

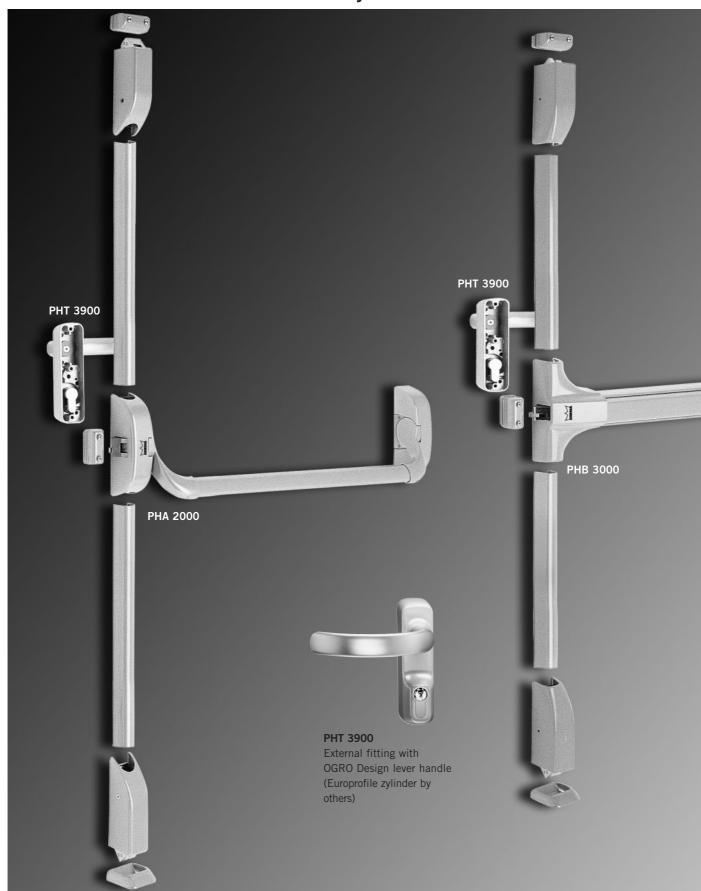


Panic Hardware

DORMA PHA 2000 PHB 3000



The modular DORMA Panic Hardware System







Forward-looking and innovative hardware for emergency exit doors

The DORMA Panic Hardware System offers an extensive range of high-quality panic hardware fittings with horizontal and vertical locking for use on emergency exit doors where security, reliability and aesthetic elegance are crucial requirements. DORMA PHA, PHB and PHT products fully

meet the demands that are made on fittings used in public buildings, for example, in hospitals, universities and schools, concert halls, shopping centres, hotels and offices.

The same DORMA PHT external fittings can be used in conjunction with both series.

Approval certification

The Panic Hardware products in the DORMA PHA 2000 and PHB 3000 series have been tested and approved to EN 1125 and carry the € conformity mark in accordance with supplement ZA to that Standard.

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

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Practical panic hardware for diverse door applications

The DORMA PHA Series 2000 Crossbar, the PHB Series 3000 Pushbar and the universally applicable Series 3900 external fittings, offer a range of products that can be used on both narrow-stile doors as well as on timber doors.

The wide security latchbolt engages in a keep 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 3900 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 OGRO Design lever handle or knob
- Electrical functions for special applications

For the user

- Simple operation
- Excellent quality ensures a long lifespan
- Universal door opener

Data and features	PHA Series 2000			PHB Series 3000			
		1 point	2 point	3 point	1 point	2 point	3 point
Modular System		•	•	•	•	•	•
Standard (not expandable)		_	•	_	•	_	_
Standard doors (single-leaf	/ 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⁾		•	•			
	≤ 2265 mm					•	•
	≤ 3200 mm ¹⁾					•	•
Max. Door 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	•	•	•	•	•	•
Electrical unlocking via elec	tric strike	0	0	0	0	0	0
Monitoring switch on pushb	ar	0	0	0	0	0	0
External fittings PHT 3900							
For Standard doors and Fire and smoke check doors		•	•	•	•	•	•
For door leaf thickness up to 60 mm							
Extended handle spindle and bolts							
for door leaf thickness 60 – 105 mm		0	0	0	0	0	0
Approved to EN 1125		•	•	•	•	•	•
CE mark for building products		•	•	•	•	•	•

 $[\]bullet$ = yes - = no \circ = option

F Approval certification

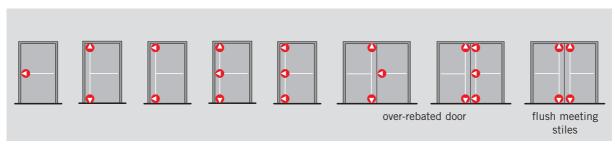
The DORMA Panic Hardware Series PHA 2000 products marked with the **F** symbol have been tested for use on fire and smoke check doors.

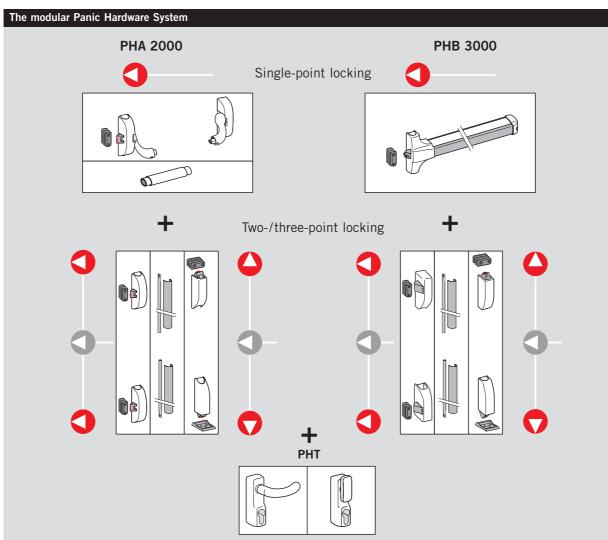
Test reports and/or certificates are available on request.

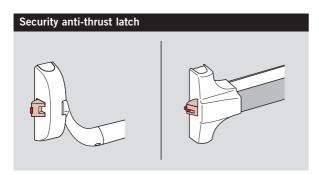
¹⁾ Doors higher than 2500 mm lie outside the scope of EN 1125.

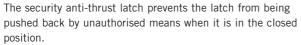
²⁾ Not for Fire and smoke check doors.

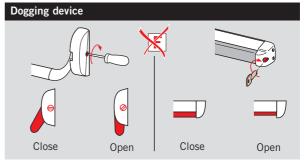




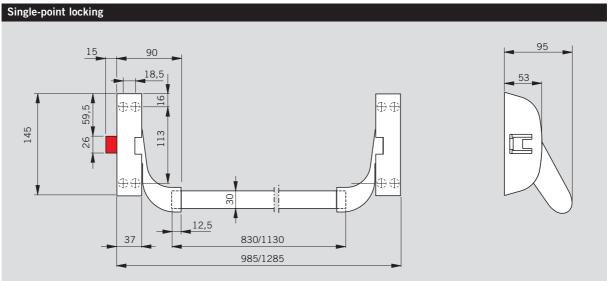


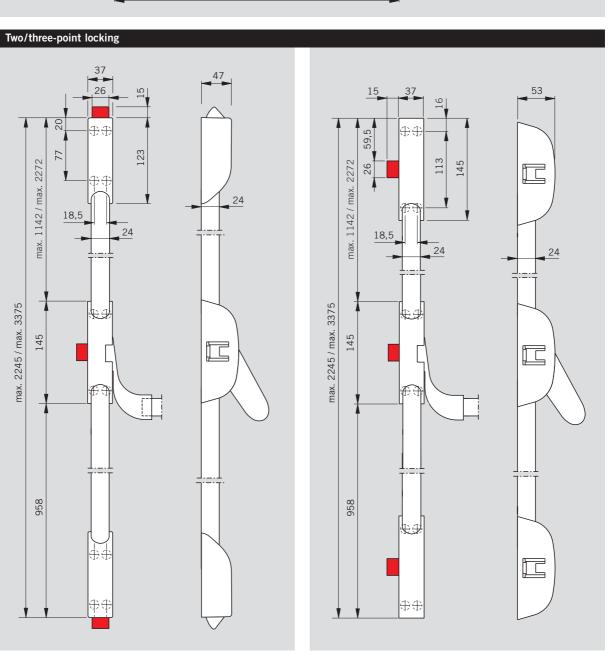




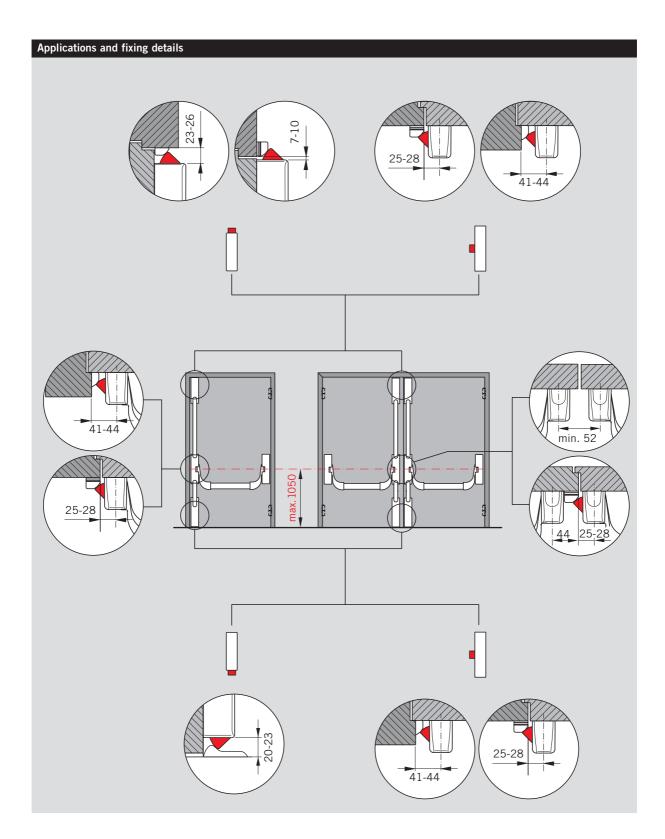


The dogging device serves to hold the latch in its retracted position, so the door is freely accessible.



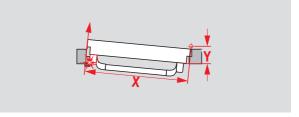


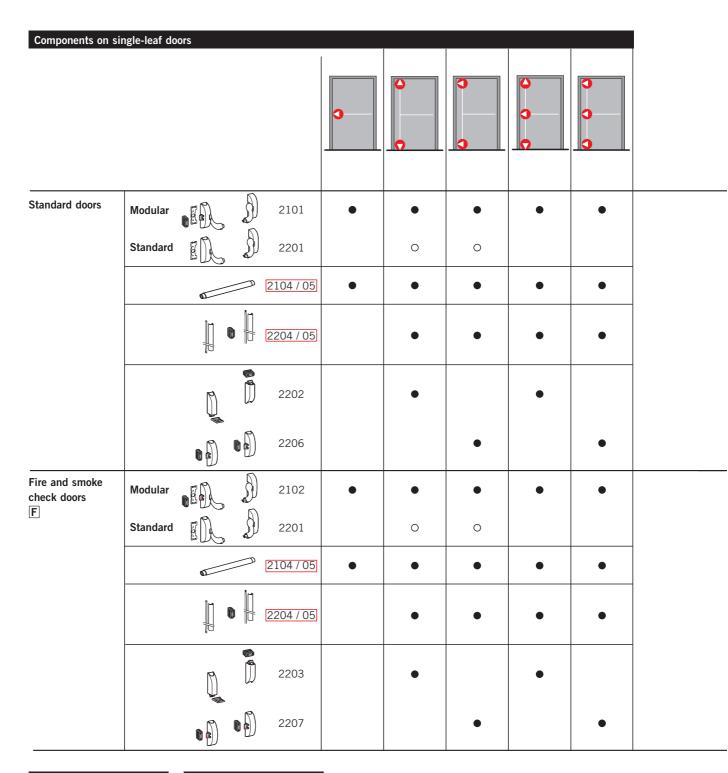




Note:

It may be the case that the panic fitting cannot be installed on extreme door situations according to standard measurements (door width X smaller than 1000 mm in connection with the distance of the hinge Y bigger than 90 mm). On request DORMA will gladly give you installation suggestions.



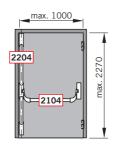


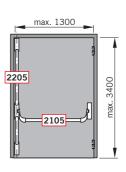
F Approval certification

The DORMA Panic Hardware Series PHA 2000 products marked with the **F** symbol have been tested for use on fire and smoke check doors. Test reports and/or certificates are available on request.

C€

The DORMA Panic Hardware Series PHA 2000 carry the **€**-conformity mark.

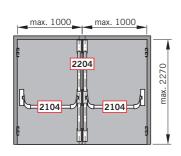


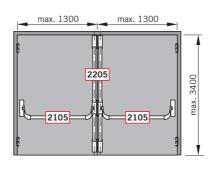




	Components on double doors								
	over-rebated door				flush meeting stiles				
	Inactive leaf	Active leaf	Inactive leaf	Active leaf	Inactive leaf	Active leaf			
	•	•	•	•	•	•	2101		Modular
	0		0		0	0	2201		Standard
	•	•	•	•	•	•	2104 / 05		D
	•		•	•	•	•	2204 / 05		
	•		•		•	•	2202		
				•			2206		
	•	•	•	•	•	•	2102		Modular
	0		0		0	0	2201		Standard
	•	•	•	•	•	•	2104 / 05	0	D
	•		•	•	•	•	2204 / 05		
	•		•		•	•	2203		
				•			2207		

○ = optionExternal trims see page 22/23





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	Sı	pecif	ication	text
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Order No. 35014 ..

PHA Series 2000

Panic door bolt 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; reversible for use on LH/ISO 6 and RH/ISO 5 doors.

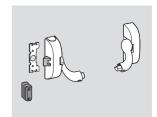
Can be unlocked electrically via electric strike. All products of the Panic Hardware series PHA 2000 carry the (mark.

PHA 2101

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

..21010001 ☐ silver colour ..21010002 □ black

□ white ..21010010 🖵 PHA 2101



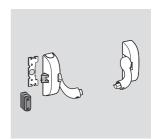
PHA 2102 F

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

plastic mounting backplate.

..21020001 ☐ silver colour ..21020002 □ black □ white ..21020010

..21020004 🖳 PHA 2102 ☐ stainless steel design



PHA 2201

Two-point locking only, with dogging device.

Plastic mounting backplate.

☐ silver colour ..22010001 □ black ..22010002 🖳 PHA 2201



PHA 2104

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

..21040001 ☐ silver colour ..21040002 □ red ..21040019 □ black □white ..21040010 🖳 PHA 2104



PHA 2105

Connecting rod 1130 mm (for door widths up to 1300 mm) ☐ silver colour ..21050001 □red ..21050002 ..21050019 □ black □ white ..21050010 ..21050004 🖳 PHA 2105 ☐ stainless steel design



See page 18 for accessories like adjustable keeps, electric door opener or micro switch.

Specification text Order No. 35014 .. PHA 2202 Top and bottom lock combination, without security anti-thrust latch. Die-cast zinc latch, zinc top latch keep with spacer plates, steel bottom latch keep. ☐ silver colour ..22020001 □ black ..22020002 ..22020010 🖳 PHA 2202 □ white PHA 2203 F Top and bottom lock combination, for fire and smoke check doors, with security anti-thrust latch. Steel latch, steel top latch keep with spacer plates, steel bottom latch keep. ☐ silver colour ..22030001 □ black ..22030002 □ white ..22030010 ..22030004 PHA 2203 ☐ stainless steel design PHA 2206 Top and bottom locking combination with lateral latch, without security anti-thrust latch. Die-cast zinc latch, steel latch keeps with spacer plates. ☐ silver colour ..22060001 □ black ..22060002 ..22060010 🖵 PHA 2206 □ white PHA 2207 Top and bottom locking combination with lateral latch, for fire and smoke check doors, with security anti-thrust latch. Steel latch, steel latch keeps with spacer plates. ☐ silver colour ..22070001 □ black ..22070002 □ white ..22070010 ..22070004 PHA 2207 ☐ stainless steel design PHA 2204 Connecting rod set with cover for door heights up to 2270 mm. Steel latch keep with spacer plates for double doors. ..22040001 ☐ silver colour □ black ..22040002 □ white ..22040010 ..22040004 🖳 PHA 2204 ☐ stainless steel design **PHA 2205** Connecting rod set with cover for door heights up to 3400 mm. Steel latch keep with spacer plates for double doors. ..22050001 ☐ silver colour □ black ..22050002

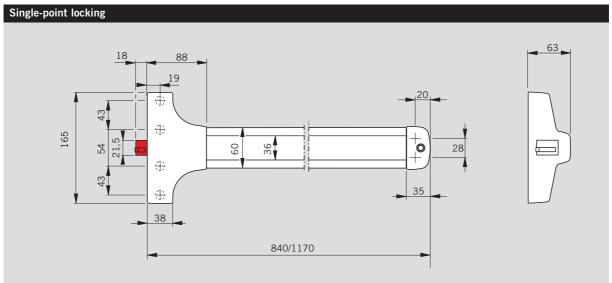
PH, GB 11

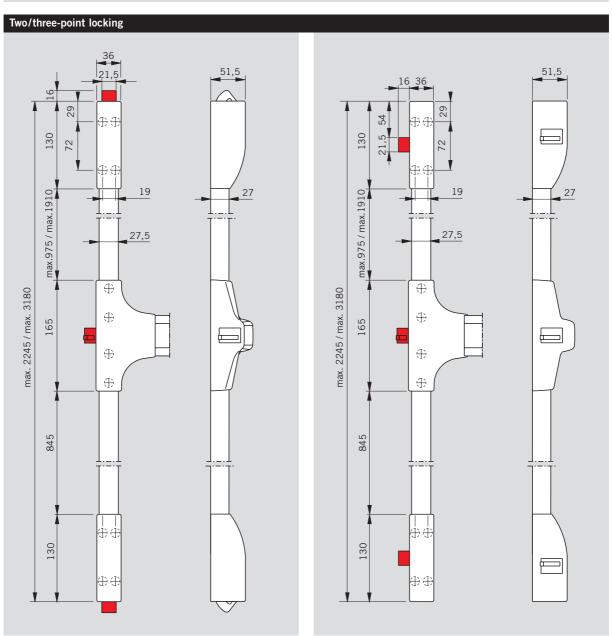
..22050010

..22050004 🖳 PHA 2205

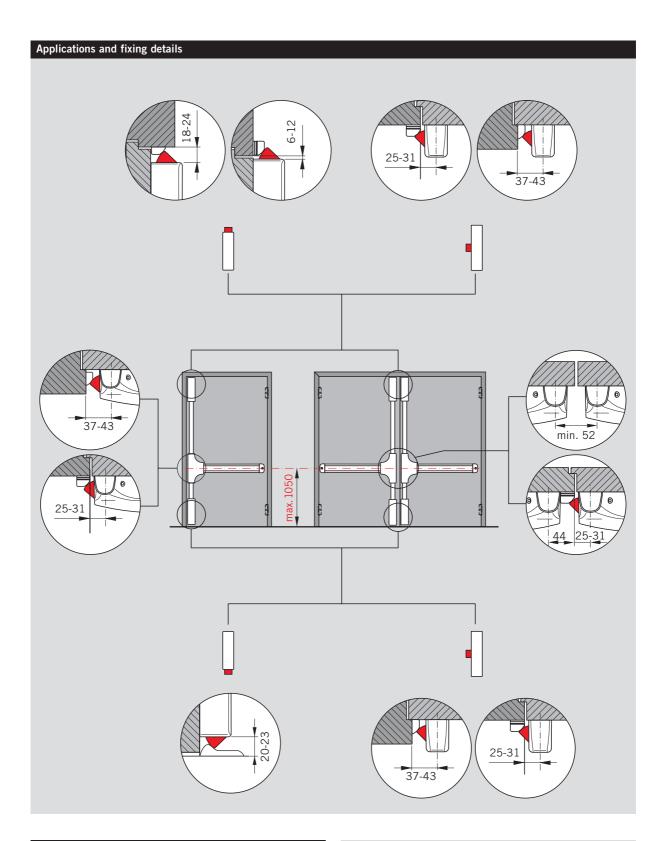
□ white

 $\hfill\Box$ stainless steel design





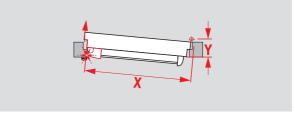


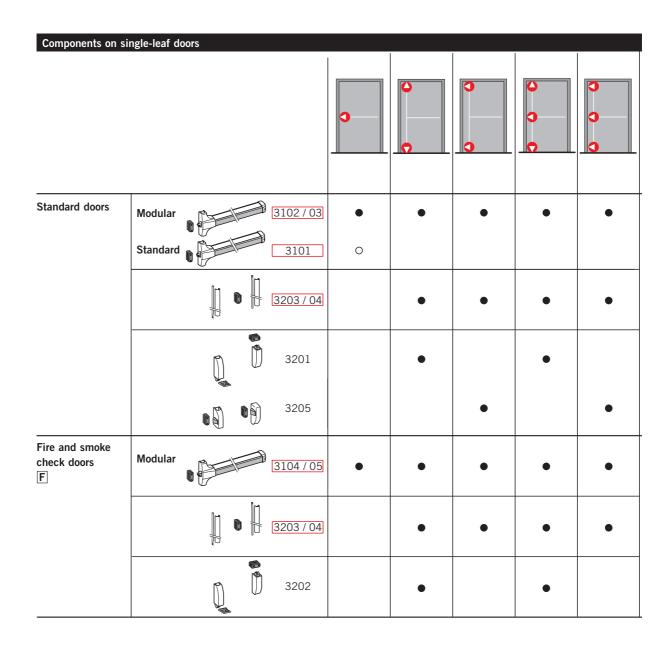


Note:

It may be the case that the panic fitting cannot be installed on extreme door situations according to standard measurements (door width X smaller than 1000

mm in connection with the distance of the hinge Y bigger than 90 mm). On request DORMA will gladly give you installation suggestions.



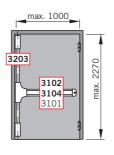


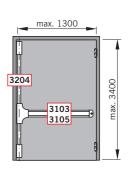
F Approval certification

The DORMA Panic Hardware Series PHB 3000 products marked with the **F** symbol have been tested for use on fire and smoke check doors. Test reports and/or certificates are available on request.

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The DORMA Panic Hardware Series PHB 3000 carry the **€**-conformity mark.



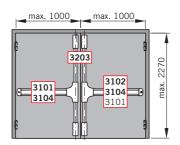


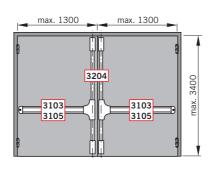
14



Components	on double do	ors					
	over-reba	ated door			eting stiles		
	•	•	•		•		
Inactive leaf	Active leaf	Inactive leaf	Active leaf	Inactive leaf	Active leaf		
•	•	•	•	•	•	3102 / 03	Modular
	0					3101	Standard
•		•	•	•	•	3203 / 04	
•		•		•	•	3201	
			•			3205	
•	•	•	•	•	•	3104 / 05	Modular
•		•	•	•	•	3203 / 04	
•		•	•	•	•	3202	

○ = optionExternal trims see page 22/23





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.

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PHB Series 3000

Panic door bolt tested in accordance with EN 1125, for door widths up to 1300 mm, door heights up to 2265 (in accordance with EN 1125) or 3200 mm, non-handed. Can be unlocked electrically via electric strike. All products of the Panic Hardware series PHB 3000 carry the **€** mark.

Order No. 35014 ..



PHB 3101

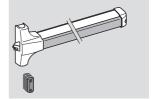
Single-point locking, standard, for standard doors with a door width up to 1000 mm, with security anti-thrust latch and dogging device.

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

- ☐ silver colour
- ☐ black/red

..31010001

..31010002 🖳 PHB 3101



PHB 3102

Single-point locking, modular, for standard doors with a door width up to 1000 mm, with security anti-thrust latch and dogging device.

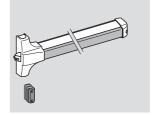
Die-cast zinc latch, steel latch keep with spacer plates.

- ☐ silver colour
- ☐ black/red
- □ white

..31020001

..31020002

..31020010 🖳 PHB 3102



PHB 3103

Single-point locking, modular, for standard doors with a door width up to 1300 mm, with security anti-thrust latch and dogging device.

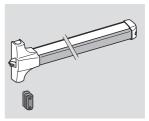
Die-cast zinc latch, steel latch keep with spacer plates.

- ☐ silver colour
- ☐ black/red
- □ white

..31030001

..31030002

..31030010 🖳 PHB 3103



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.

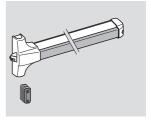
Steel latch, steel latch keep with spacer plates.

- ☐ silver colour
- ☐ black/red
- \square white

..31040001

..31040002

..31040010 🖳 PHB 3104



PHB 3105 F

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.

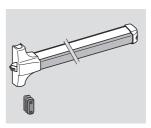
Steel latch, steel latch keep with spacer plates.

- ☐ silver colour
- □ black/red
- □ white

..31050001

..31050002

..31050010 🖵 PHB 3105





Specification text Order No. 35014 .. PHB 3201 Top and bottom lock combination, with security anti-thrust latch. Die-cast zinc latch, steel top latch keep with spacer plates, steel bottom latch keep. ☐ silver colour ..32010001 □ black ..32010002 ..32010010 🖳 PHB 3201 □ white PHB 3202 F Top and bottom lock combination, for fire and smoke check doors, with security anti-thrust latch. Steel latch, steel top latch keep with spacer plates, steel bottom latch keep. ..32020001 ☐ silver colour □ black ..32020002 ..32020010 🖵 PHB 3202 □ white PHB 3205 Top and bottom locking combination with lateral latch, without security anti-thrust latch. Die-cast zinc latch, steel latch keeps with spacer plates. ☐ silver colour ..32050001 □ black ..32050002 ..32050010 🖳 PHB 3205 □ white PHB 3203 Connecting rod set with cover for door heights up to 2265 mm Steel latch keep with spacer plates, for double doors. ☐ silver colour ..32030001 □ black ..32030002 ..32030010 PHB 3203 □ white PHB 3204 Connecting rod set with cover for door heights up to 3200 mm Steel latch keep with spacer plates, for double doors. ☐ silver colour ..32040001 □ black ..32040002

PH, GB 17

..32040010 🖳 PHB 3204

□ white

Panic Hardware Accessories

Order No. 35014 .. Specification text accessories PHA 2000 PH 2450 Electric door-opener In combination with PHA/PHB for the use on Standard doors with an overlap up to 24 mm. Die-cast zinc latch counterpart. 12 V AC, 50 Hz, 15 W ☐ silver colour ..24500001 ..24500002 🖳 PH □ black □ white ..24500010 Accessories PHA 2421 Adjustable keep For standard aluminium profile doors, single and double leaf, flush-closing or rebated (0-11 mm). Die-cast zinc latch (in packs of 10) ☐ silver colour ..24210001 ..24210002 🖵 PHA □ black □ white ..24210010 Accessories PHA 2422 Adjustable keep For standard PVC profile doors, single and double leaf, rebated (14-24 mm). Die-cast zinc latch (in packs of 10) ☐ silver colour ..24220001 □ black ..24220002 **P**HB □ white ..24220010 Accessories Micro-switch For actuation of visual or audible signals. ..25200060 🖵 PHA Contact rating: max. 48 V DC, max. 3 A For PHA 2101, 2102, 2201 Accessories Mounting backplate Steel, galvanised (in packs of 10) for PHA 2101, 2102, 2201 ..25200050 🖵 PHA for factory pre-installation to simplify field installation Accessories Mounting backplate Steel, galvanised (in packs of 10) 6 0 for PHA 2202, 2203 ..25200051 🖳 PHA for factory pre-installation to simplify field installation Accessories Order No. 35014 .. Specification text accessories PHB 3000 PH 2450 Electric door-opener In combination with PHA/PHB for the use on Standard doors with an overlap up to 24 mm. Die-cast zinc latch couterpart. 12 V AC, 50 Hz, 15 W ..24500001 ☐ silver colour ..24500002 🖵 PH □ black □ white ..24500010 Accessories Micro-switch For actuating visual or audible signals. Contact rating: max. 48 V DC, max. 3 A

For PHB 3101, 3102, 3103, 3104, 3105.

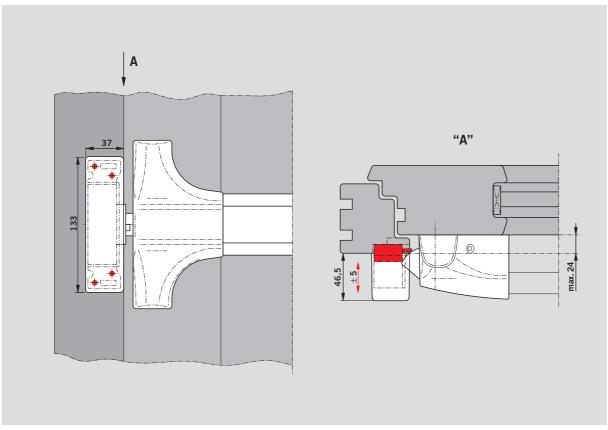
..35200061 🖳 РНВ

Accessories



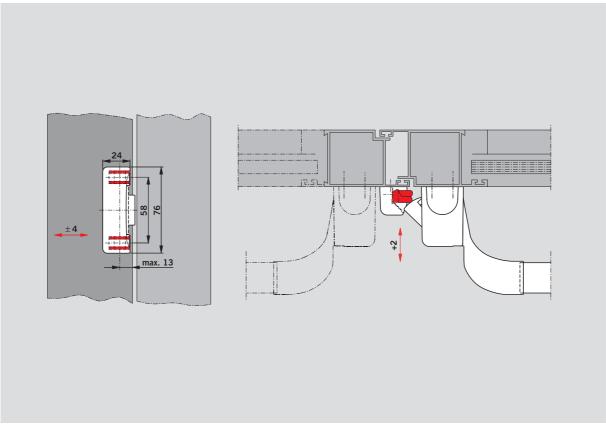
PH 2450 – Electric strike "A" "A"

Application of the electric strike in combination with PHA 2000 on a profile door



Application of the electric strike in combination with PHB 3000 on a timber door

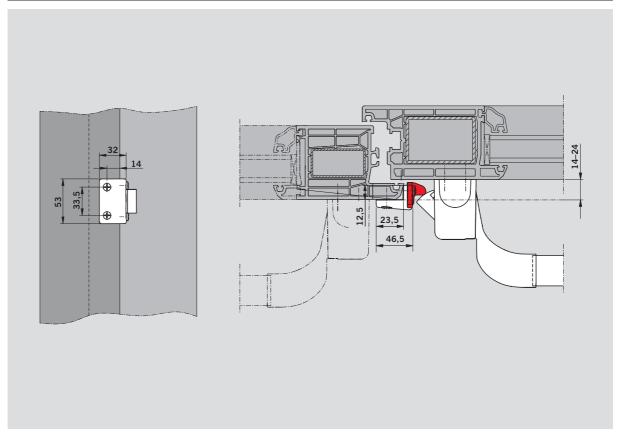
Application example PHA 2421 on a rebated door, universal use for single and double leaf doors



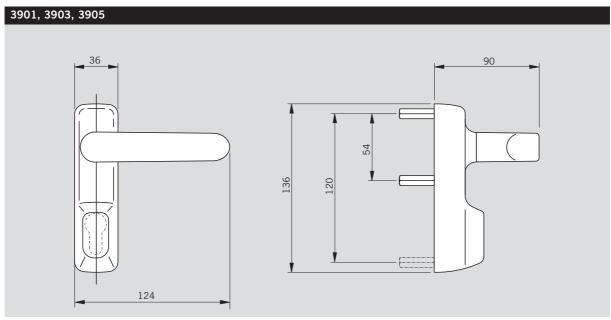
Application example PHA 2421 on a flush-closing door, universal use for single and double leaf doors

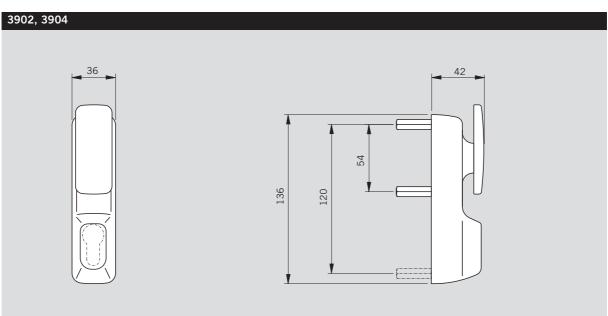


PHA 2422 – Adjustable keep for PVC profile doors



Application example PHA 2422 on a rebated door, universal use for single and double leaf doors



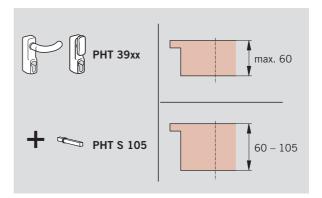


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When DORMA PHT 3905 external fittings are used on fire and smoke check doors in conjunction with the PHA or PHB Panic Hardware series, the appropriate seal set must be used.

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The Panic Hardware products of the series PHT 3900 carry the **((** mark.



Specification text	Order no. 35014 <u>—</u>	
PHT Series 3900		
External trims with lever handle or knob, usable with		
PHA 2000 and PHB 3000. All external trims PHT 3900		
are non-handed and carry the 🕻 mark.		
PHT 3901		
External fitting with OGRO Design lever handle,		
for standard doors with a door leaf thickness up to 60 mm,		
prepared for Europrofile single cylinder.		
With handle spindle and 2 cylinder fixing bolts.		
□ silver colour	39010001	
□ black	39010002	
☐ white	39010010 🖵 PHT 3901	
	_	
PHT 3903		
External fitting with OGRO Design lever handle, for standard		
doors with a door leaf thickness up to 60 mm, non-lockable.		
With handle spindle. ☐ silver colour	20020001	
□ sliver colour □ black	39030001	
□ white	39030002 39030010	
LI WIIIC	55050010 👱 1111 5505	
_		
PHT 3905 F		
External fitting with OGRO Design lever handle, for fire and		
smoke check doors with a door leaf thickness up to 60 mm.		
With integrated seal ring. Prepared for Europrofile single		
cylinder. With handle spindle and 2 cylinder fixing bolts. ☐ silver colour	39050001	
□ black	39050001	(8)
□ white	39050010	
□ stainless steel design	39050004 🖵 PHT 3905	
<u> </u>	_	
P. 17. 0000	_	
PHT 3902 External fitting with knob, for standard doors with a door		
External fitting with knob, for standard doors with a door leaf thickness up to 60 mm, prepared for Europrofile		
single cylinder.		
With handle spindle and 2 cylinder fixing bolts.		
□ silver colour	39020001	
□ black	39020002	
□ white	39020010	
☐ stainless steel design	39020004 🖳 PHT 3902	
PHT S 105		
Extended spindle for PHT 3900 8 mm square, incl. fixings screws for	39200050 🖵 PHT	
door thickness from 60-105 mm.	Accessories	
200	, 10003301103	
F Seal set for external fitting and PHA panic door locks	20200000 П э.:-	
on fire and smoke check doors.	39200060 PHT Accessories	
	Accessories	

PH, GB 23

..39200061 🖳 PHT

Accessories

 $\boxed{\textbf{F}}$ Seal set for external fitting and PHB panic door locks

on fire and smoke check doors.

www.dorma.com







Glass Fittings and Accessories



Security/ Time and Access (STA)



Movable Walls

Division Door Control worldwide

Central Europe

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WN 052 179 51532, 08/04, PH, GB, x. xx. 08/04 · Subject to change without notice