

PHA 2000 PHB 3000 Exit Pad

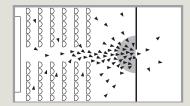
Panic Hardware in Contur Design



The modular dormakaba panic hardware-system in contur design

Prior knowledge of how to open the escape door is not expected.

DANGER OF PANIC



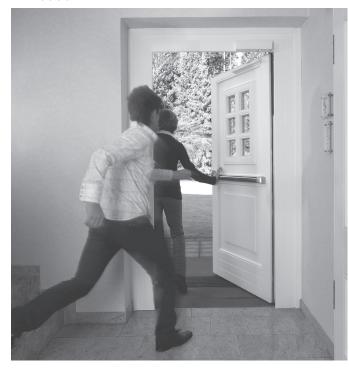
EN 1125

Panic exit devices operated by a horizontal bar

PHA 2000



PHB 3000



F Approval certification

The Panic Hardware products of the series PHA 2000 and PHB 3000 have been tested to and certified compliant with EN 1125. All products meet the requirements of Annex ZA to EN 1125 and are therefore qualified to bear the **CE** mark of conformity.





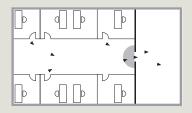




Contents

Advanced, high-spec fittings for emergency exit doors

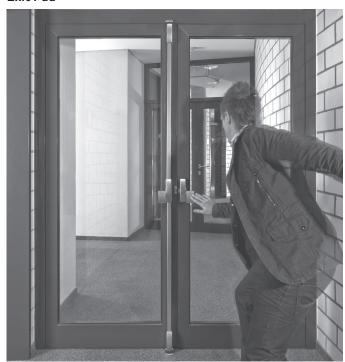
Prior knowledge of how to open the escape door is expected. NO DANGER OF PANIC



EN 179 Emergency escape devices with exit pad

With this system, dormakaba is able to offer a comprehensive range of high-quality panic hardware fittings with horizontal and vertical locking for doors in emergency exits and escape routes – applications in which safety, reliability and aesthetic attractiveness are indispensable requirements. dormakaba's PHA and PHB products cover in full the hardware requirements that arise in public-frequented facilities such as hospitals, universities and schools, concert halls, shopping malls, hotels and administrative buildings. Whether office suites or apartment blocks, in buildings where there is generally no public pedestrian traffic, the Exit Pad provides the ideal answer. For both series, the same external dormakaba PHT fittings are used.

Exit Pad



F Approval certification

The emergency exit devices of the Exit Pad series are tested to and certified compliant with EN 179. All products meet the requirements of Annex ZA to EN 179 and are therefore qualified to bear the **CE** mark of conformity.

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details

Components

External fittings



PHT

32



PHA 2000 / PHB 3000

Practical panic hardware for many door situations

With the series PHA 2000 crossbar and the series PHB 3000 pushbar combined with the universally applicable PHT external fittings, dormakaba is able to offer a range suitable not only for narrow-stile doors but also timber and similar full-face doors.

The wide security latchbolt engages in a keeper that is normally mounted on the frame. This ensures that the latch is extremely easy to mount and that the door is also securely locked.

Benefits

For the trade

- Modular system for reduced storage costs
- Non-handed
- Universal use of PHT external fittings

For the installer

- · Straightforward fixing
- Easy adjustment to different door widths and heights

For the architect/specifier

- For horizontal and vertical panic lock mechanisms
- External fitting with dormakaba lever handle or knob
- Electrical functions for special applications

For the user

- · Simple operation
- Excellent quality ensures long lifespan
- · Universal electric strike

Data and features			PHA 2000		PHB 3000		
		1-point	2-point	3-point	1-point	2-point	3-point
Modular system		•	•	•	•	•	•
Standard (non-expandable)		_	•	_	•	_	_
Standard doors (single-leaf/d	ouble-leaf)	•	•	•	•	•	•
Fire and smoke check doors (s	single-leaf/double-leaf) F	•	•	•	•	•	•
Glass doors		•	•	•	_	_	_
Door width	≤ 1000 mm	•	•	•	•	•	•
	≤ 1300 mm	•	•	•	•	•	•
Door height	≤ 2270 mm	_	•	•	_	•	•
	≤ 3400 mm ¹⁾	_	•	•	-	•	•
Max. door leaf weight in kg		200	200	200	200	200	200
Non-handed design		•	•	•	•	•	•
Dogging device ²⁾		•	•	•	•	•	•
Security anti-thrust latch	for standard doors	-	_	-	-	_	_
	for fire and smoke check doors	•	•	•	•	•	•
Unlocking via electric strike		0	0	0	0	0	0
Monitoring switch on actuating	ng bar	0	0	0	0	0	0
PHT external fittings For standard doors and fire a For door leaf thicknesses up t		•	•	•	•	•	•
Extended handle spindle and thicknesses of 60 – 105 mm	bolts for door leaf	0	0	0	0	0	0
Approved to EN 1125		•	•	•	•	•	•
C€ mark for construction products		•	•	•	•	•	•

ullet yes - no O Option

F Approval certification

The panic hardware products marked with an approved for use with fire and smoke check doors. Approval certification for the fire and smoke check door in conjunction with the dormakaba panic hardware product is additionally required in some countries – check local regulations.

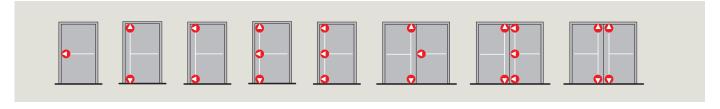




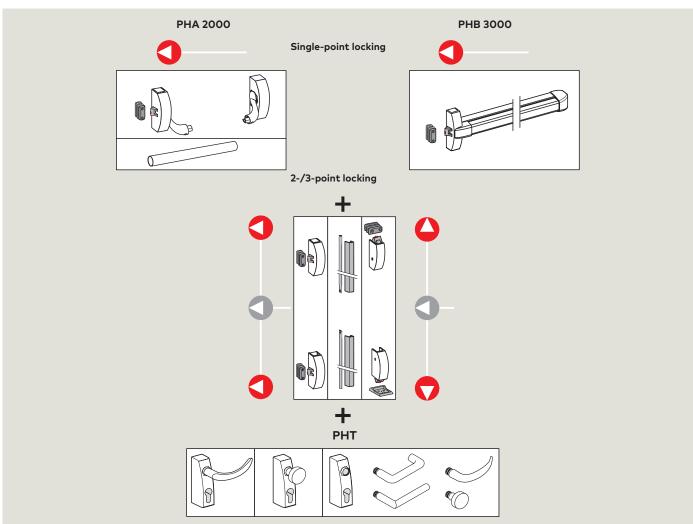
 $^{^{1)}}$ Doors higher than 2500 mm lie outside the scope of EN 1125.

²⁾ Not for Fire and smoke check doors.

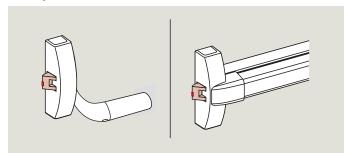




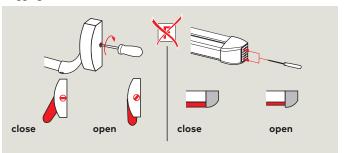
The modular panic hardware system



Security anti-thrust latch



Dogging device



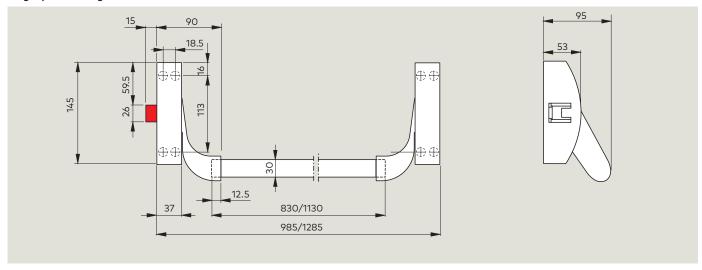
The dogging device serves to hold the latch in its retracted position so the door is freely accessible.



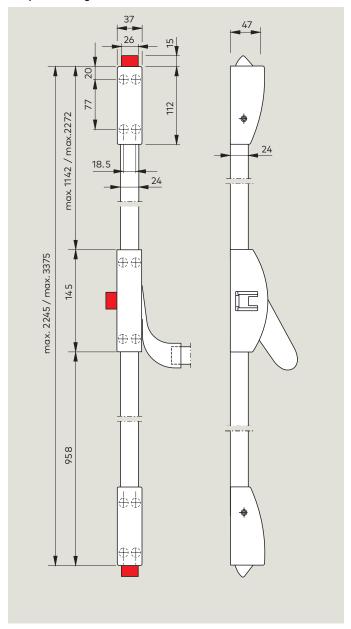
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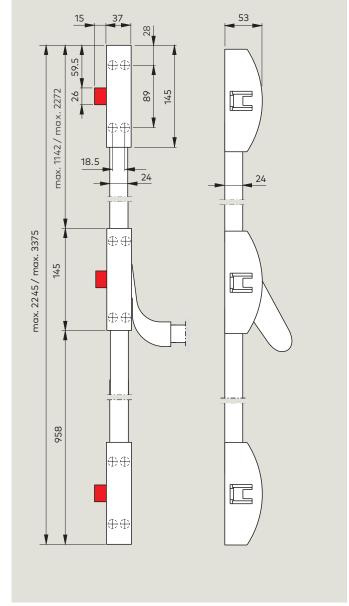
PHA 2000

Single-point locking



2/3-point locking



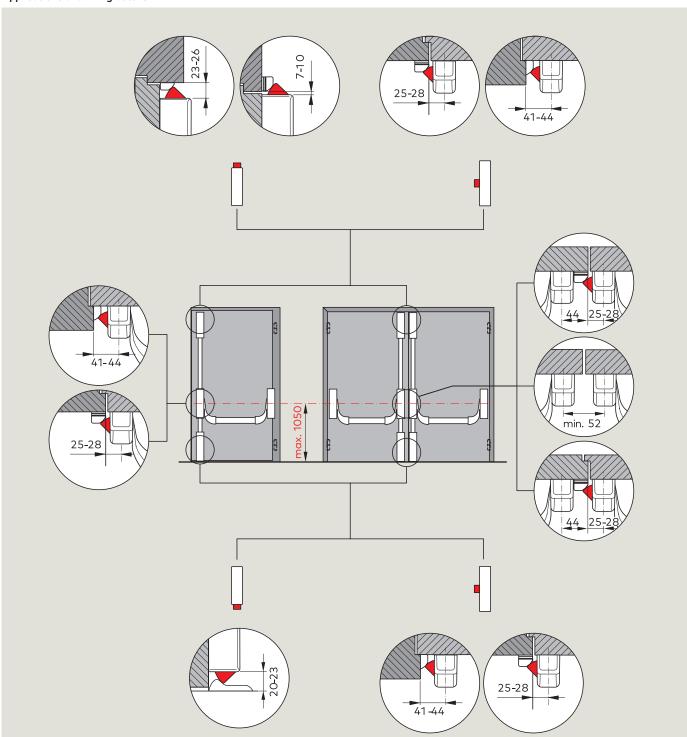






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Applications and fixing details



X

Note

It may be the case that the exit device cannot be installed based on standard measurements where the door situation is extreme, e.g. with a door width X < 1000 mm combined with a hinge offset Y > 90 mm.

dormakaba will be glad to provide you with installation suggestions on request.

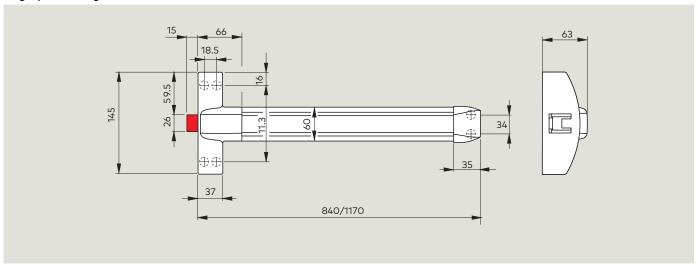






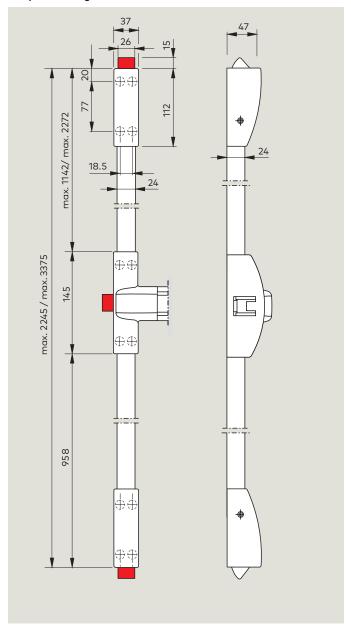
PHB 3000

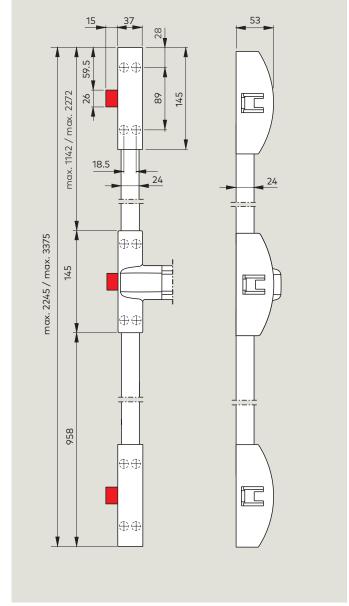
Single-point locking



•

2/3-point locking



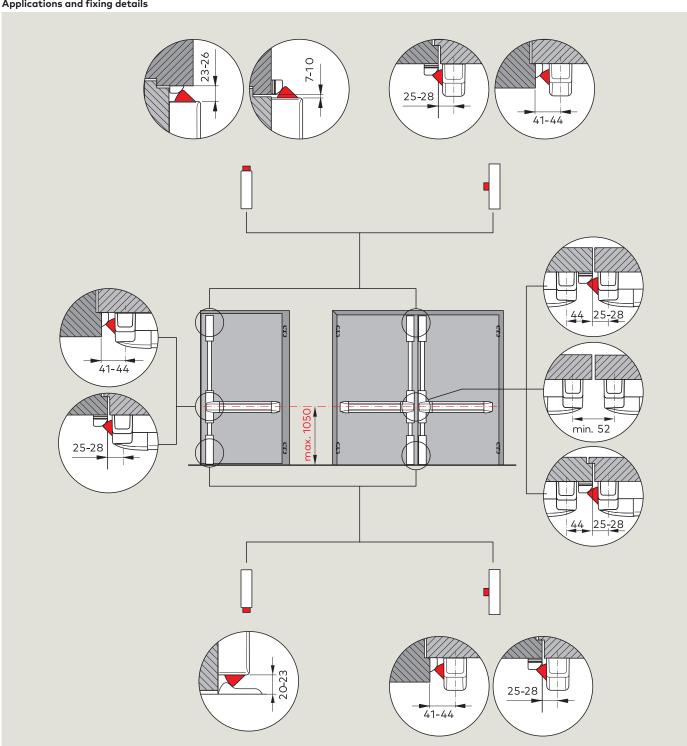


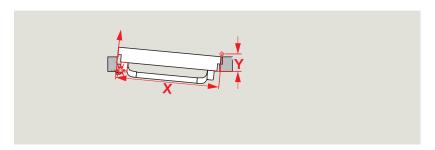






Applications and fixing details





Note

It may be the case that the exit device cannot be installed based on standard measurements where the door situation is extreme, e.g. with a door width X < 1000 mm combined with a hinge offset Y > 90 mm.

dormakaba will be glad to provide you with installation suggestions on request.





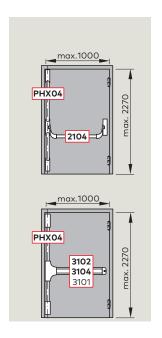


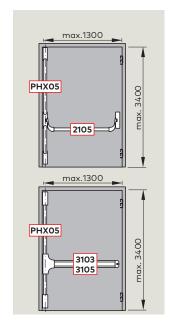
PHA 2000 / PHB 3000

Components on single-leaf doors



• yes O Option For external fittings, see page 34





F Approval certification

The panic hardware products of the series PHA 2000/PHB 3000 in the Contur design marked with the symbol have been approved for use on fire and smoke check doors.

In some countries, approval certification

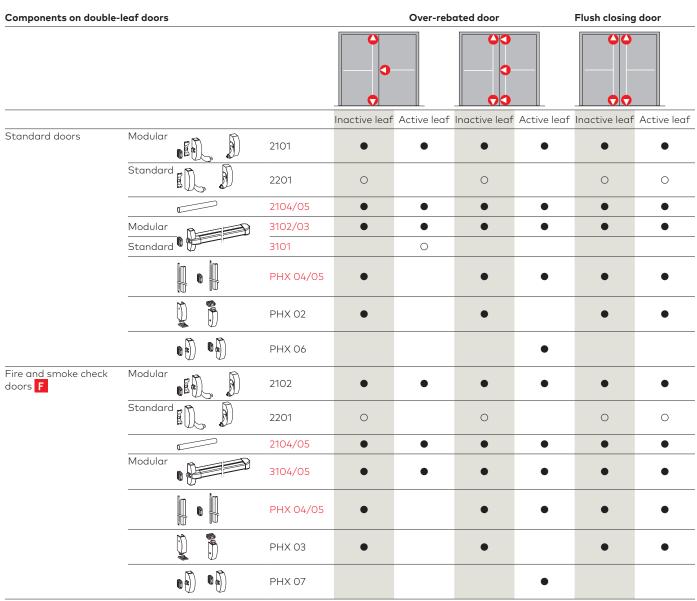
In some countries, approval certification of the fire and smoke check doors to be used is additionally required.

The panic hardware products of the series PHA 2000/PHB 3000 in the Contur design carry the **C** mark of conformity.

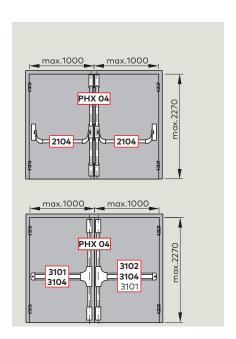


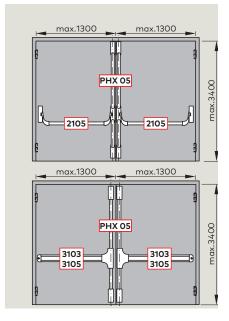






• yes O Option For external fittings, see page 34





Note

According to EN 1125, the effective length of the operating bar has to be at least 60% of the door width.

Doors higher than 2500 mm lie outside the scope of EN 1125.



PHA 2000

Specification text Order No.

PHA 2000

Panic exit device tested in accordance with EN 1125, for door widths up to 1300 mm, door heights up to 2270 (in accordance with EN 1125) or 3400 mm; non-handed. Can be unlocked electrically via electric strike. All products of the PHA 2000 series carry the $\mathbf{C}\mathbf{\epsilon}$ mark.



PHA 2101

Single-point locking, modular, for standard doors, without security anti-thrust latch, with dogging device. Zinc die-cast latch, zinc latch keeper with spacer plates, plastic mounting backplate.

A	

PHA 2102 [3

Single-point locking, modular, for fire and smoke check doors, with security anti-thrust latch and dogging device. Steel latch, steel latch keeper with spacer plates, plastic mounting backplate.



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	white
_	and the language of the talk

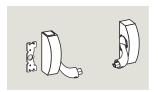
silver finish

white

stainless steel finish

silver finish

silver finish 35014 21021002 35014 21021010 35014 21021004



Two-point locking only, with dogging device. Plastic mounting backplate.

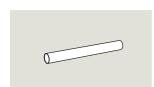
silver finish
black
white

35014 22011001 35014 22011002 35014 22011010

35014 21011001

35014 21011002 35014 21011010

35014 21021001



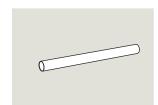
PHA 2104

Connecting rod 830 mm (for door widths up to 1000 mm)

	red	
	black	
	white	
PHA 2105		

35014 21040001 35014 21040002 35014 21040019

35014 21040010



Connecting rod 1130 mm (for door widths up to 1300 mm)

silver finish rot black white stainless steel finish	35014 21050001 35014 21050002 35014 21050019 35014 21050010 35014 21050004
stainless steel finish	35014 21050004

See page 30 for accessories such as adjustable keepers, electric strikes or micro switches for signal actuation.





35014 31011001

35014 31011010

35014 31031001

35014 31031010

35014 31041001

35014 31041010

35014 31041004



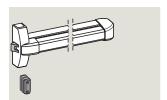
PHB 3000

Specification text Order No.

PHA 3000

Panic exit device tested in accordance with EN 1125, for door widths up to 1300 mm, door heights up to 2270 mm (in accordance with EN 1125) or 3400 mm, non-handed. Can be unlocked electrically via electric strike.

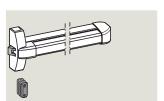
All products of the PHB 3000 series carry the **CC** mark.



PHB 3101

Single-point locking, standard,

for standard doors with a door width up to 1000 mm, without security anti-thrust latch, with dogging device. Zinc die-cast latch, steel latch keeper with spacer plates.



PHB 3102

Single-point locking, modular,

white

silver finish

for standard doors with a door width up to 1000 mm, without security anti-thrust latch, with dogging device. Zinc die-cast latch, steel latch keeper with spacer plates.



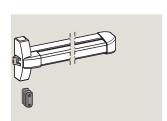
 □
 silver finish
 35014 31021001

 □
 white
 35014 31021010

PHB 3103

Single-point locking, modular,

for standard doors with a door width up to 1300 mm, without security anti-thrust latch, with dogging device. Zinc die-cast latch, steel latch keeper with spacer plates.



☐ silver finish ☐ white

PHB 3104 🖪

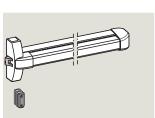
Single-point locking, modular,

silver finish

stainless steel finish

for fire and smoke check doors with a door width up to 1000 mm, with security anti-thrust latch and dogging device.

Steel latch, steel latch keeper with spacer plates.



...

Single-point locking, modular,

white

for fire and smoke check doors with a door width up to 1300 mm, with security anti-thrust latch and dogging device.

Steel latch, steel latch keeper with spacer plates.



 silver finish
 35014 31051001

 white
 35014 31051010

 stainless steel finish
 35014 31051004

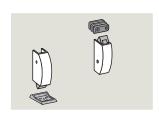






PHA 2000 / PHB 3000

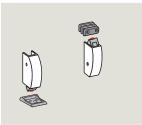
Specification text Order No.



PHX 02

Top and bottom lock combination, without security anti-thrust latch. Zinc die-cast latch, zinc top latch keeper with spacer plates, steel bottom latch

35014 22021001 silver finish black 35014 22021002 white 35014 22021010



Top and bottom lock combination, for fire and smoke check doors, with security anti-thrust latch.

Steel latch, steel top latch keeper with spacer plates, steel bottom latch



black white

stainless steel finish

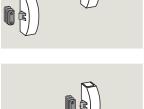
silver finish

35014 22031001 35014 22031002 35014 22031010 35014 22031004



Top and bottom locking combination with lateral latch, without security anti-thrust latch.

Die-cast zinc latch, steel latch keepers with spacer plates.



silver finish black white

Top and bottom locking combination with lateral latch, for fire and smoke check doors, with security anti-thrust latch. Steel latch, steel latch keepers with spacer plates.



stainless steel finish

35014 22071001 35014 22071002 35014 22071010



35014 22071004

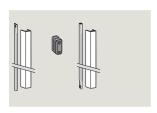
35014 22061001 35014 22061002

35014 22061010





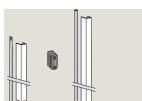
Specification text Order No.



PHX 04 🖪

Connecting rod set with cover for door heights up to 2270 mm. Steel latch keeper with spacer plates for double doors.

silver finish	35014 22041001
black	35014 22041002
white	35014 22041010
stainless steel finish	35014 22041004



PHX 05 🖪

Connecting rod set with cover for door heights up to 3400 mm. Steel latch keeper with spacer plates for double doors.

silver finish	35014 22051001
black	35014 22051001
white	35014 22051002
stainless steel finish	
	35014 22051004







Exit Pad – Emergency exits protected in accordance with EN 179

The fittings of the Exit Pad series are highquality emergency exit devices for doors in escape routes and can be combined with the components of the PHA 2000/PHB 3000 series. They are used in buildings with no public pedestrian traffic.

It is expected that people using the building are familiar with the exits and their fittings, avoiding the likelihood of a panic situation developing.

All products of the Exit Pad series have been tested to and certified compliant with EN 179. They correspond to the requirements of Annex ZA to EN 179 and can therefore carry the **CC** mark of conformity.

Benefits

For the trade

- · All-in-one packaging for easy stocking
- · Non-handed
- · Universal use of PHT external fittings

For the installer

- · Straightforward fixing
- Easy adjustment to different door widths and heights

For the architect/specifier

- High-quality appearance with no visible fixings
- Connecting rods with metal covers
- External fitting with dormakaba lever handle or knob

For the user

- · Simple operation
- · Excellent quality ensures long lifespan

Data and features		Exit Pad ¹⁾	
		1-point	2-point
Standard doors (single-leaf/double-leaf)		•	•
Fire and smoke check doors (single-leaf/doul	ole-leaf) <mark>F</mark>	•	•
Glass doors		•	•
Door width	≤ 1300 mm	•	_
Door height	≤ 2270 mm	_	•
Max. door leaf weight (in kg)		200	200
Non-handed		•	•
Security anti-thrust latch	for standard doors	_	-
	for fire and smoke check doors	•	•
Unlocking via electric strike		0	0
External fittings PHT			
For standard doors and fire and smoke chec	k doors	•	•
For door leaf thicknesses up to 60 mm			
Extended handle spindle and bolts for door le	eaf thicknesses of 60 – 105 mm	0	0
Approved to EN 179		•	•
C€ mark for construction products		•	•

[●] Yes - No O Option

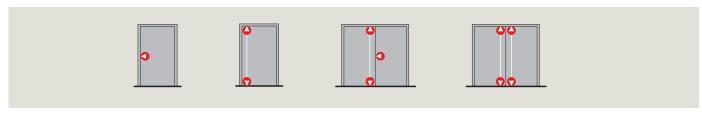




¹⁾ To achieve a three-point locking system, the Exit Pad can be used as a modular single-point locking device in combination with the PHX components from the PHA 2000/PHB 3000 series.

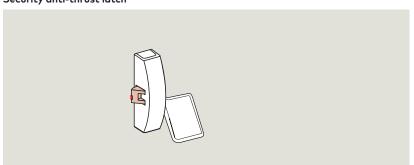
In conjunction with PHX 05 door height max. 3400 mm (Doors higher than 2500 mm lie outside the scope of EN 179).





Single-point locking Two-point locking + PHT

Security anti-thrust latch



The security anti-thrust latch prevents the latch from being pushed back by unauthorised means when it is in the closed position.

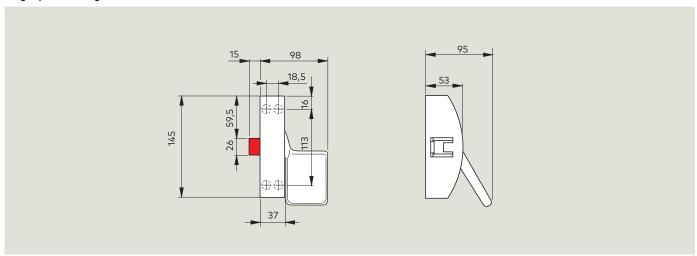






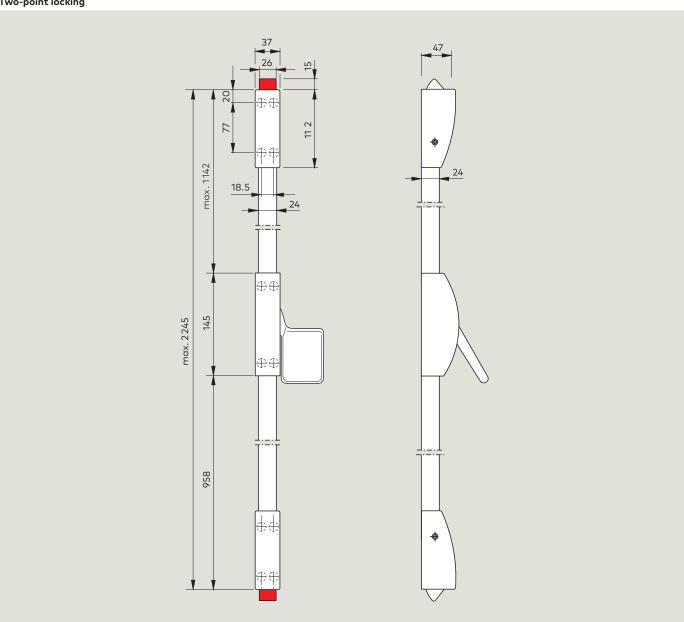
Exit Pad

Single-point locking



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Two-point locking

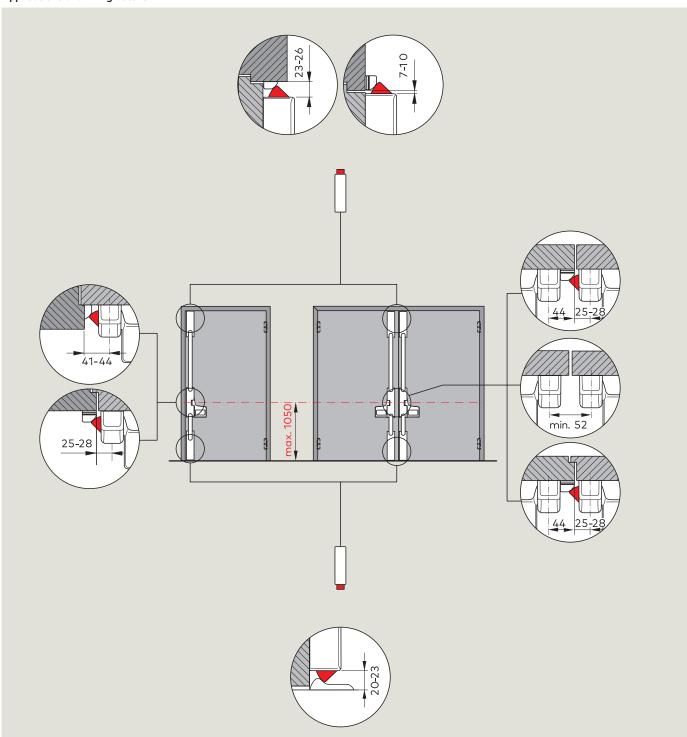


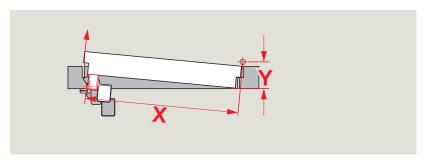






Applications and fixing details





Note

It may be the case that the exit device cannot be installed based on standard measurements where the door situation is extreme, e.g. with a door width X < 1000 mm combined with a hinge offset Y > 90 mm.

dormakaba will be glad to provide you with installation suggestions on request.







Exit Pad

Specification text Order No.

Exit Pad

Emergency exit device tested and approved to EN 179, non-handed. Can be unlocked electrically via electric strike.

All products of the Exit Pad series carry the $\mathbf{C}\mathbf{C}$ mark of conformity.

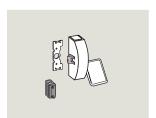


Exit Pad

Single-point locking, modular, for all standard doors, without security anti-thrust latch. Zinc die-cast latch, zinc latch keeper, with spacer plates, plastic mounting bracket.

silver finish

35014 21111001



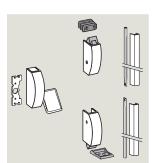
Exit Pad F 🛭

Single-point locking, modular, for fire and smoke check doors, with security anti-thrust latch.

Steel latch, steel latch keeper with spacer plates,

plastic mounting bracket.

silver finish	35014 21121001
white	35014 21121010
stainless steel finish	35014 21121004

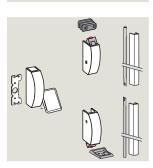


Exit Pad 2P

Two-point locking for standard doors, door heights up to 2270 mm, without security anti-thrust latch.

Zinc die-cast latch, zinc latch keeper with spacer plates, plastic mounting bracket.

□ silver finish 35014 22111001



Exit Pad F 2P 🖪

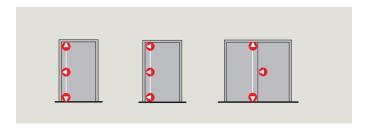
Two-point locking, for fire and smoke check doors, door heights up to 2270 mm, with security anti-thrust latch. Steel latch, steel latch keeper with spacer plates, plastic mounting backplate.

silver finish
white
stainless steel finish

35014 22121001 35014 22121010 35014 22121004

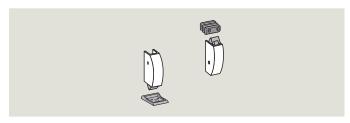




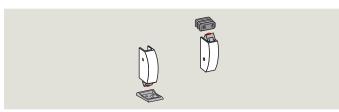


Note

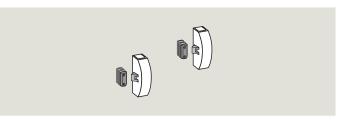
To achieve three-point locking, the modular single-point locking Exit Pad can be used in conjunction with the components of the PHA 2000/ PHB 3000 series.



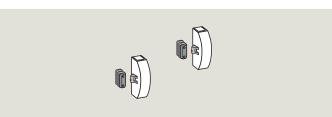
PHX 02



PHX 03



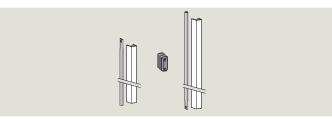
PHX 06



PHX 07



PHX 04



PHX 05

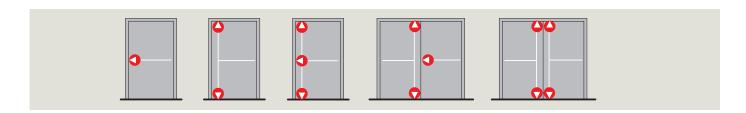


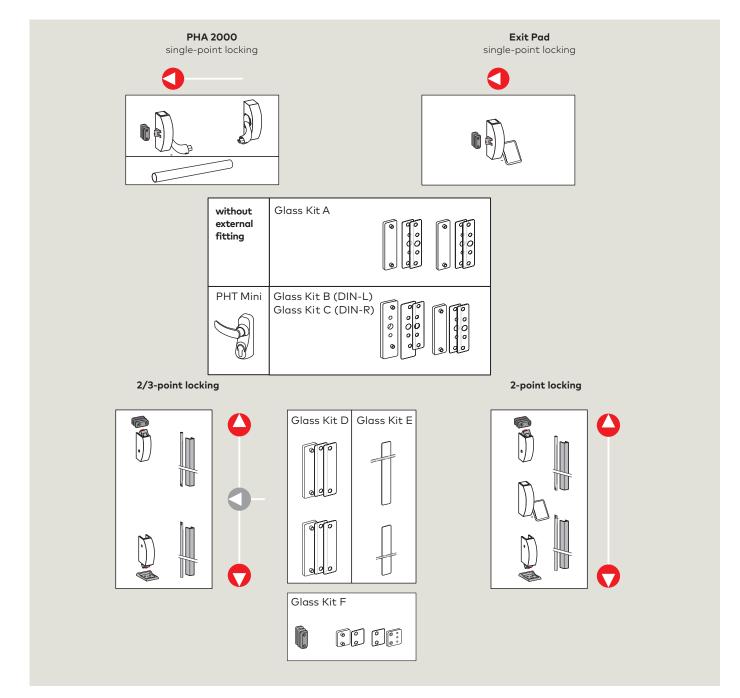




dormakaba's PHA 2000 and Exit Pad devices can be fitted to a wide range of toughened glass doors.

- For doors in all glass or framed assemblies.
- For single and double doors.
- Single or multi-point Locking.
- Suitable for combination with external glass door mini-fittings.
- For 8 to 10 mm toughened safety glass (single panel).
- Maximum leaf width: 1,300 mm.
- Maximum leaf height: 2,500 mm.
- Standard stainless steel design.



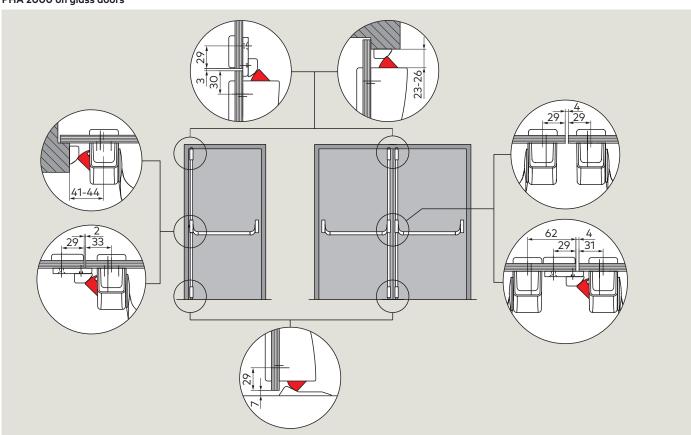




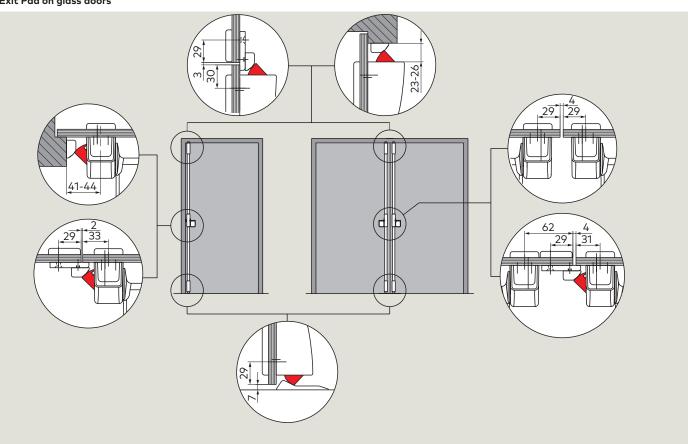




PHA 2000 on glass doors



Exit Pad on glass doors

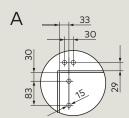


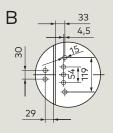


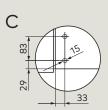


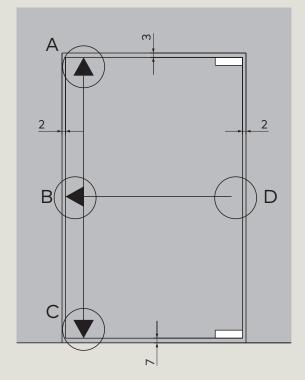


PHA 2000 / Exit Pad on single leaf all glass doors







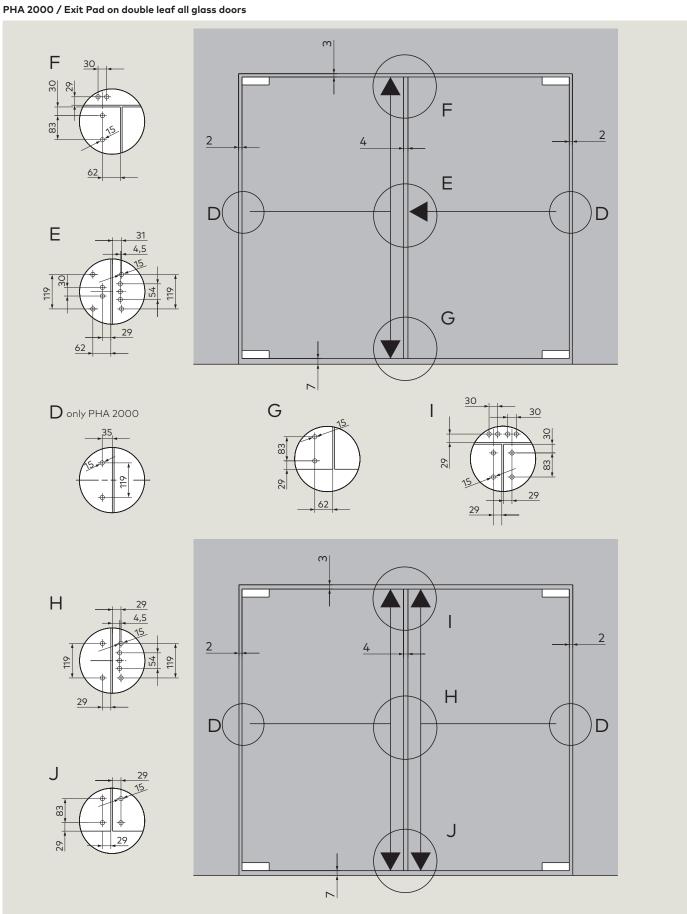








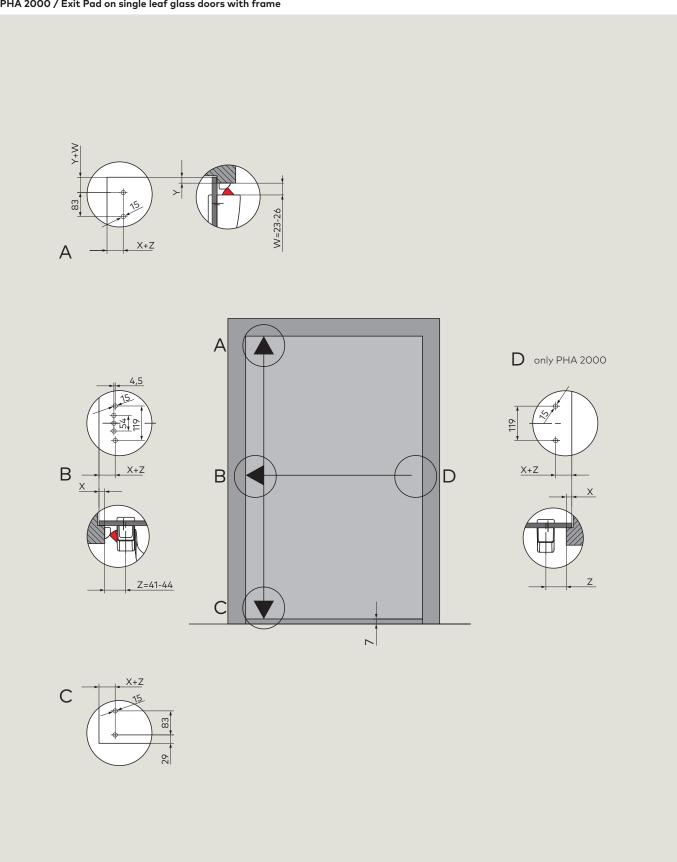








PHA 2000 / Exit Pad on single leaf glass doors with frame

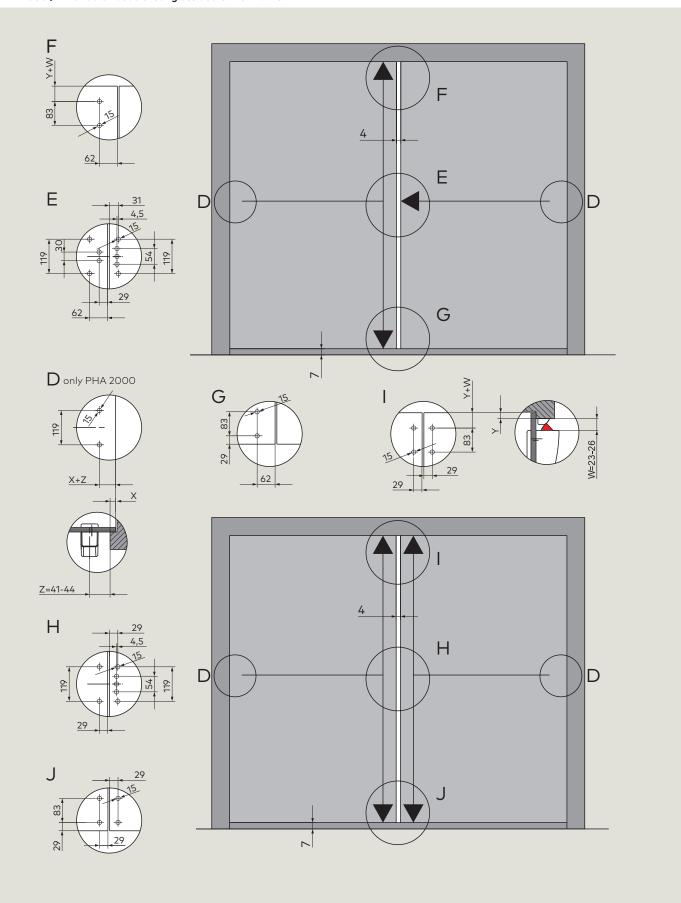








PHA 2000 / Exit Pad on double leaf glass doors with frame









	Specification text	Order No.
9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	PHA Glass Kit A Installation set for PHA 2000, Single-point locking, without external fitting. Stainless steel finish	35014 24011004
	PHA Glass Kit B Installation set for LH (ISO 6), for PHA 2000, Single-point locking, with external fitting. Stainless steel finish	35014 24021004
	PHA Glass Kit C Installation set for RH (ISO 5), for PHA 2000, Single-point locking, with external fitting. Stainless steel finish	35014 24031004
	PHA Glass Kit D Installation set for PHA 2000, Top and bottom locking, vertical. Stainless steel finish	35014 24041004
	PHA Glass Kit E Covering profiles for top and bottom connecting rod. Stainless steel finish	35014 24051004
	PHA Glass Kit F Mounting plate for steel latch keepers, for single and double-leaf doors. Stainless steel finish	35014 24061004
	PHA Glass Kit Mini External fitting	05044.04074004



PHA Glass Kit Mini
External fitting
Stainless steel finish

35014 24071004







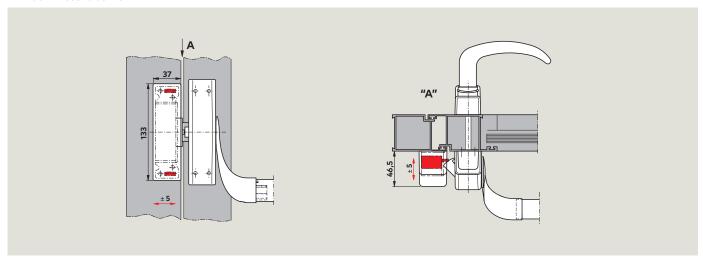
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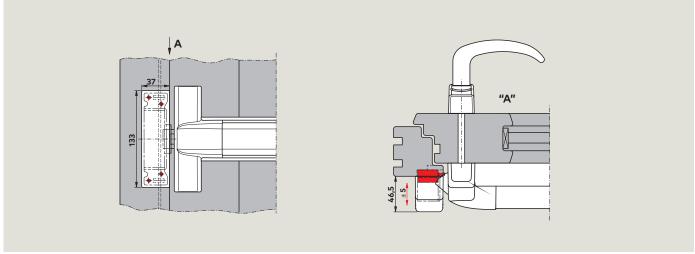


Accessories

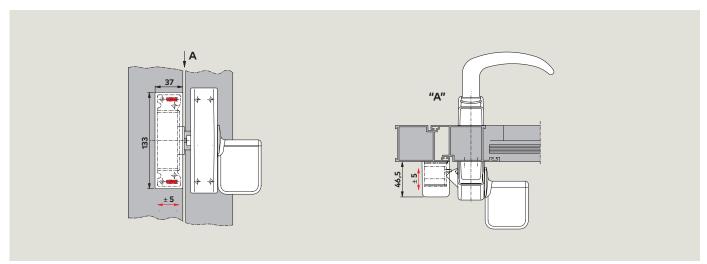
PHX 50 - Electric Strike



Application example for PHX 50 with PHA 2000 in the Contur design on an aluminium framed door



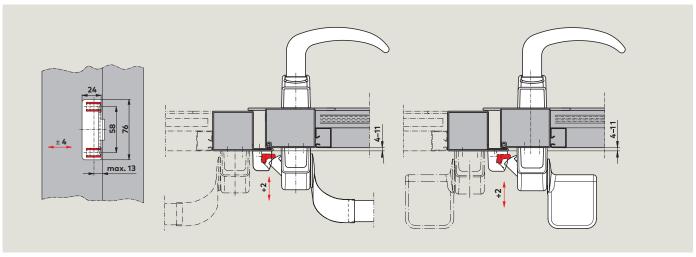
Application example for PHX 50 with PHB 3000 in the Contur design on a wooden door



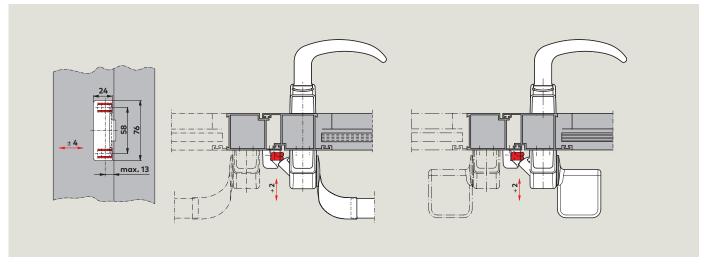
 $Application\ example\ for\ PHX\ 50\ with\ Exit\ Pad\ in\ the\ Contur\ design\ on\ an\ aluminium\ framed\ door$



PHX 21 – Adjustable Latch Keeper for Aluminium Narrow-Stile Doors

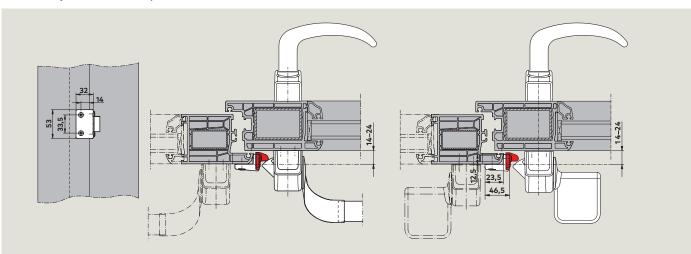


Application example of a PHX 21 on an over-rebated door, universal applicability for single-leaf and double-leaf doors



 $Application\ example\ of\ a\ PHX\ 21\ on\ a\ door\ with\ flush\ meeting\ stiles, universal\ applicability\ for\ single-leaf\ and\ double-leaf\ applicability\ for\ single-leaf\ applicability\ for\ single-leaf\ and\ double-leaf\ applicability\ for\ single-leaf\ and\ double-leaf\ applicability\ for\ single-leaf\ appli$

PHX 22 – Adjustable Latch Keeper for PVC Profile Doors



Application example of a PHX 22 on an over-rebated door, universal applicability for single-leaf and double-leaf doors







Accessories

	Specification text	Order No.
	PHX 50 Electric Strike In combination with PHA/PHB for use on standard doors with a rebate overlap of up to 24 mm. Zinc die-cast latch engaging device. 12 V AC, 50 Hz, 15 W silver finish black white stainless steel finish	35014 24501001 35014 24501002 35014 24501010 35014 24501004
CIRE ARI	PHX 21 Adjustable Keeper For standard aluminium narrow-stile doors, single- and double-leaf, flush or over-rebated (0–11 mm) Zinc die-cast latch (in packs of 5) silver finish black white stainless steel finish	35014 24210101 35014 24210102 35014 24210110 35014 24210104
	PHX 22 Adjustable Keeper For standard PVC profile doors, single and double leaf, over-rebated (14–24 mm) Zinc die-cast latch (in packs of 5) silver finish black white stainless steel finish	35014 24220101 35014 24220102 35014 24220110 35014 24220104
	PHA Microswitch For actuation of visual or audible signals. Contact rating: max. 48 V DC, max. 3 A	35014 25200060
	PHB Microswitch For actuation of visual or audible signals. Contact rating: max. 48 V DC, max. 3 A	35014 35201061







Order No. Specification text



PHX Mounting Backplate
Steel, galvanised (in packs of 10)
for factory pre-installation to simplify field installation

35014 25200050



PHX Mounting Backplate

Steel, galvanised (in packs of 10) for factory pre-installation to simplify field installation

35014 25200051





15/01/2018 14:31



PHT External fitting

Specification text Order No.

PHT

External fitting with lever handle or knob, suitable for use with PHA 2000 and PHB 3000.

All PHT external fittings and non-handed and carry the $\mathbf{C}\mathbf{\epsilon}$ mark.



External fitting with lever handle,

for standard doors with a leaf thickness of up to 60 mm, prepared for installation of a Europrofile single cylinder.

With lever handle spindle and two cylinder fixing bolts.

silver finish black white



PHT 03

External fitting with lever handle, for standard doors with a leaf thickness up to 60 mm, non-lockable.

With lever handle spindle.

silver finish black white

35014 39031001 35014 39031002 35014 39031010

35014 39051001

35014 39051002

35014 39051010

35014 39051004

35014 39061001 35014 39061002

35014 39061010

35014 39011001

35014 39011002

35014 39011010



External fitting with lever handle for fire and smoke check doors with a leaf thickness up to 60 mm.

With integrated ring gasket.

Prepared for installation of a Europrofile single cylinder.

With lever handle spindle and two cylinder fixing bolts.

silver finish black white stainless steel finish



External fitting with knob, non turnable, for standard doors with a door thickness up to 60 mm,

prepared for the installation of a Europrofile single cylinder.

With lever handle spindle and two cylinder fixing bolts. silver finish black



External fitting, suitable for combination with lever handles or knobs for fire and smoke check doors.

With lever handle spindle and two cylinder fixing bolts.

silver finish
black
white
stainless steel finish

white

35014 39071001 35014 39071002

35014 39071004

35014 39071010



053502 1612 PHA-PHB Exit Pad Contur.indd 34 15/01/2018 14:31



Specification text Order No.



PHT S 05 Extended Spindle

8 mm square, incl. fixing screws for door leaf thicknesses of 60 – 105 mm.

35014 39200050



■ Gasket Set

For external fitting and PHA / PHB exit devices fixed to fire and smoke check doors.

35014 39200060

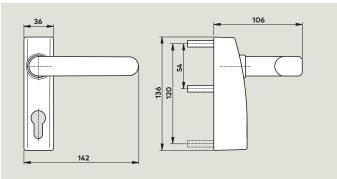


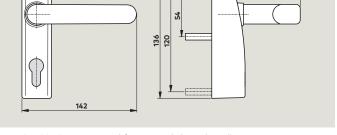
TL-Z 03

Single Europrofile cylinder with 3 keys, for PHT 01, 05, 06, 07

35014 56510300

PHT - External Fitting

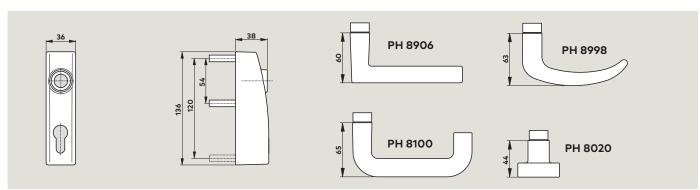




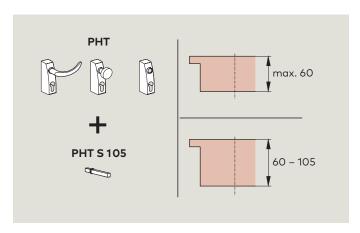
136

PHT 01, 03, 05 – External fitting with lever handle

PHT 06 – External fitting with knob



PHT 07 – External fitting, modular



When using the PHT external fitting in conjunction with the PHA/PHB $\,$ panic hardware series or Exit Pad on fire and smoke check doors, it must be ensured that the appropriate set of gaskets is used.

The panic hardware products of the DORMA PHT series carry the **C€** mark of conformity.





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