

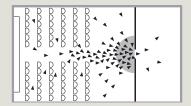
# PHA 2000 PHB 3000 Exit Pad

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**



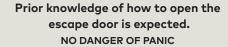
# **PHB 3000**

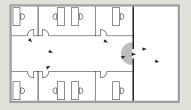


# F Approval certification

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 C€ mark of conformity.

# Advanced, high-spec fittings for emergency exit doors





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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# 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

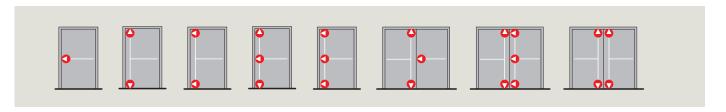
Data and features		PHA 2000		PHB 3000			
		1-point	2-point	3-point	1-point	2-point	3-point
Modular system							
Standard (non-expandable)		-		_		_	_
Standard doors (single-leaf/doub	ole-leaf)		-				-
Fire and smoke check doors (sing	lle-leaf/double-leaf) F						
Glass doors			-		_	_	_
Door width	≤ 1000 mm					,	
	≤ 1300 mm						
Door height	≤ 2270 mm	-			-		
	≤ 3400 mm <sup>1)</sup>	_			_		
Max. door leaf weight in kg		200	200	200	200	200	200
Non-handed design							
Dogging device <sup>2)</sup>							
Security anti-thrust latch	for standard doors	_	-	-	-	-	-
	for fire and smoke check doors						
Unlocking via electric strike							
Monitoring switch on actuating b	oar						
PHT external fittings For standard doors and fire and s For door leaf thicknesses up to 60							
Extended handle spindle and bol thicknesses of 60 – 105 mm	lts for door leaf						
Approved to EN 1125							
<b>C€</b> mark for construction product	rs .	•					
yes – no Option		•				•	

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

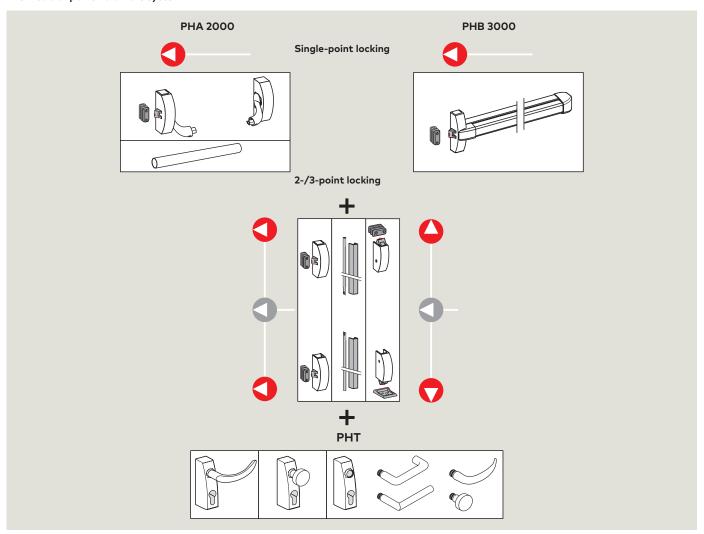
# F Approval certification

The panic hardware products marked with an are 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.

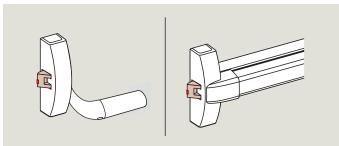
<sup>&</sup>lt;sup>2)</sup> Not for Fire and smoke check doors.



# The modular panic hardware system

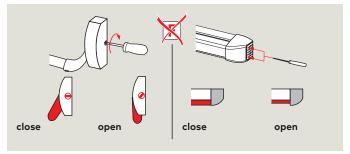


# Security anti-thrust latch



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

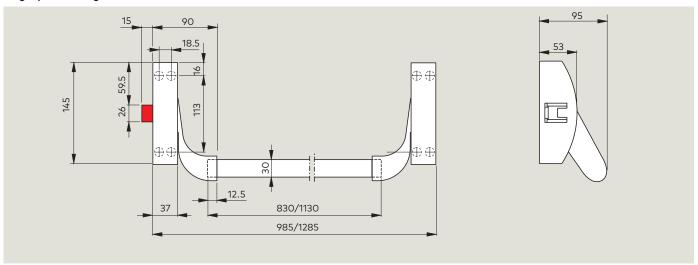
# Dogging device



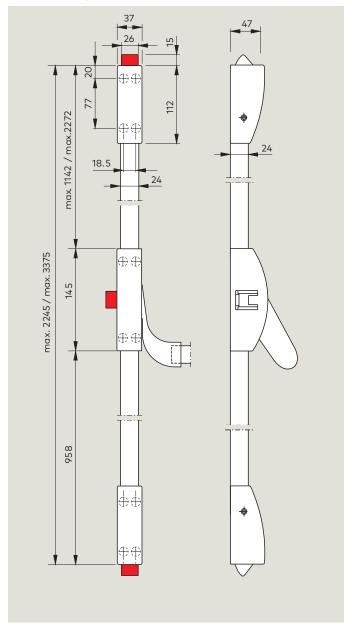
The dogging device serves to hold the latch in its retracted position so the door is freely accessible.

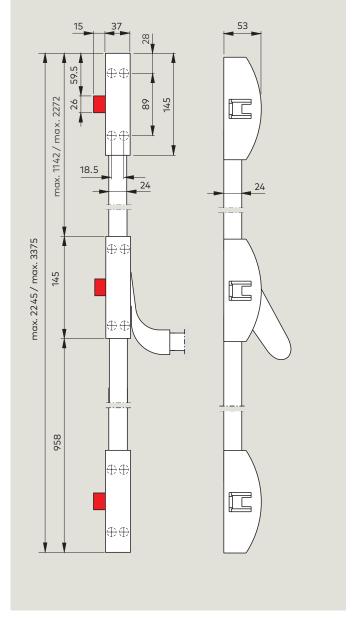
# **PHA 2000**

# Single-point locking

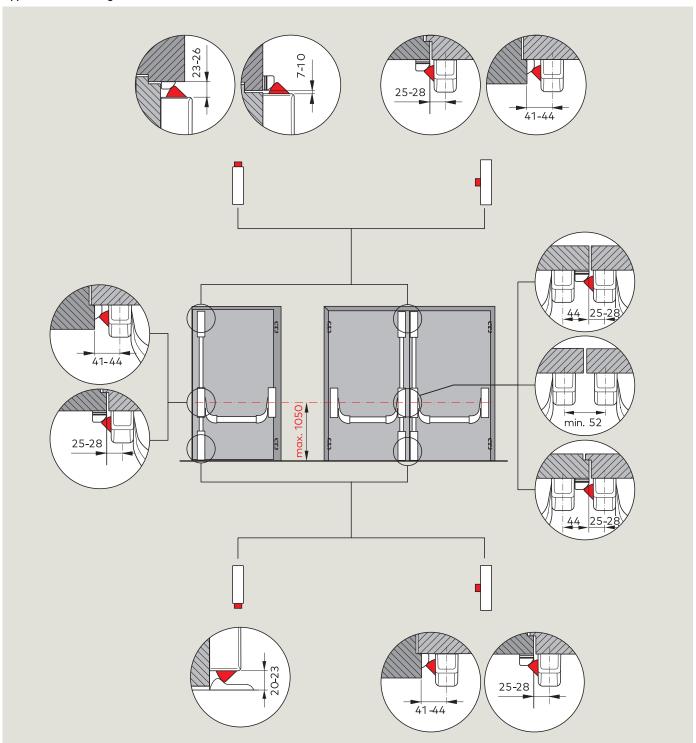


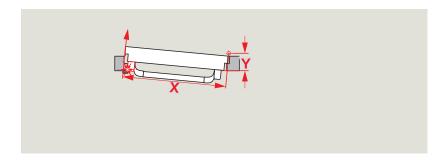
# 2/3-point locking





# Applications and fixing details





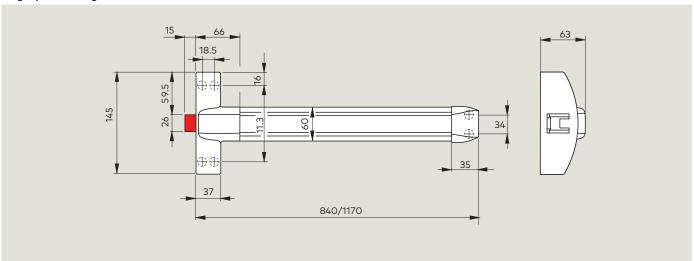
# Note

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.

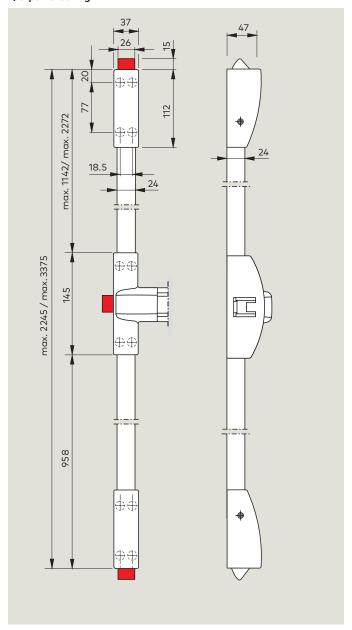
dormakaba will be glad to provide you with installation suggestions on request.

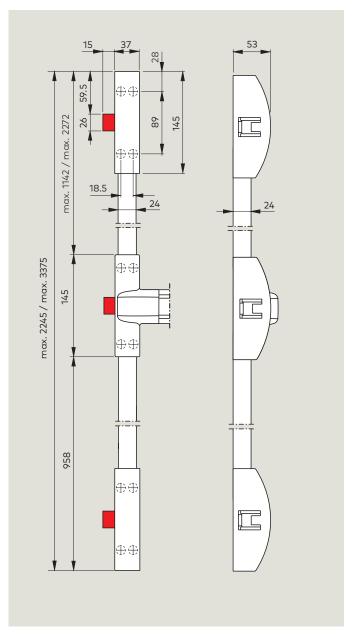
# **PHB 3000**

# Single-point locking

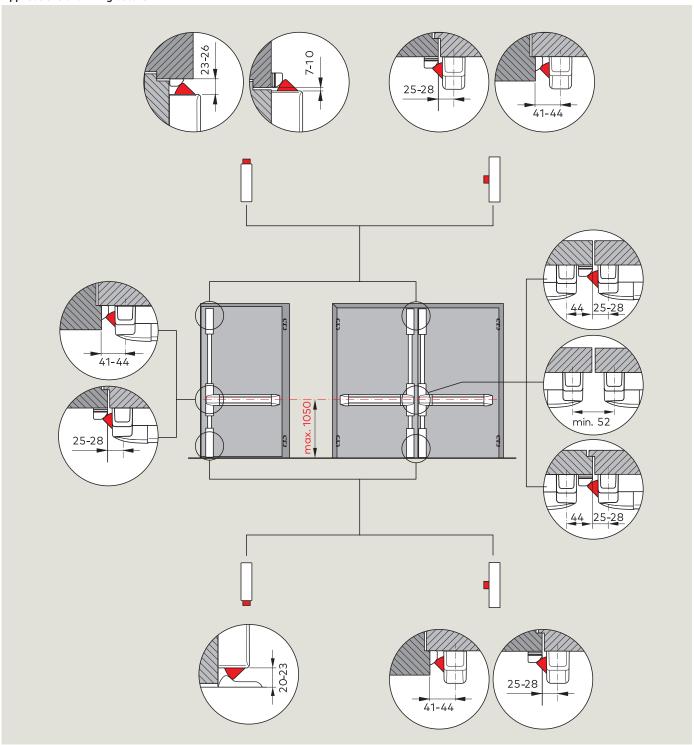


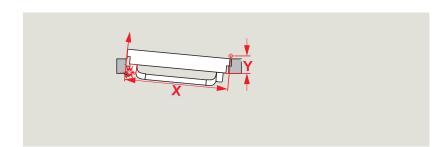
# 2/3-point locking





# Applications and fixing details





# Note

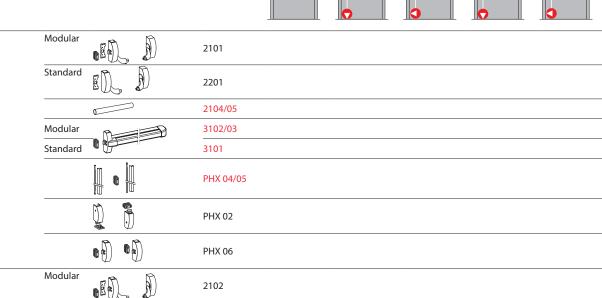
It may be the case that the exit device cannot be installed based on standard measurements where the door situation is extreme, e.g. with a door width X < 1000 mm combined with a hinge offset Y > 90 mm.

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

# PHA 2000 / PHB 3000

# Components on single-leaf doors

Standard doors



F

Fire and smoke

check doors

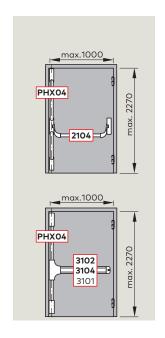
2102
Standard
2201
2104/05

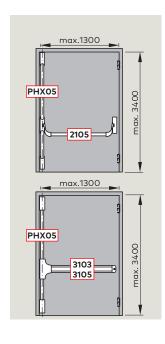
Modular
3104/05

PHX 04/05

PHX 07

yes Option For external fittings, see page 34



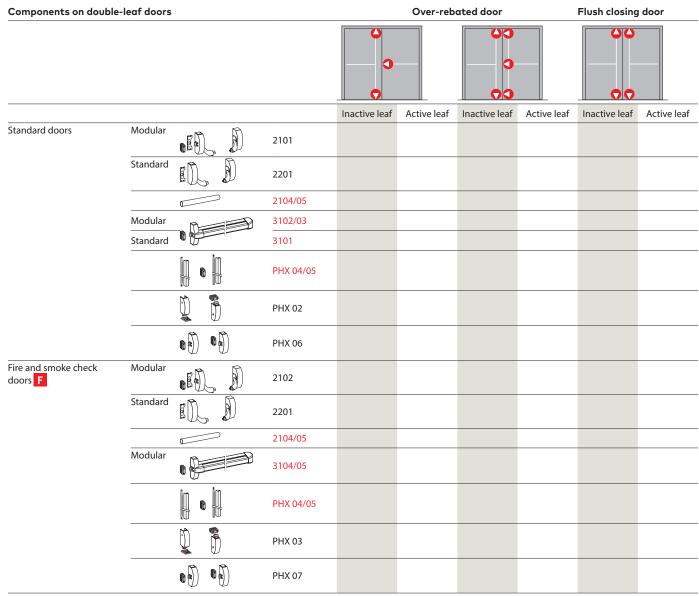


# F Approval certification

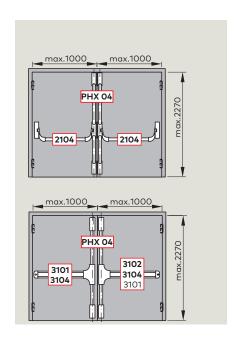
The panic hardware products of the series PHA 2000/PHB 3000 in the Contur design marked with the symbol have been approved for use on fire and smoke check doors.

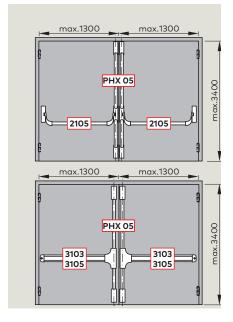
In some countries, approval certification of the fire and smoke check doors to be used is additionally required.

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



yes 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.

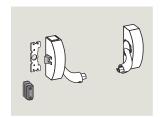
Doors higher than 2500 mm lie outside the scope of EN 1125.

# **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  $\mathbf{C}\mathbf{E}$  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.

silver finish	35014 21011001
black	35014 21011002
white	35014 21011010

35014 21021001

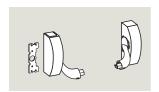
35014 21021002 35014 21021010

35014 21021004



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.





# PHA 2201

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

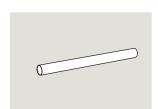
silver finish	35014 22011001
black	35014 22011002
white	35014 22011010



# PHA 2104

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

silver finish	35014 21040001
red	35014 21040002
black	35014 21040019
white	35014 21040010



# PHA 2105

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

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

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

# **PHB 3000**

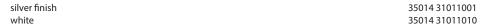
# Specification text Order No.

# **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 €€ 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, 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	35014 31031001
white	35014 31031010

# PHB 3104 🖪

Single-point locking, modular,

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.

cilvar finich

Silver IIIISII	33014 31041001
white	35014 31041010
stainless steel finish	35014 31041004

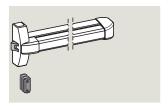
# PHB 3105 🖪

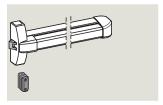
Single-point locking, modular,

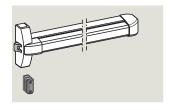
for fire and smoke check doors with a door width up to 1300 mm, with security anti-thrust latch and dogging device.

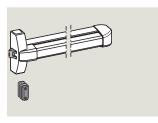
Steel latch, steel latch keeper with spacer plates.

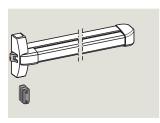
silver finish	35014 31051001
white	35014 31051010
stainless steel finish	35014 31051004





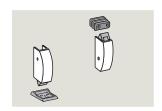






# PHA 2000 / PHB 3000

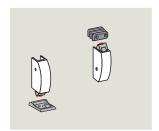
Specification text Order No.



### 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 keeper.

silver finish	35014 22021001
black	35014 22021002
white	35014 22021010



# PHX 03 🛭

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 keeper.

silver finish	35014 22031001
black	35014 22031002
white	35014 22031010
stainless steel finish	35014 22031004

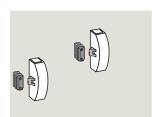


### PHX 06

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	35014 22061001
black	35014 22061002
white	35014 22061010

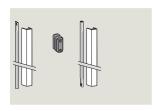


# DUY 07 🖪

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.

silver finish	35014 22071001
black	35014 22071002
white	35014 22071010
stainless steel finish	35014 22071004

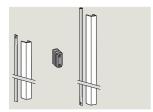
Specification text Order No.



## 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 22051002
white	35014 22051010
stainless steel finish	35014 22051004

# Exit Pad – Emergency exits protected in accordance with EN 179

The fittings of the Exit Pad series are high-quality 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 CE 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

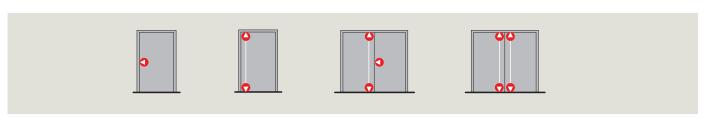
- Simple operation
- · Excellent quality ensures long lifespan

Data and features		Exit Pad¹)	
		1-point	2-point
Standard doors (single-leaf/double-leaf)			
Fire and smoke check doors (single-leaf/double-leaf)	F		
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			
External fittings PHT			
For standard doors and fire and smoke check doors For door leaf thicknesses up to 60 mm			
Extended handle spindle and bolts for door leaf thickness	esses of 60 – 105 mm		
Approved to EN 179			
<b>C€</b> mark for construction products			

Yes – No Option

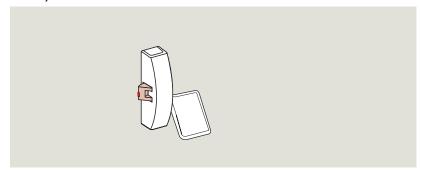
<sup>1)</sup> To achieve a three-point locking system, the Exit Pad can be used as a modular single-point locking device in combination with the PHX components from the PHA 2000/PHB 3000 series.

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

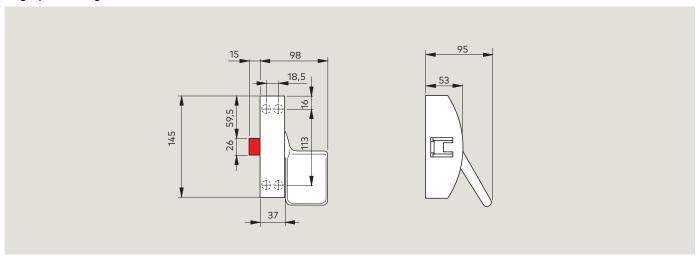
# Security anti-thrust latch



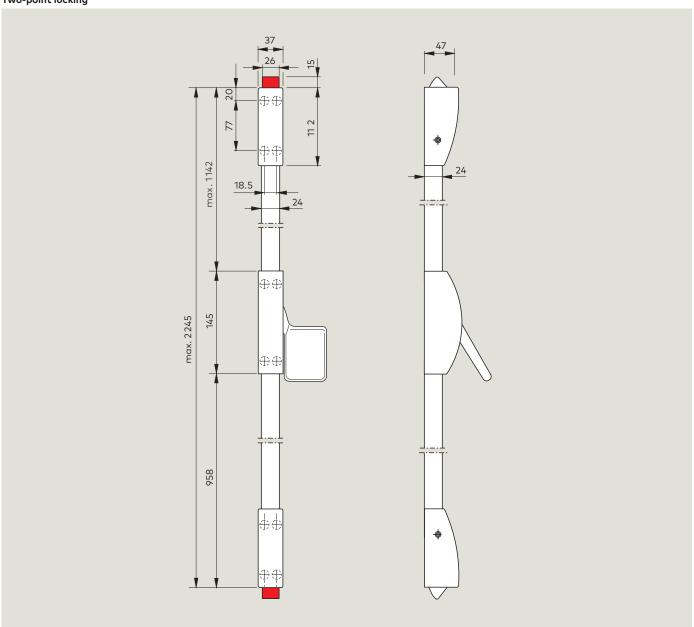
The security anti-thrust latch prevents the latch from being pushed back by unauthorised means when it is in the closed position.

# **Exit Pad**

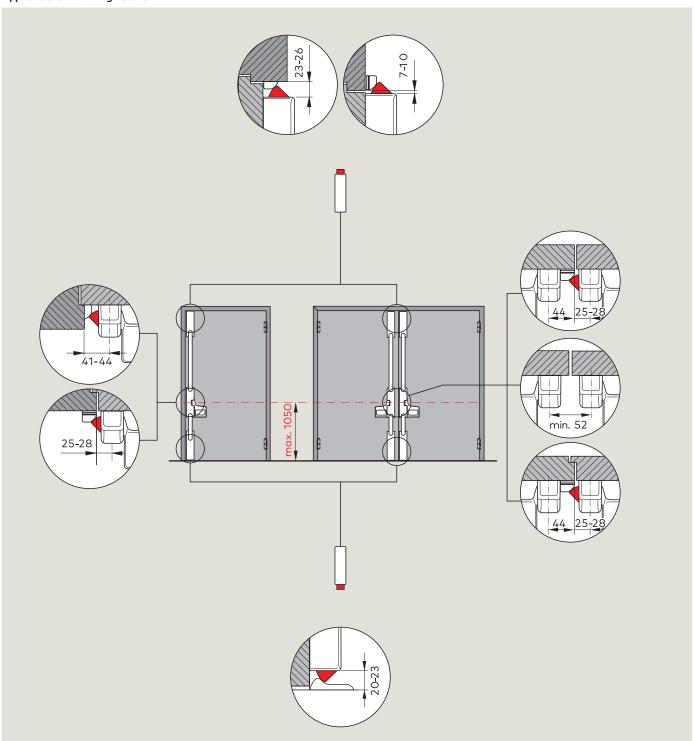
# Single-point locking

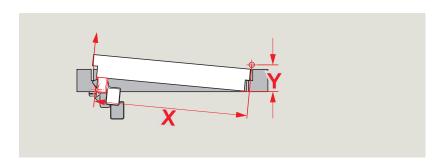


# Two-point locking



# 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 **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



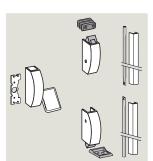
# Exit Pad F 🛭

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



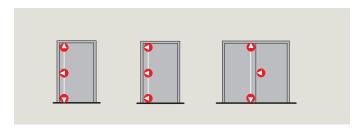
# Exit Pad F 2P 🖪

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
 35014 22121001

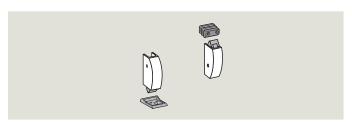
 white
 35014 22121010

 stainless steel finish
 35014 22121004

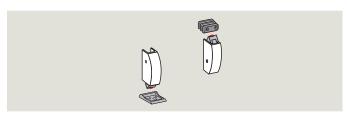


# Note

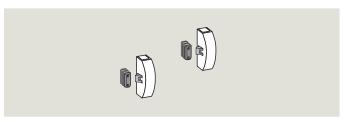
To achieve three-point locking, the modular single-point locking Exit Pad can be used in conjunction with the components of the PHA 2000/ PHB 3000 series.



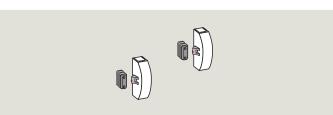
PHX 02



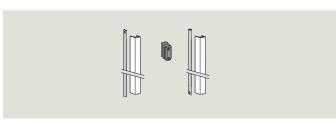
PHX 03



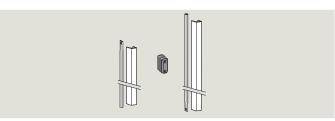
**PHX 06** 



PHX 07



**PHX 04** 

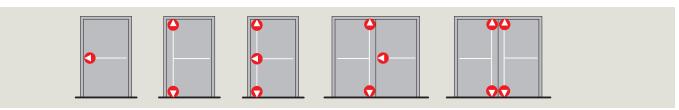


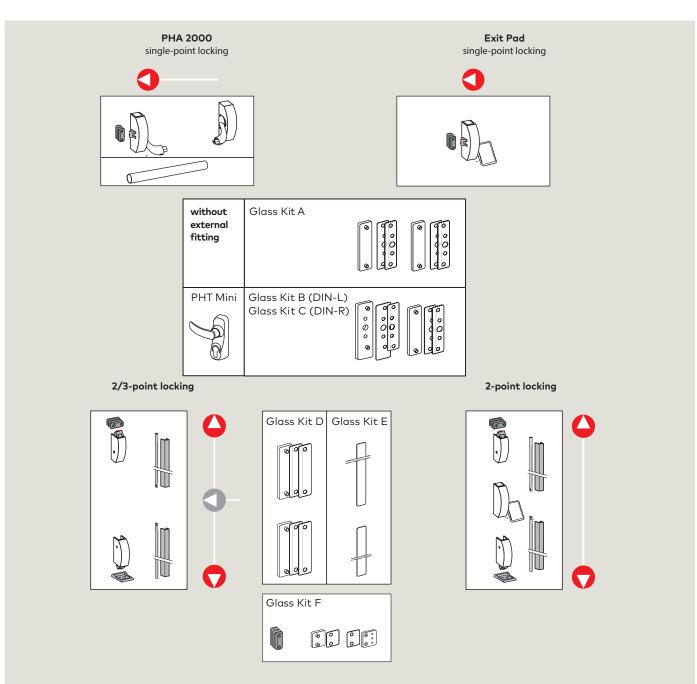
PHX 05

# Glass Kit

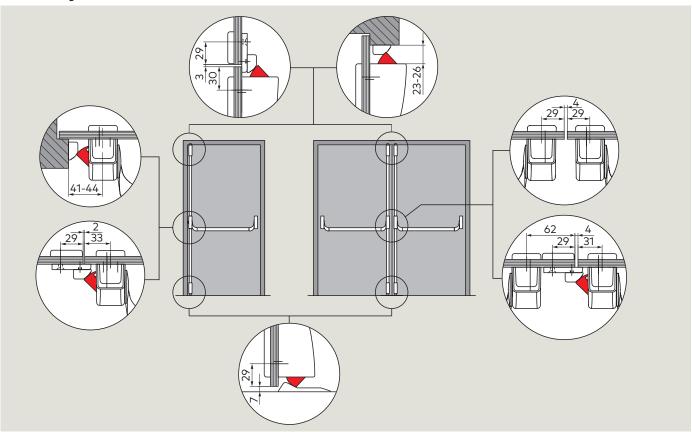
dormakaba's PHA 2000 and Exit Pad devices can be fitted to a wide range of toughened glass

- 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.

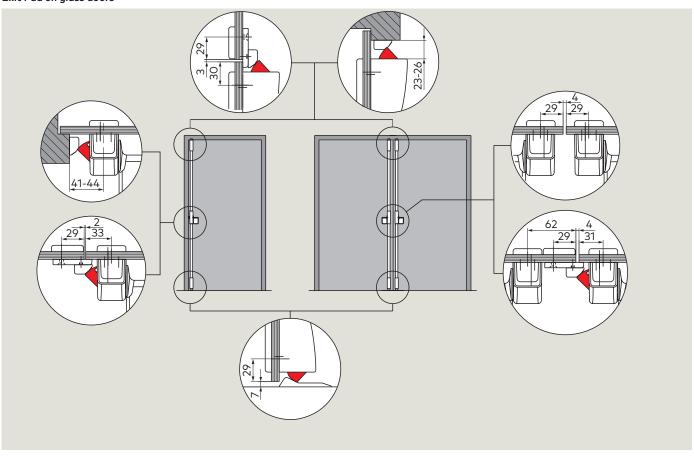




PHA 2000 on glass doors

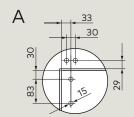


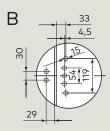
# Exit Pad on glass doors

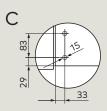


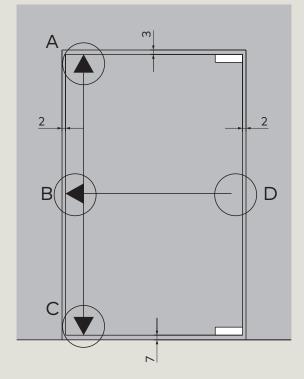
# Glass Kit

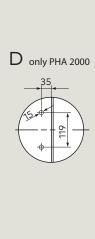
# PHA 2000 / Exit Pad on single leaf all glass doors



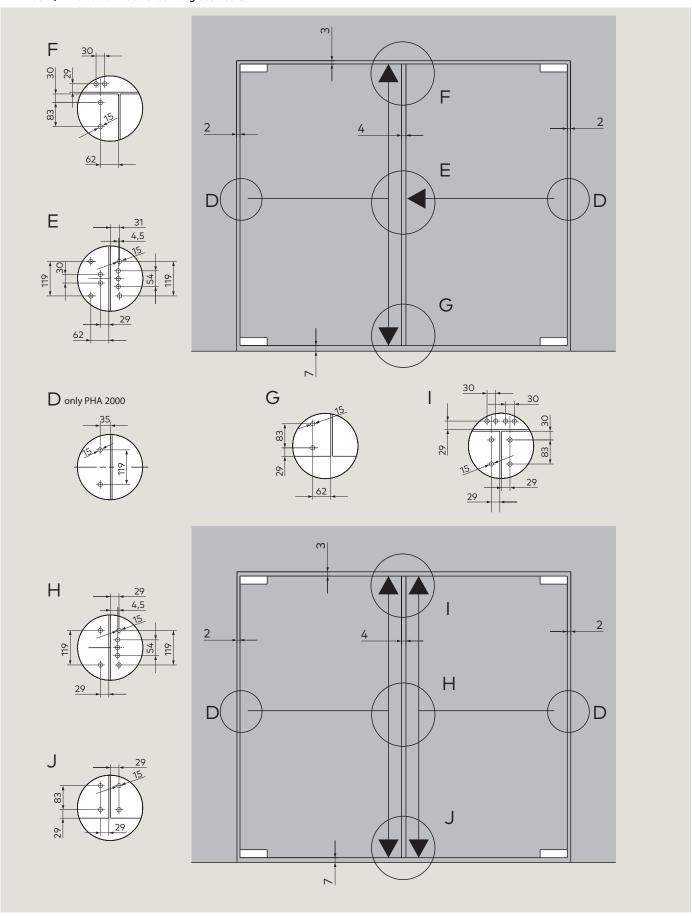






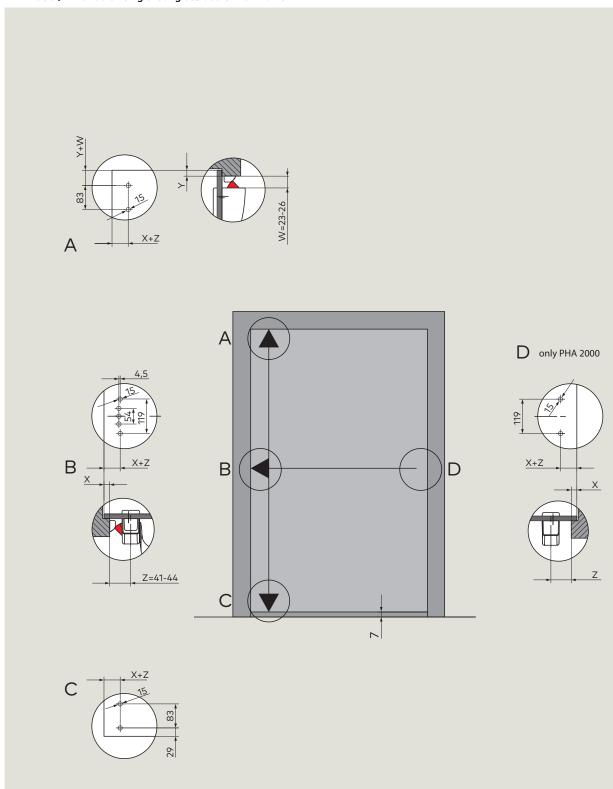


PHA 2000 / Exit Pad on double leaf all glass doors

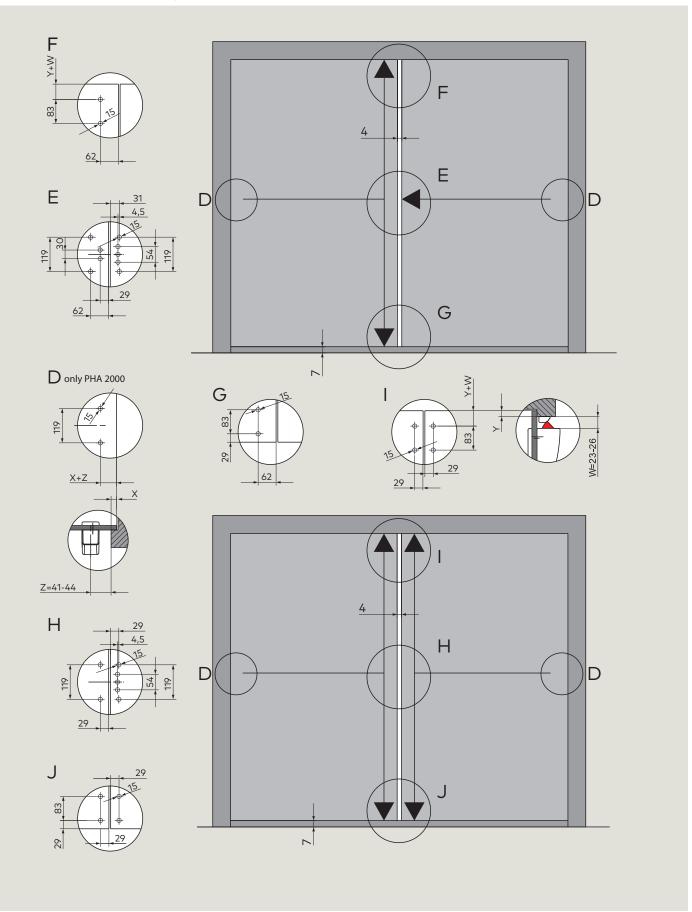


# Glass Kit

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



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

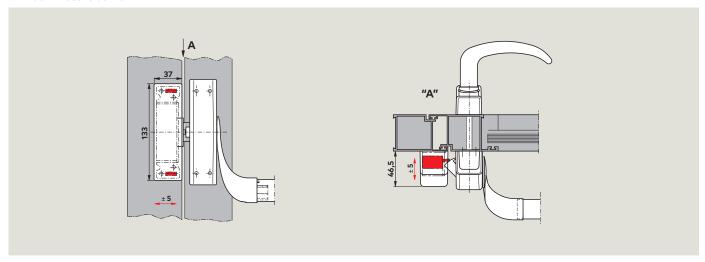


# Glass Kit

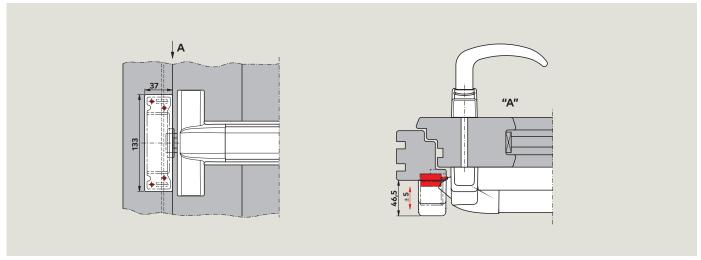
 Specification text	Order No.
PHA Glass Kit A Installation set for PHA 2000, Single-point locking, without external fitting. Stainless steel finish	35014 24011004
PHA Glass Kit B Installation set for LH (ISO 6), for PHA 2000, Single-point locking, with external fitting. Stainless steel finish	35014 24021004
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 Stainless steel finish	35014 24071004

# **Accessories**

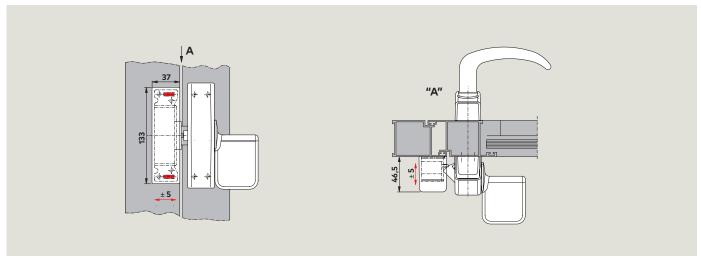
PHX 50 - Electric Strike



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

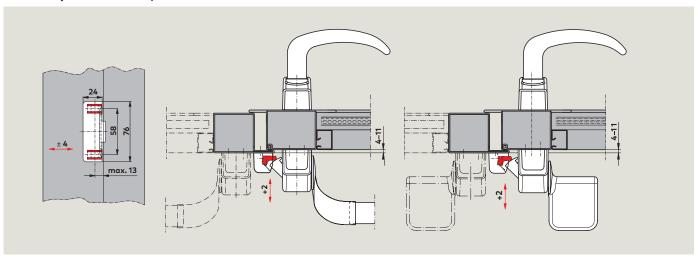


Application example for PHX 50 with PHB 3000 in the Contur design on a wooden door

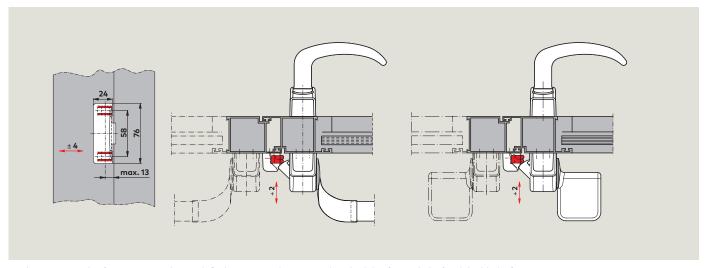


Application example for PHX 50 with Exit Pad in the Contur design on an aluminium framed door

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

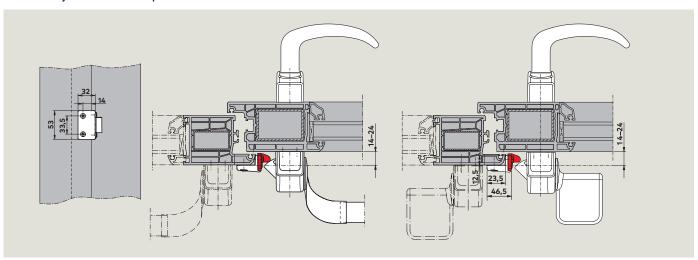


Application example of a PHX 21 on an over-rebated door, universal applicability for single-leaf and double-leaf doors



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

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

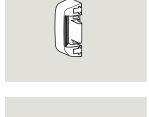
In combination with PHA/PHB for use on standard doors with a rebate overlap of up to 24 mm.

Zinc die-cast latch engaging device.

silver finish

12 V AC, 50 Hz, 15 W





# silver finish 35014 24210101 black 35014 24210102

35014 24501001

35014 24501002

35014 24501010

35014 24501004

 white
 35014 2421010

 stainless steel finish
 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)







# 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

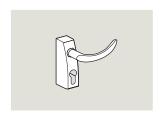
# PHX Mounting Backplate Steel, galvanised (in packs of 10) for factory pre-installation to simplify field installation PHX Mounting Backplate Steel, galvanised (in packs of 10) for factory pre-installation to simplify field installation 35014 25200051

# **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 €€ mark.



# PHT 01

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	35014 39011001
black	35014 39011002
white	35014 39011010



# **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 35014 39031001 white 35014 39031002 35014 39031010



# PHT 05 🛭

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.

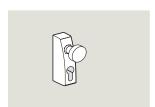
With lever handle spindle and two cylinder fixing bolts.

 silver finish
 35014 39051001

 black
 35014 39051002

 white
 35014 39051010

 stainless steel finish
 35014 39051004



# PHT 0

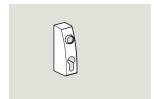
External fitting with knob, non turnable, for standard doors with a door thickness up to 60 mm,

prepared for the installation of a Europrofile single cylinder. With lever handle spindle and two cylinder fixing bolts.

 silver finish
 35014 39061001

 black
 35014 39061002

 white
 35014 39061010



# PHT 07 🛭

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	35014 39071001
black	35014 39071002
white	35014 39071010
stainless steel finish	35014 39071004

# 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

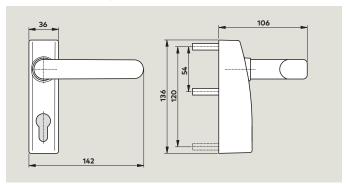


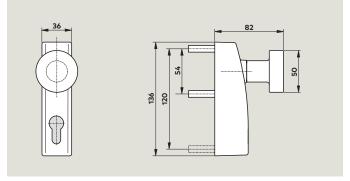
# **PXQA EURO SINGLE CYL 40 NI**

Single Europrofile cylinder with 2 keys, for PHT 01, 05, 06, 07

23010602

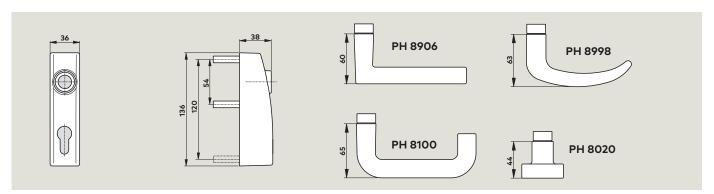
# PHT – External Fitting



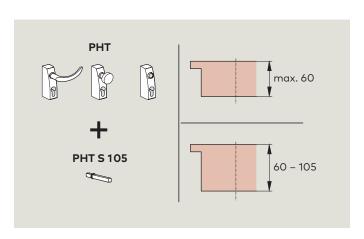


PHT 01, 03, 05 – External fitting with lever handle

PHT 06 – External fitting with knob



PHT 07 – External fitting, modular



F

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 dormakaba PHT series carry the CE mark of conformity.

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