16	01	M5 screw for threaded square spindle				
17	02	M5 threaded insert	-	01	A034 hole-drilling template	
18	02	M5 countersunk pan head screw	-	01	Exus LP BM panic bar set installation instruction	
19	06	Toothed washer (# 8 pcs. for stainless steel version)				
20	01	Ø10,3x60,6mm spacer				
20	01			\sim - The papic lock (29) and the respective strike box (counterstrike) (31)		



- The panic lock (29) and the respective strike box (counterstrike) (31) are delivered already mounted on the door!

TOOLS REQUIRED

Medium-sized Philips-head screwdriver or electric screwdriver, electric drill with \emptyset 2 and \emptyset 3mm drill bit for steel, fine-toothed hack-saw and hack-saw for aluminium.

IMPORTANT

- Installation should be carried out by gualified 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 **[**-8 package contents may be used.

- Given its purpose, the Exus LP BM panic bar should be mounted on the pushside of the door.
- Before proceeding with installation, check the package contents to ensure that no pieces are missing, keeping in mind that only the Exus LP DC BM panic bar includes a double cylinder.
- Check if the door is equipped with the panic safe lock.
- Check the type of lever handle to apply and follow the specific instructions.
- Any different installation configuration from that illustrated on pag. 2/4 is not allowed.

INSTALLATION

- Insert the cylinder (11 or 25) and fasten it temporarily with the screw (11 or 25), then remove the key.
- Adjust the plastic spacers (20 and 21) to the thickness of the leaf so that they do not protrude from its surface.
- Adjust the threaded square spindle (14) to the thickness of the leaf so that it protrudes 11±1mm from the door surface; be careful to cut the bevelled side.
- Insert the square spindles (14 and 15) into the lock for connecting them by tightening the respective screw (16).
- In case of stainless steel handle (26), screw onto his installation plate the screws (26a), just enough to insert the cover plate (27).
- Insert the two threaded inserts (17) in the installation plate of the handle (12 or 26), making sure it is well-centred.
- Insert the two spacers (20 and 21) over the threaded inserts and apply the handle on the pull-side of the door, being careful to center the square spindle and the inserts over their respective holes.
- Apply the operating mechanism (1) to the lock side (push-side of the door) after inserting the screws (18), toothed washers (19) and spacer (21). Center the square spindle, screws and cylinder (the latter for the Exus LP DC version only), starting the screws by hand before fastening them with the screwdriver.
- Use the template to drill the holes (30) with the Ø3mm drill bit, checking the level. If holes are already present, drill them again for the internal reinforcement.
- Fasten the mechanism (1) even more securely with the self-tapping screws Ø4,8x16mm (23) and their toothed washers (19).
- Fasten the mechanism (2) of the panic bar at hinged side, using the selftapping screws Ø4,8x16mm (23) and their toothed washers (19).
- Put the plastic carter with "EXIT" wording (3 or 24) on the operating mechanism (1) and the other one (4) on the hinged side mechanism (2), snapping them on manually.
- In case of plastic handle (12), clip the cover plate (13) manually onto his installation plate.
- Apply the carrier arms (6) and fasten them with the dedicated screws (7), tightening them securely with the included S3 wrench (8).
- Make a precise "L" measurement, cut the aluminium bar (10) adding 19mm and remove the burrs from the cut edge. Remove one carrier arm, attach the bar and re-fasten the entire assembly.
- Apply the plugs (5).
- Finish fastening the cylinder (11 or 25), insert the little cap hole (22) in the open hole of the panic safe lock (29)



- Push the Exus LP BM panic bar at any point along the horizontal bar, checking to ensure that the latch bolt of the central safe lock opens easily and fully. Use the same method to check the external handle and also the key. Test the door in both open and closed positions and if necessary, file down the plastic strike box (31) of one-leaved doors, or the panic safe lock for inactive leaf of two-leaved doors. In case of Proget door with three-point locking mechanism, the latch bolts of lock-levers and/or their strike box have to be considered too.

- In case of stainless steel handle (26) it is also necessary to fasten his installation plate using the Ø4,2x13mm self-tapping screws (28) and their toothed washers (19) after drilling holes in the metal panel with the Ø2mm drill bit. Insert the cover (27) onto the handle (drw. 2). Using the S2 hex key (26b) to unscrew the screws (26a) until the cover become fixed, avoiding any deformations (drw. 3). Insert and fasten the socket set screw well with the S3 hex key (8).
- Apply the pictogram (9) with the green arrow on the internal surface of the door, just above the horizontal bar.



- Lastly, use a dynamometer to measure the force required on the horizontal bar to release the lock. Record this force measurement in the present document.

USE

- Ensure that the door always opens easily.
- Avoid unnecessary strains on or handling onto handle and exit bar.
- Protect the panic bar from external atmospheric agents.
- Avoid anything that could hamper the free movement of the bar.
- Do not paint the lock and any lock-lever.
- Use the bar properly, do not pull it 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 panic bar 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 panic bar, handle and key can be moved with minimal effort, and that the latch bolt of the central safe 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. In case of Proget door with three-point locking mechanism, the latch bolts of lock-levers and/or their strike box have to be considered too.
- Activate the Exus LP BM panic bar at both ends of the horizontal bar, checking to ensure full retraction of the latch bolt of the central safe lock and of any lock-levers in both cases.
- Ensure that the latch bolt of the central safe lock and of any lock-levers exits completely when the horizontal bar is released.
- Check the horizontal bar and replace it if any damage or deformities are detected.
- Check whether the inserts and strike boxes are blocked in any way and eliminate any obstructions.
- This product requires no special maintenance. Grease spray should be used to lubricate the internal workings of lock, lock-levers (for Proget door with three-point lock mechanism only), handle and panic bar on a regular basis the latter has a hole on its carter for this purpose, located below the carrier arms.
- For normal cleaning use mild detergents.

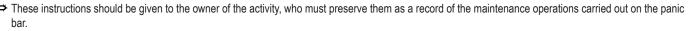
Any adjustments that become necessary must be carried out by - 687 qualified personnel using original NINZ replacement parts.

The owner of the activity is responsible for keeping the declaration of correct installation on file, conducting proper panic bar maintenance in accordance with all of the manufacturer's maintenance guidelines, keeping maintenance and check-up records and preserving the present document.

		SPARE PARTS (see exploded drawing at page. 2/4)				
cc		position	code	description		
CE		1, 2, 3, 4, 5, 6, 7, 8, 9	3102055.001	Exus LP latch case – black plastic		
0425		* 1, 2, 4, 5, 6, 7, 8, 9, 24		Exus LP DC latch case with		
	ICIM	1, 2, 4, 0, 0, 1, 0, 0, 24	0102070.001	cylinder hole – black plastic		
		1, 2	3105113.001	Twist/Exus assembly mechanism		
	ICIM S.p.A Identification number: 0425	3, 4, 5	3105104.001	Twist/Exus LP carter set with plug		
	Piazza Don Enrico Mapelli, 75 - 20099 Sesto San Giovanni (MI) - ITALY					
	Certificato di costanza delle prestazioni	7, 0, 27	3105109.001	Exus LP DC carter set with plugs		
	Certificate of constancy of performance	6	3105123.001	Exus LP carrier arm set		
	Certificato N. Certificate No. 0425 - CPR - 001228	7,8	3105026.001	Twist/Exus bag		
	In conformità al Repolamento 305/2011/EU del Parlamento Europeo e del Consistio del 9 marzo 2011 (Repolamento Prodetti da	10	4204009	Anodized or painted aluminium ba		
	Costruzione o CPR), questo certificato si applica al prodotto da costruzione. In compliance with Reguiation 035/01 ffLUE in the Exurgence Parliament and of the Count of 9 March 2011 (the Construction Productic Certification on CPR), filo serificate applice to the construction product:			set		
	Dispositivi per le uscite antipanico azionati mediante una barra orizzontale per l'utilizzo sulle vie di esodo	12, 13, 14, 15, 16, 17,	4211101.001	Twist/Exus BM set – black plastic		
	Panic exit devices operated by a horizontal bar, for use on escape routes SERNER SERNES TWIST, EXUS LP, EXUS LA, EXUS LX	18, 19, 20, 21, 22, 23				
	MODELLI/MODELS Si veda allegato / See annex	# 14, 15, 16, 17, 18, 19,	4211101.021	Twist/Exus BM set – stainless		
	Caratteristiche: vedi Allegato / Characteristics: see Annex IMMESSO SUL MERCATO CON IL NOME O IL MARCHIO DI	20, 21, 22, 23, 26,		steel		
	PLACED ON THE MARKET UNDER THE NAME OR TRADE MARK OF NINZ S.p.A.	26a, 26b, 27, 28				
	SEDE LEGALE Corso Trento, 2/A - 38061 ALA (TN) - ITALY			Standard nickel-plated half cylinde		
	UNITÀ OPERATIVA PRODUCTIVA LIMIT Corso Trento, 2/A - 38061 ALA (TN) - ITALY	11	4202103.001	40/10 for Proget/Univer thk 60mm		
	Tuasto cartificato attasta che tutte la disensitivini rinuarianti la usiutazione e la varifiva dalla costanza della nestazione e la	11	4202103.002	35/10 for Univer thickness 50mm		
	creatization description enrichage to a constrain the minimum of the minimum of the minimum occurs and the provision concerning the assessment and verification of constancy of performance and the exercise of the standard	11	4202103.003	30/10 for Rever		
	EN 1125:2008 + EC1:2009 vellambito del sistema 1 di cui al presente certificato vengono applicati e che il controllo di produzione in fabbrica condotto dal ordottore è valutato al fine di garantire la			Std nickel-plated double cylinder		
	ander 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	* 25	4202101.004	45/40 for Proget/Univer thk 60mm		
	CONSTANCY OF PERFORMANCE OF THE CONSTRUCTION PRODUCT	* 25	4202101.001	40/40 for Univer thickness 50mm		
(Juesto cettifato è stato enesso per la prima volta il 1604/2007 e ha validità sino a che la norma armonizzata, il prodotto da zostruzione, il metodi ACVP o le condizioni di produzione nello stabilimento non subiscano modifiche significative, o sino a che non enga sospeso o ritinato dall'organismo di centificazione moltificato ICMR S.p.A.	* 25	4202101.002	35/35 for Rever		
	This certificate was first issued on 1804/2007 and will remain valid as long as neither the harmonized standard, the construction product, the AVCP methods nor the manufacturing contribions in the plant are modified significantly, unless suspended or withdrawn by the notified aroduct confidenciation by OVIII & s.A.	29	3201001.016	Panic safe lock to push (AP 16/18		
	If presents Certificate is de ritement valids solo se accompagnato dal relativo Allegato / Tris Certificate is valid only with the relative Annex	31	4212024.001	Set of 10 Proget strike box lock		
	V. Qela	31	4212024.001	Set of 10 Univer thk60 strike box lock		
	ICIM S.p.A.	31	4212025.001	Set of 10 Univer thk50 strike box loc		
5	Direttore Tecnico Emissione ISSUE	31	4212026.001	Set of 10 Rever strike box lock		
01_IT	ISSUE 22/06/2017	51	4212021.001	Set of To Rever Stille Dox lock		
0553	ICIM S.p.A Piazza Don Enrico Mapelli, 75 - 20099 Sesto San Giovanni (MI)					
			MENIS USE	ORIGINAL NINZ REPLACEMEN		
		PARTS FROM ITS	S FULL CERTIF	IED SYSTEM ONLY!		
Certified compo	nents for EXUS LP BM	PROPER DISASSEMBLY				
				r needs to be replaced, the genera		
Panic exit device	e: series "EXUS LP"			ginal installation instructions.		
				bar in the locking device zone must		
Panic safe lock:	item AP 16/18, MAC 1 3201001.041/042, 3201001.018			handle. The lock itself (29) can b		
anic sale iUCK.		removed by unscrewing th				

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

MAINTENANCE date	RECORD description of the intervention	release force checked	operator



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Lock strike box:

External control:

item 2401006, 2401005, 2401015, 2401014

item BM, BM inox, ELECTRIC HANDLE