

KIT EXUS LP BPS

PANIC EXIT DEVICE for emergency exits

A089-GB

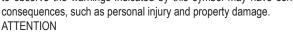
5001181/1 - 02/19

	Commercial codes		DoP no.	1125-TW-EX-01	
	4204301.002	KIT EXUS LP BSP	Website	https://www.ninz.it/it/download/dop	
	4204301.009 4204301.010	KIT EXUS LP DC BSP 60mm KIT EXUS LP DC BSP 50mm	Classification	3 7 7 B 1 3 2 1 A A	
	4204301.011	KIT EXUS LP DC BSP 40mm	0	 Category of use: high frequency Durability: 200.000 cycles 	
	Name and address of the producer	NINZ S.p.A corso Trento 2/A I-38061 ALA (TN) - ITALIA	4th Character - grade B	 Mass of the door: over 200kg Suitable for use on fire/smoke rated doors Safety: suitable for emergency exits 	
7,	Year application trademark	2007	7 th Character - grade 2 8 th Character - grade 1	 Highly resistant to corrosion 96h Safety of goods: 1000N Protrusion of the exit bar: up to 150mm 	
	Standard	EN 1125:2008 + EC1:2009	0	 Activation type: push bar Suitable for 1 or 2 leaved door 	
	Certification authority no.	0425		one leaf or for the active leaf (primary) of two-leaved mm/leaf in size, a mass of up to 300kg/leaf, mounted	
	CE certification no.	0425-CPR-001228	on hinges or pivots, fire Protrusion of the exit bar	e 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



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, panic lock 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.

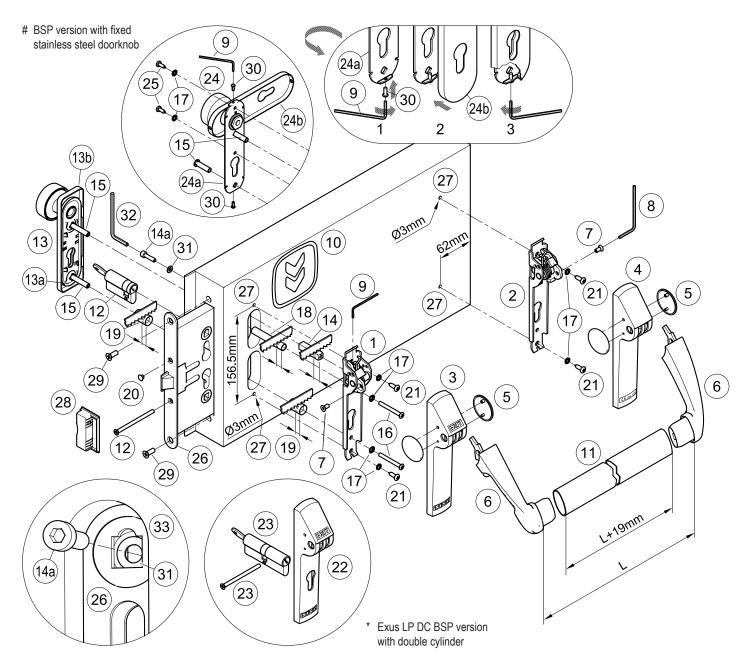
Different external access devices than those found on the list of certified components on pages 4/4 are considered unacceptable.

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 BSP PANIC BAR KIT PACKAGE

position	pcs.	description	position	pcs.	description
1, 2	01	Twist/Exus mechanism assembly	18	01	Ø10,3x60,6mm spacer
3, 4, 5	01	Twist/Exus LP carter set with plugs	19	02	Ø15,0x23,5mm spacer
6	01	Exus LP set carrier arms	20	01	Black cap hole Ø8,8mm
7	02	M5x10mm hex socket countersunk screw	21	04	Pan head self tapping screw Ø4,8x16mm
8	01	S3 hex key	* 22	01	Exus LP DC carter set
9	01	S2 hex key	* 23	01	Double nickel-plated cylinder with three keys and
10	01	Adhesive pictogram (green arrow)			fastening screw
11	01	Horizontal bar in anodized aluminium	# 24, 24a, 24b	01	Fixed doorknob with stainless steel cover plate and
12	01	Standard nickel-plated half cylinder with three keys			galvanized steel installation plate
		and fastening screw	# 25	02	Pan head self tapping screw Ø4,2x13mm
13, 13a, 13b	01	Fix doorknob with black plastic cover plate and	26	01	Panic safe lock
		galvanized steel installation plate	28	01	Proget strike box lock
14, 14a	01	9x9x40mm threaded square spindle with M5x20mm	# 30	02	M3x8mm pan head screw
		hex socket screw	31	01	Washer
15	02	M5 threaded insert	32	01	S4 hex key
16	02	M5 countersunk pan head screw	-	01	A034 hole-drilling template
17	06	Toothed washer (# 8 pcs. for stainless steel version)	-	01	Exus LP BSP Kit panic bar 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 \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 **F**-8 package contents may be used.

- Given its purpose, the Exus LP BSP panic bar should be mounted on the push-side 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 BSP panic bar includes a double cylinder.
- Check the type of doorknob to apply and follow the specific instructions.
- Any different installation configuration from that illustrated on page 2/4 is not allowed.

INSTALLATION

- First disassemble any handles or bar components that are already present.
- Unscrew the two frontal screws (29), and take away the existing lock (26). Install the new panic safe lock (26) and fasten it with the same two frontal screws (29).
- Insert the cylinder (12 or 23) and fasten it temporarily with the screw (12 or 23), then remove the key.
- Adjust the plastic spacers (18 and 19) 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 washer (31) over the square hole of the panic safe lock (26), from the pull-side of the door, as showed in drawing (33). Insert the M5x20mm screw (14a) over the washer (31) and screw it at the square spindle (14), using the S4 hex wrench (32). Make sure that washer and square spindle are correctly inserted over the square holes before tighten the screw (14a).

- In case of stainless steel doorknob (24), screw onto installation plate (24a), the screws (30), just enough to insert the cover plate (24b). Insert the threaded inserts (15) in the installation plate of the doorknob, making sure it is well-centred.
- Insert the two spacers (18 and 19) over the threaded inserts (15) and apply the doorknob on the pull-side of the door, being careful to center the inserts over their respective holes.
- Apply the operating mechanism (1) to the lock side (push-side of the door) after inserting the screws (16), toothed washers (17) and spacer (19). 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 (27) 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 (21) and their toothed washers (17).
- Fix the square spindle (14) at the operating mechanism (1), using the S2 hex wrench (9).
- Fasten the mechanism (2) of the panic bar at hinged side, using the selftapping screws Ø4,8x16mm (21) and their toothed washers (17).
- Put the plastic carter with "EXIT" wording (3) on the operating mechanism (1) and the other one (4) on the hinged side mechanism (2), snapping them on manually.
- 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 (11) 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 (12 or 23), insert the little cap hole (20) in the open hole of the panic safe lock (26).



- Push the Exus LP BSP panic bar at any point along the horizontal bar, checking to ensure that the latch bolt opens easily and fully. Use the same method to check the external side, using the key to retract the latch bolt. Test the door in both open and closed positions, and if necessary file down the plastic strike box (28) of one-leaved doors, or the panic safe lock for inactive leaf of two-leaved doors.

- In case of stainless steel doorknob (24), it is also necessary to fasten the installation plate (24a) using the self-tapping screws Ø4,2x13mm (25) and their toothed washers (17) after drilling holes in the metal panel with the Ø2mm drill bit. Insert the cover plate (24b) onto installation plate (drw. 2). Using the S2 hex key (9), unscrew the screws (30) until the cover become fixed, avoiding any deformation (drw. 3).
- Apply the pictogram (10) 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

- Avoid unnecessary strains on or handling onto doorknob and exit bar.
- Protect the panic bar from external atmospheric agents.
- Ensure that nothing hinders the free movement of the horizontal bar.
- Do not paint the lock.
- 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 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.
- Activate the Exus LP BSP panic bar at both ends of the horizontal bar, checking to ensure full retraction of the latch bolt in both cases.
- Ensure that the latch bolt 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 the lock 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 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 PAR	RIS (see explode	d drawing at page 2/4)
	SN	position	code	description
CC	ALL	1, 2, 3, 4, 5, 6, 7, 8, 10		Exus LP latch case – black plast
0425		* 1, 2, 4, 5, 6, 7, 8, 10,	3102073.001	Exus LP DC latch case with
	ICIM	22		cylinder hole – black plastic
		1, 2	3105113.001	Twist/Exus assembly mechanism
Piazza	ICIM S.p.A Identification number: 0425 a Don Enrico Mapelli, 75 - 20099 Sesto San Giovanni (MI) - ITALY	3, 4, 5	3105104.001	Exus LP carter set with plugs
	ificato di costanza delle prestazioni	* 4, 5, 22	3105109.001	Exus LP DC carter set with plug
	rtificate of constancy of performance	6	3105123.001	Exus LP carrier arm set
	ertificato N. 0425 - CPR - 001228	7,8	3105026.001	Twist/Exus bag
	al Regolamento 305/2011/EU del Parlamento Europeo e del Consiglio del 9 marzo 2011 (Regolamento Prodotti da	11	4204009	Anodized or painted aluminium
In compliance	Costruzione o CPR), questo certificato si applica al prodotto da costruzione: e with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Certification or CPR), film is certificate applies to the construction product:		0.000	bar set
Dispositivi sulle vie di e	per le uscite antipanico azionati mediante una barra orizzontale per l'utilizzo	13, 13a, 13b, 14, 14a,	4211101.002	Twist/Exus BSP set – black
	evices operated by a horizontal bar, for use on escape routes	15, 16, 17, 18, 19, 20,		plastic
MODELLI/MOD		21, 31, 32		produc
	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	# 14, 14a, 15, 16, 17, 18	4211101.022	Twist/Exus BSP set – stainless
	NINZ S.p.A.	19, 20, 21, 24, 24a,	,	steel
SEDE LEGALE HEAD OFFICE	Corso Trento, 2/A - 38061 ALA (TN) - ITALY	24b, 25, 30, 31, 32		#.
UNITÀ OPERATI PRODUCTION U	NA Corso Trento, 2/A - 38061 ALA (TN) - ITALY			Standard nickel-plated half cylind
prestazioni descrit	attesta che tutte le disposizioni riguardanti la valutazione e la ventica della costanza della prestazione e le te nell'allegato ZA della norma:	12	4202103.001	40/10 for Proget/Univer thk 60m
performances des	ttests thai all provisions concerning the assessment and verification of constancy of performance and the cribed in Annex ZA of the standard EN 1125:2008 + EC1:2009	12	4202103.002	35/10 for Univer thickness 50mr
under system 1 se	stema 1 di cui al presente certificato vengono applicati e che il controllo di produzione in fabbrica condutto dal ato al fine di garantire la ro in this certificate are applied and that the factory production control conducted by the manufecturer is assessed	12	4202103.002	30/10 for Rever
to ensure the	COSTANZA DELLA PRESTAZIONE DEL PRODOTTO DA COSTRUZIONE		1202 100.000	Standard nickel-plated double cylind
Questo certificato	CONSTANCY OF PERFORMANCE OF THE CONSTRUCTION PRODUCT è stato emesso per la prima volta il 1804/2007 e ha validità sino a che la norma armonizzata, il prodotto da	* 23	4202101.004	45/40 for Proget/Univer thk 60m
venga sospeso o r This certificate wa	of ACVP or is condition if groutone nells stabilizento non subscano modifiche significative, o sino a che non tritto dall'organiero i dorittazione nollesi CMS s.p.4. si fati sauso ni 1804/2007 and will remain valid a song as nelltrie the hammonized standard, he construction mittodis not i manuficiaturgi conditioni in the plani at e modifici aphificativi, nales aupended or withforame hy	* 23	4202101.001	40/40 for Univer thickness 50mr
the notified produc	a centrication body ICIM S.p.A.	* 23	4202101.002	35/35 for Rever
Il presente Ci	etificato è da ritenersi valido solo se accompagnato dal relativo Allegato / This Cartificate is valid only with the relative Annex	26	3201001.016	Panic safe lock to push (AP 16/1
	- Y lelpe	28	4212024.001	Set of 10 Proget strike box lock
	IÇIM S.p.Ă. Direttore Tecnico	28	4212024.001	Set of 10 Univer thk60 strike box lo
0553CM_01_IT	EMISSIONE ISSUE	28	4212025.001	Set of 10 Univer thk50 strike box lo
065307	18/04/2017	28	4212027.001	Set of 10 Rever strike box lock
	ICIM S.p.A Piazza Don Enrico Mepelli, 75 - 20099 Sesto San Giovanni (MI)			ORIGINAL NINZ REPLACEMEN
				ED SYSTEM ONLY!
ertified components for	or KIT FXUS LP BSP	PROPER DISASSEMBLY	/	
				needs to be replaced, the gener
anic exit device:	model "EXUS LP"			inal installation instructions.
				bar in the locking device zone mu
anic safe lock:	item AP 16/18			oorknob. The lock itself (26) can b
		removed by unscrewing t		
ock strike boxes:	items 2401006, 2401005, 2401015, 2401			
			hould be carried	out with great care in order not
	itama DCD DCD inav	damage or move	the components	located inside lock housing!
perating elements:	items BSP, BSP inox			
perating elements:				
MAINTENANCE REC		n	elease force cheo	ked operator

These instructions should be given to the owner of the activity, who must preserve them as a record of the maintenance operations carried out on the panic bar.