



The modular DORMA Panic Hardware-system in Contur Design

Contur design

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





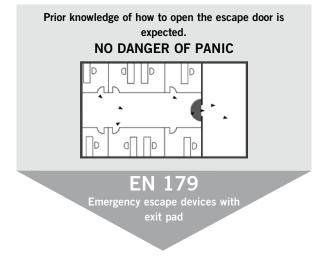
Approval certification

The Panic Hardware products of the series DORMA 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 **€€** mark of conformity.











Approval certification

The emergency exit devices of the DORMA 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 **€€** mark of conformity.

Advanced, high-spec fittings for emergency exit doors

With this system, DORMA 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. DORMA'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 DORMA Exit Pad provides the ideal answer. For both series, the same external DORMA PHT fittings are used.

Additional information on many products can be viewed and retrieved at **www.dorma. com** The abbreviated designations next to the computer symbol \square indicate the search terms.

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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, DORMA 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-handedUniversal 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 DORMA Premium 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	double-leaf)	•	•	•	•	•	•	
Fire and smoke check doors	(single-leaf/double-leaf) F	•	•	•	•	•	•	
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⁾		٠	•	•	•	•	•	
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 actuat	ing bar	0	0	0	0	0	0	
PHT external fittings For standard doors and fire For door leaf thicknesses up		•	•	•	•	•	•	
Extended handle spindle and bolts for door leaf thicknesses of $60 - 105$ mm		0	0	0	0	0	0	
Approved to EN 1125		٠	•	•	•	•	•	
CE mark for construction pr	oducts	٠	•	•	•	•	•	

• = Yes - = No $\circ = Option$

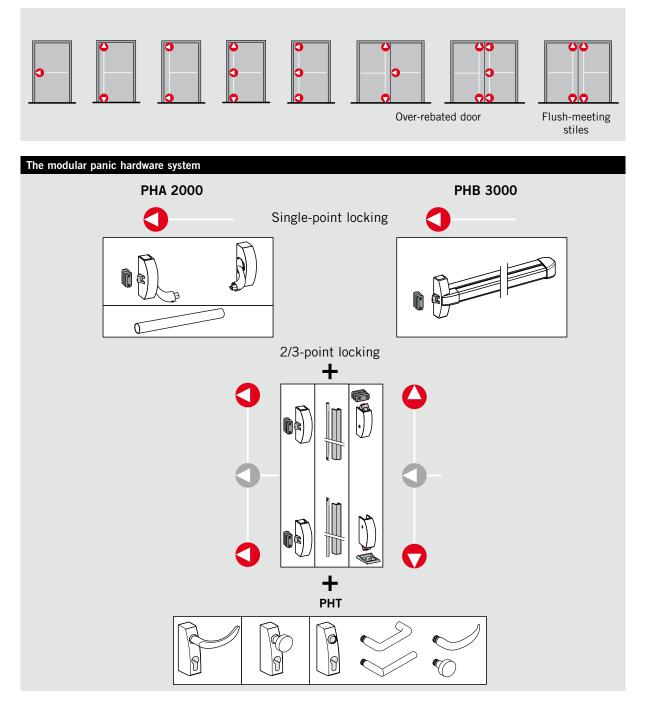
¹⁾ Doors higher than 2500 mm lie outside the scope of EN 1125. ²⁾ Not for Fire and smoke check doors.

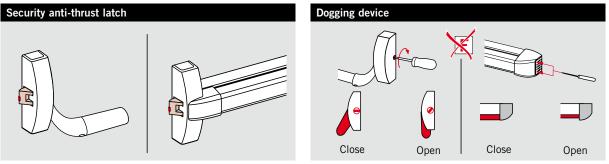
F Approval certification

The panic hardware products marked with an $\boxed{\mathbf{F}}$ are approved for use with fire and smoke check doors. Approval certification for the fire and smoke check

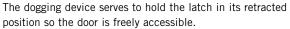
door in conjunction with the DORMA panic hardware product is additionally required in some countries – check local regulations.





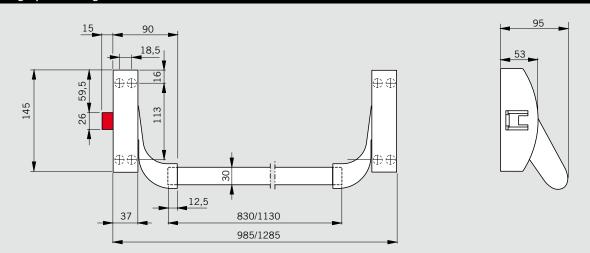


The security anti-thrust latch prevents the latch from being pushed back by unauthorised means when it is in the closed

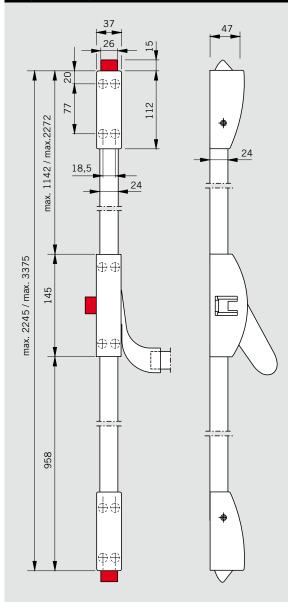


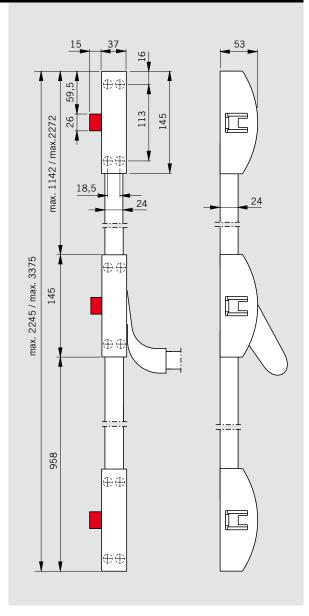
position.

Single-point locking

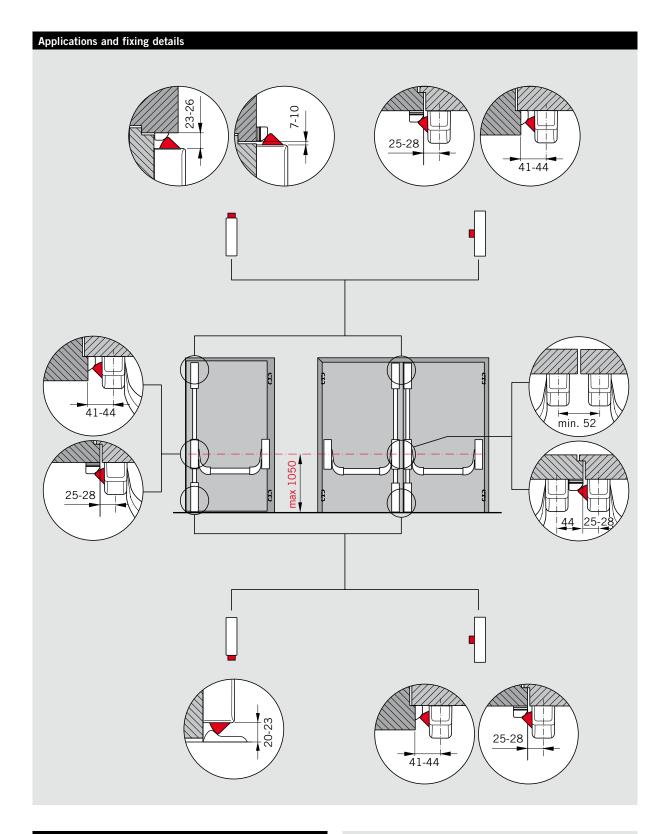


2/3-point locking



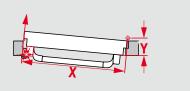




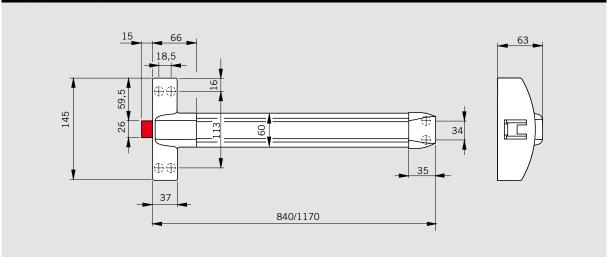


Note:

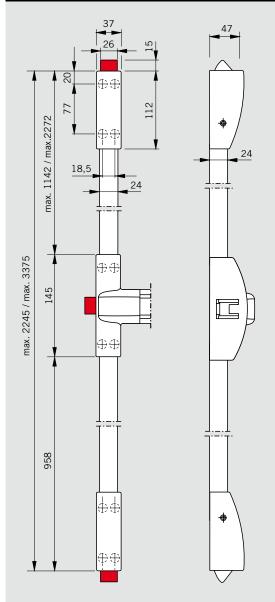
It may be the case that the exit device cannot be installed based on standard measurements where the door situation is extreme, e.g. with a door width X < 1000 mm combined with a hinge offset Y > 90 mm. DORMA will be glad to provide you with installation suggestions on request.

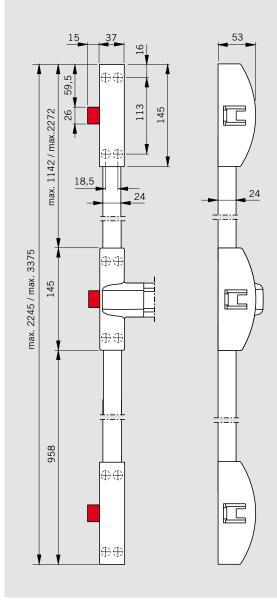


Single-point locking

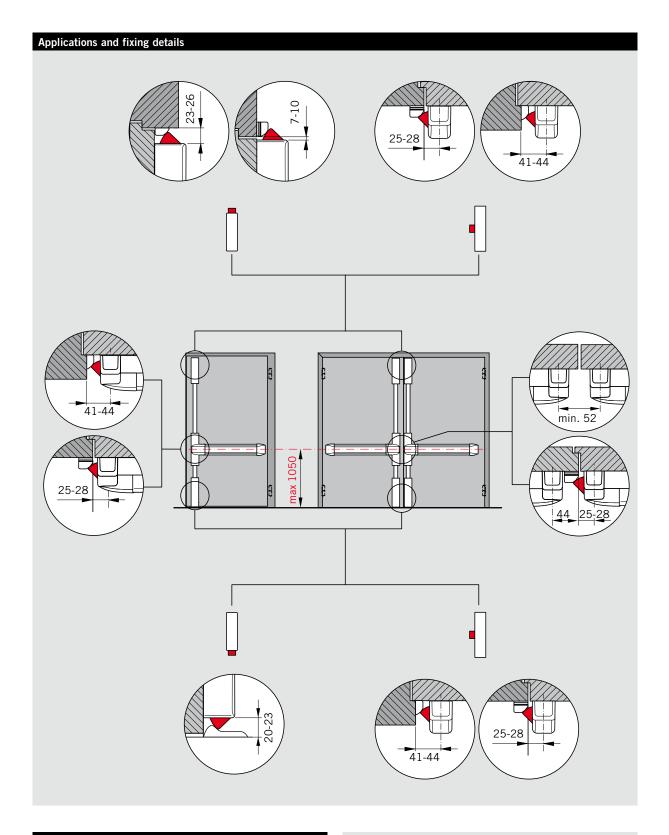


2/3-point locking



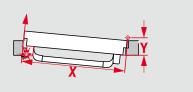






Note:

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



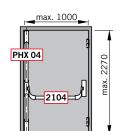
Components on sing	le-leaf door	S			0		0	3
					•	0	0	0
Standard doors	Modular		2101	•	•	•	•	•
	Standard		2201		0	0		
			2104 / 05	•	•	•	•	•
	Modular (3102 / 03	•	•	•	•	•
	Standard		3101	0				
			PHX 04 / 05		•	•	•	•
			PHX 02		•		•	
			PHX 06			•		•
Fire and smoke check doors	Modular		2102	•	•	•	•	•
F	Standard		2201		0	0		
			2104 / 05	•	•	•	•	•
	Modular (3104 / 05	•	•	•	•	•
			PHX 04 / 05		•	•	•	•
			PHX 03		•		•	
			PHX 07			•		•

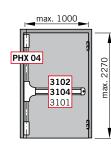
F Approval certification

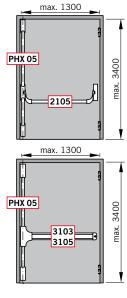
The DORMA panic hardware products of the series DORMA PHA 2000/PHB 3000 in the Contur design marked with the **F** symbol have been approved for use on fire and smoke check doors. In some countries, approval certification of the fire and smoke check doors to be used is additionally required.

C€

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

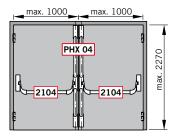


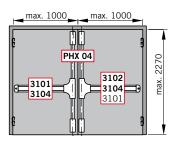


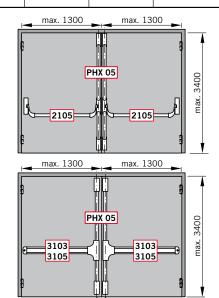




Componen	ts on double-le							
	Over-reb	ated door		Flush clo				
	0		0 0 0		0			
Inactive lea	f Active leaf	Inactive leaf	Active leaf	Inactive leaf	Active leaf			
•	•	•	•	•	•	2101		Modular
0		0		0	0	2201		Standar
•	•	•	•	•	•	2104 / 05		
•	•	•	•	•	•	3102/03		Modular
	0					3101		Standar
•		•	•	•	•	PHX 04 / 05		
•		•		•	•	PHX 02		
			•			PHX 06		
•	•	•	•	•	•	2102		Modula
0		0		0	0	2201		Standar
•	•	•	•	•	•	2104 / 05		
•	•	•	•	•	•	3104 / 05		Modula
•		•	•	•	•	PHX 04 / 05		
•		•		•	•	PHX 03	Ŭ Ĵ	
			•			PHX 07		







O = OptionalFor external fittings,see page 26

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.

Specification text

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 **CE** 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 □ black

□ white

PHA 2102 F

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.

□ silver finish

- □ black □ white
- □ stainless steel finish

PHA 2201

Two-point locking only, with dogging device.

- Plastic mounting backplate.
- □ silver finish
- □ black
- □ white

PHA 2104

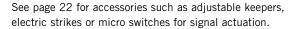
Connecting rod 830 mm (for door widths up to 1000 mm)

∐ silver finish	
□ red	
🗆 black	
□ white	

PHA 2105

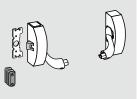
Connecting rod 1130 mm (for door widths up to 1300 mm)

□ silver finish ..21051001 □ red ..21051002 □ black ..21051019 □ white ..21051010 ..21051004 🖵 PHA 2105 □ stainless steel finish



Order No. 35014 ..

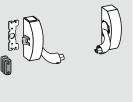
..21011001 ..21011002 ..21011010 💻 PHA 2101

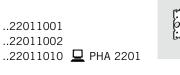


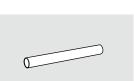
.21021001	
.21021002	
.21021010	
.21021004	D PHA 2102

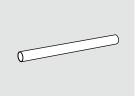
..21041001 ..21041002 ..21041019

..21041010 💻 PHA 2104











Specification text	Order No. 35014	
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 C 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. □ silver finish	31011001	
□ white	31011010 🖵 РНВ 3101	
РНВ 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 □ white	31021001 31021010 🖳 PHB 3102	Ű
РНВ 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.	31031001	f
□ white	31031010 💻 PHB 3103	νw.
PHB 3104 F		
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. □ silver finish	31041001	
□ white □ stainless steel finish	31041010 31041004 🖳 PHB 3104	₩ U
РНВ 3105 Г		
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.		
\Box silver finish	31051001	V

..31051010

..31051004 🖵 PHB 3105

C

- 🗆 silver finish
- □ white
- \Box stainless steel finish
- PH, GB

Specification text

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
- □ black
- □ white

PHX 03 F

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

- □ black
- □ white

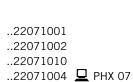
□ stainless steel finish

PHX 06

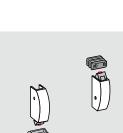
PHX 07 F

□ white

□ white □ stainless steel finish



..22061010 💻 PHX 06



Order No. 35014 ..

..22021010 🖵 PHX 02

..22021001

..22021002

..22031001

..22031002

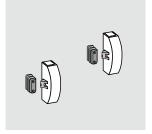
..22031010

..22061001

..22061002

..22031004 💻 PHX 03

|--|--|





Specification text	Order No. 35014	
PHX 04 F Connecting rod set with cover for door heights up to 2270 mm. Steel latch keeper with spacer plates for double doors. silver finish black white stainless steel finish	22041001 22041002 22041010 22041004	
	_	

PHX 05 F

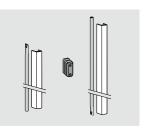
Connecting rod set with cover for door heights up to 3400 mm.

Steel latch keeper with spacer plates for double doors.

🗆 silver finish	
🗆 black	

- □ black
- □ stainless steel finish

22051001	
22051002	
22051010	
22051004	🖵 РНХ 05



Emergency exits protected in accordance with EN 179

The fittings of the DORMA 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 DORMA 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 **C** 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 DORMA Premium lever handle or knob.

For the user

- Simple operation
- Excellent quality ensures long lifespan

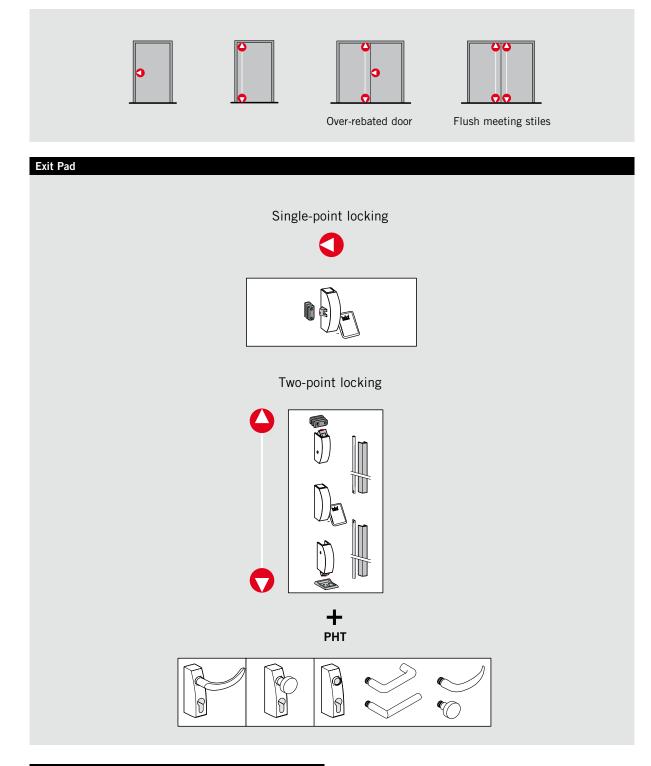
Data and features		Exit F	Pad ¹⁾
		1-point	2-point
Standard doors (single-leaf/double-leaf)		•	٠
Fire and smoke check doors (single-lea	af/double-leaf) F	•	•
Door width	≤ 1300 mm	•	_
Door height	≤ 2270 mm	_	٠
Max. door leaf weight (in kg)		200	200
Non-handed		•	•
Security anti-thrust latch	for standard doors	_	_
	for fire and smoke check doors	•	•
Unlocking via electric strike		0	0
External fittings PHT For standard doors and fire and smoke For door leaf thicknesses up to 60 mn		•	•
Extended handle spindle and bolts for thicknesses of 60 – 105 mm	door leaf	0	0
Approved to EN 179		•	•
CE mark for construction products		•	•
	•		

• = Yes - = No $\circ = Option$

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).

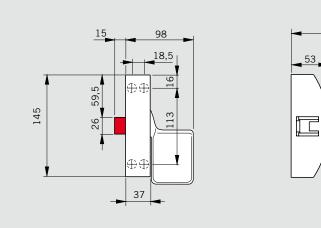




Security anti-thrust latch

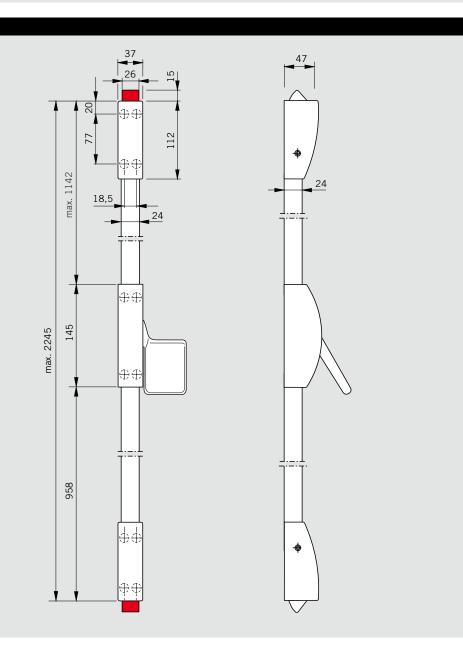


The security anti-thrust latch prevents the latch from being pushed back by unauthorised means when it is in the closed position. Single-point locking

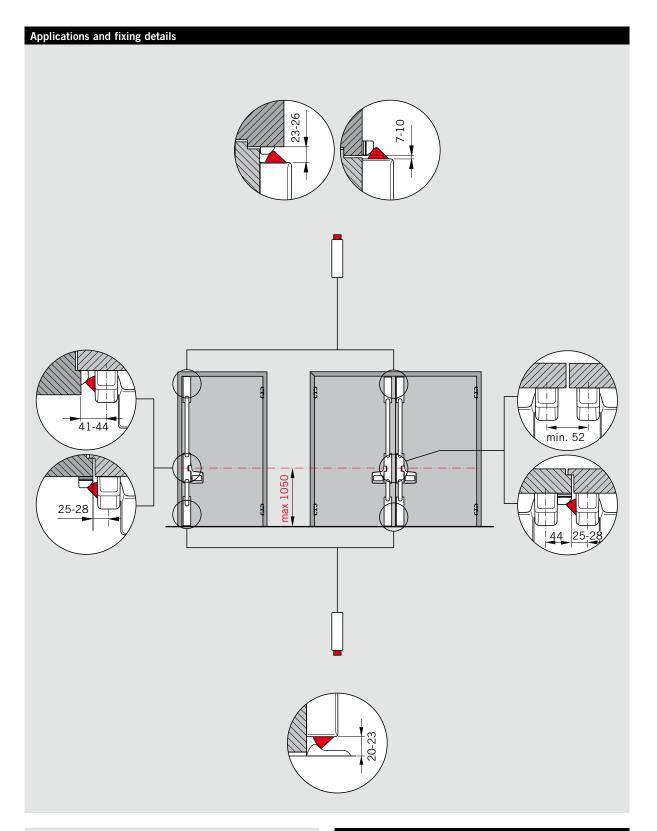


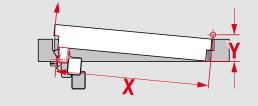
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Two-point locking





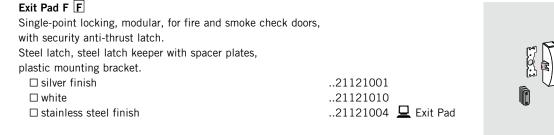




Note:

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. DORMA will be glad to provide you with installation suggestions on request. Exit Pad

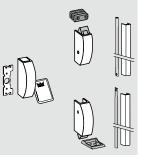
Specification text Order No. 35014 .. Exit Pad Emergency exit device tested and approved to EN 179, non-handed. Can be unlocked electrically via electric strike. All products of the Exit Pad series carry the CC mark of conformity. Exit Pad Single-point locking, modular, for all standard doors, without security anti-thrust latch. Zinc die-cast latch, zinc latch keeper, with spacer plates, plastic mounting bracket. ..21111001 🖵 Exit Pad □ silver finish



Exit Pad 2P

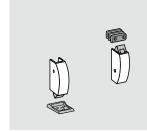
Two-point locking for standard doors, door heights up to 2270 mm, without security anti-thrust latch. Zinc die-cast latch, zinc latch keeper with spacer plates, plastic mounting bracket. □ silver finish

..22111001 🖵 Exit Pad

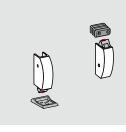


Exit Pad F 2P F Two-point locking, for fire and smoke check doors, door heights up to 2270 mm, with security anti-thrust latch. Steel latch, steel latch keeper with spacer plates, plastic mounting backplate. ..22121001 □ silver finish □ white ..22121010 ..22121004 💻 Exit Pad □ stainless steel finish

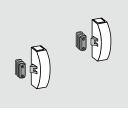




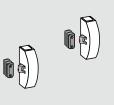
PHX 02



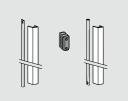
PHX 03



PHX 06

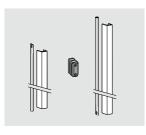


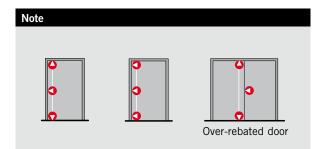
PHX 07



PHX 04

PHX 05





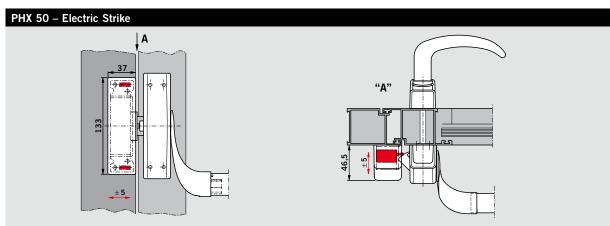
To achieve three-point locking, the modular single-point locking Exit Pad can be used in conjunction with the components of the PHA 2000/PHB 3000 series.

Accessories

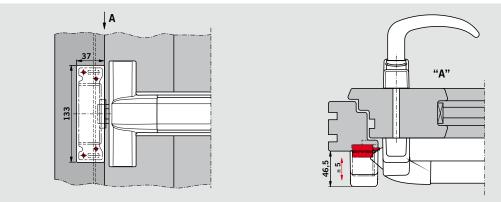
Specification text Order No. 35014 .. PHX 50 Electric Strike In combination with PHA/PHB for use on standard doors with a rebate overlap of up to 24 mm. Zinc die-cast latch engaging device. 12 V AC, 50 Hz, 15 W □ silver finish ..24501001 □ black ..24501002 □ white ..24501010 🖵 PHX □ stainless steel finish ..24501004 Accessories 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 ..24210101 □ black ..24210102 ..24210110 🖵 PHX □ white □ stainless steel finish ..24210104 Accessories 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 ..24220101 □ black ..24220102 □ white ..24220110 🖵 PHX □ stainless steel finish ..24220104 Accessories **PHA Microswitch** ..25200060 🖵 PHA For actuation of visual or audible signals. Contact rating: max. 48 V DC, max. 3 A Accessories **PHB** Microswitch For actuation of visual or audible signals. ..35201061 🖵 PHB Contact rating: max. 48 V DC, max. 3 A Accessories **PHX Mounting Backplate** Steel, galvanised (in packs of 10) ..25200050 🖵 PHX for factory pre-installation to simplify field installation Accessories **PHX Mounting Backplate** Steel, galvanised (in packs of 10) 0 0 0 0 ..25200051 🖵 PHX for factory pre-installation to simplify field installation Accessories



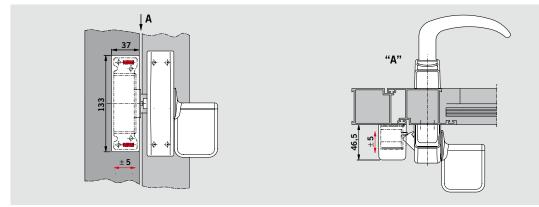
Specification text	Order No. 35014	
Accessories for glass doors		
PHA Glass Kit A Installation set for PHA 2000 Single-point, without external hardware	24011004 🖳 PHA	
PHA Glass Kit B Installation set for LH (ISO 6), for PHA 2000 Single-point, with external fitting	24021004 🖵 PHA	
PHA Glass Kit C Installation set for RH (ISO 5), for PHA 2000 Single-point, with external fitting	24031004 🖵 PHA	
PHA Glass Kit F Mounting backplate for steel latch keepers, for single and double-leaf doors	24061004 🖳 PHA	



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

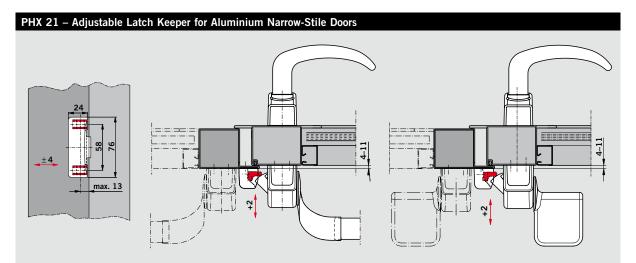


Application example for PHX 50 with PHB 3000 in the Contur design on an aluminium framed door

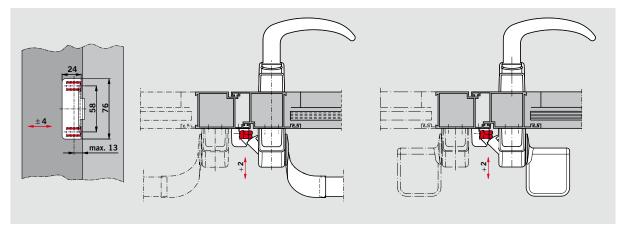


Application example for PHX 50 with Exit Pad in the Contur design on an aluminium framed door

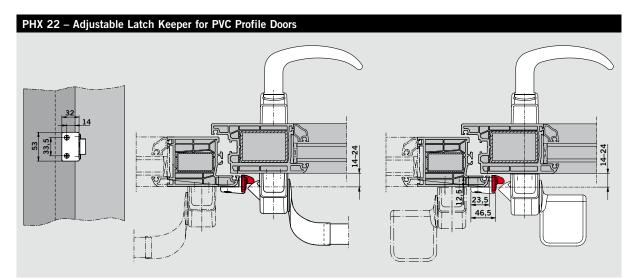




Application example of a PHX 21 on an over-rebated door, universal applicability for single-leaf and double-leaf doors



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



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

Specification text

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 $\zeta \in$ mark.

PHT 01

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

With lever handle spindle

- □ silver finish □ black
- □ white

PHT 05 F

External fitting with DORMA Premium 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	39051001
🗆 black	39051002
□ white	39051010
□ stainless steel finish	39051004 🖳 PHT

PHT 06

External fitting with knob, 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	39061001	
🗆 black	39061002	
□ white	39061010	D PHT 06

PHT 07 F

External fitting, suitable for combination with DORMA Premium lever handles or knobs for fire and smoke check doors. With lever handle spindle and two cylinder fixing bolts.

with level handle spinule and two cynnuel fixing	DUILS.
□ silver finish	39071001
🗆 black	39071002
□ white	39071010
□ stainless steel finish	39071004 💻 PHT 07

Order No. 35014 ..

..39011001 ..39011002

..39031001

..39031002

..39011010 💻 PHT 01

..39031010 💻 PHT 03

05







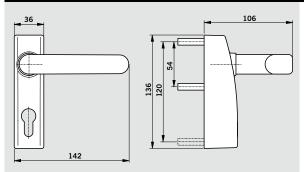


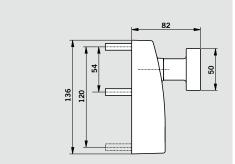




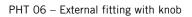
Specification text	Order No. 35014 🖳	
PHT S 05 Extended Spindle 8 mm square, incl. fixing screws for door leaf thicknesses of 60 – 105 mm.	39200050 🖵 PHT Accessories	
F Gasket Set for external fitting and PHA / PHB exit devices fixed to fire and smoke check doors.	39200060 🖳 PHT Accessories	
DORMA TL-Z 03 Single Europrofile cylinder with 3 keys, for PHT 01, 05, 06, 07	56510300	10

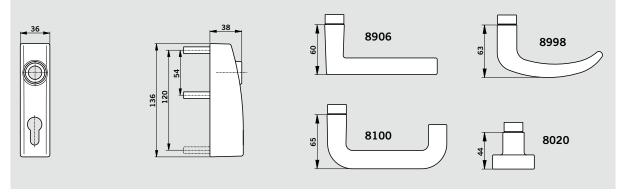






PHT 01, 03, 05 – External fitting with lever handle



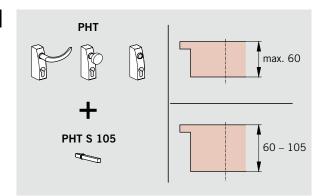


PHT 07 – External fitting, modular

When using the DORMA 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.









Door Control







Glass Fittings and Accessories



Security/Time and Access (STA)



Movable Walls

Door Control Division worldwide

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