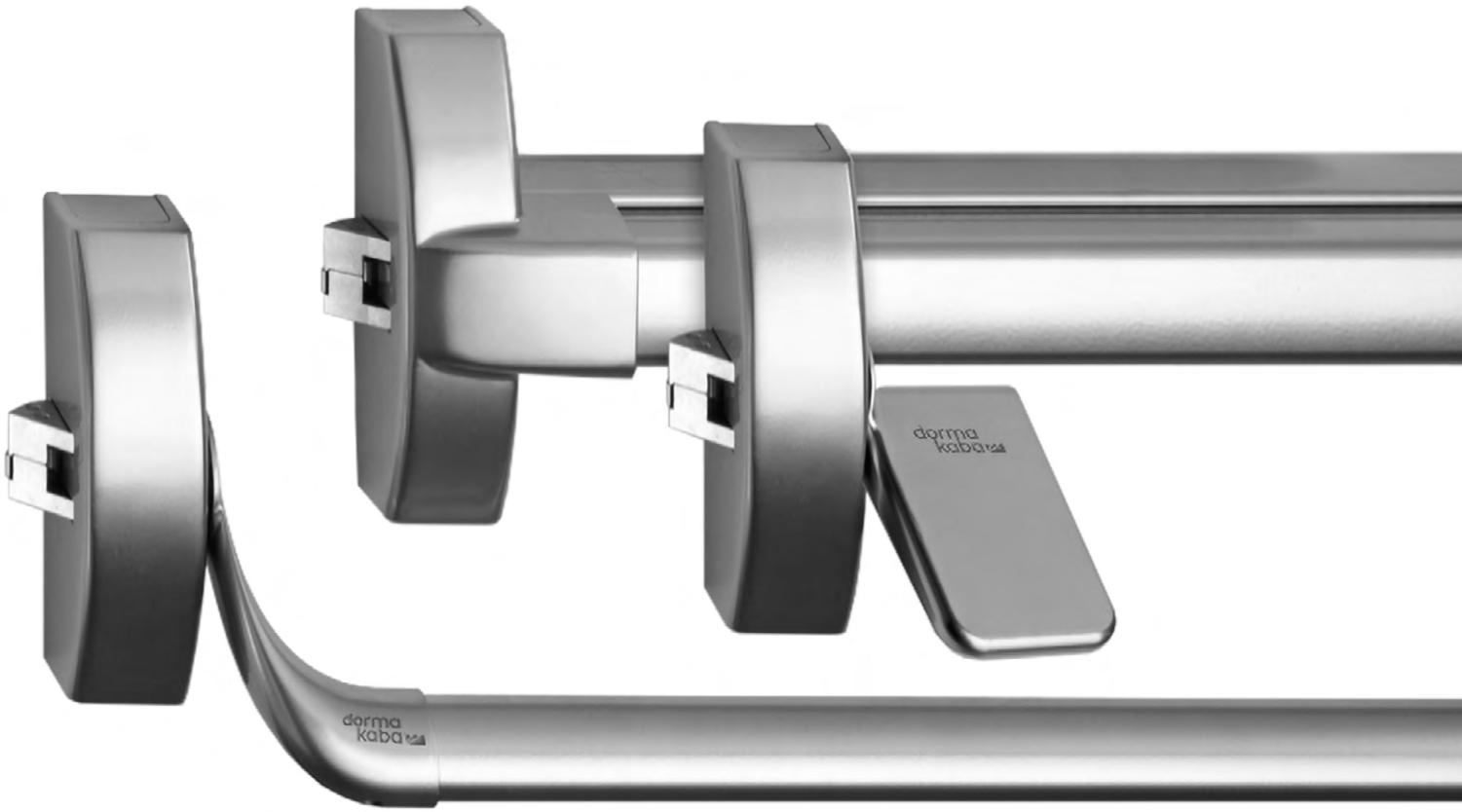
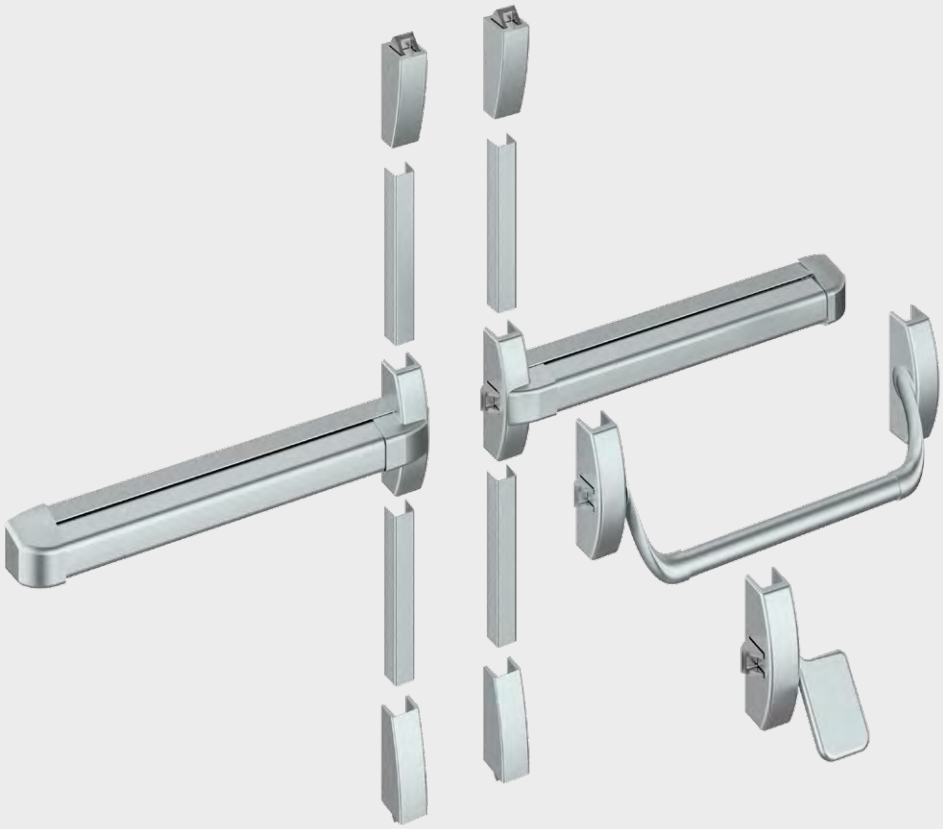
dormakaba

PHA 2000
PHB 3000
Exit Pad

Panic and emergency exit hardware



Technical product brochure



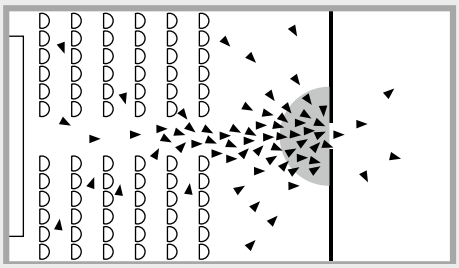
The modular dormakaba panic hardware-system

PHA 2000/PHB 3000	Features and functions	4
PHA 2000	Dimensions	6
	Applications and fixing details	7
PHB 3000	Dimensions	8
	Einsatzbereiche und Montage	9
PHA 2000/PHB 3000	Components	10
Exit Pad	Features and functions	16
	Dimensions	18
	Applications and fixing details	19
	Components	20
Glass Kit	Features and functions	22
	Applications and fixing details	23
	Components	28
PH Accessories	Applications and fixing details	30
	Components	32
PHT	External fittings	34

Advanced, high-spec fittings for emergency exit doors
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. The PHA 2000 and PHB 3000 panic hardware systems fitted on the door leaf are particularly suitable for areas with increased pedestrian traffic where connecting to a classic mortice lock is not desirable or not possible. 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. With the appropriate accessories, PHA 2000 and PHT external fittings can even be used on glass doors with frames and all-glass doors.

EN 1125
Panic exit devices operated by a horizontal bar

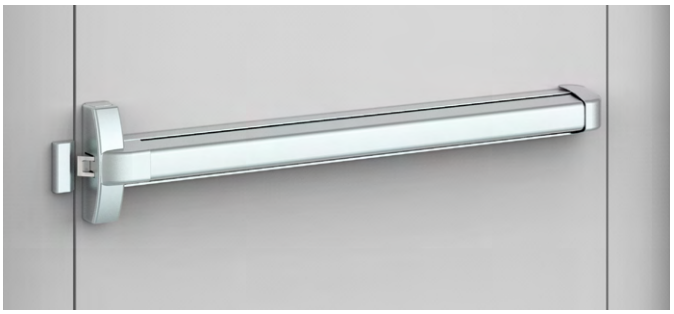
DANGER OF PANIC



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

PHA 2000

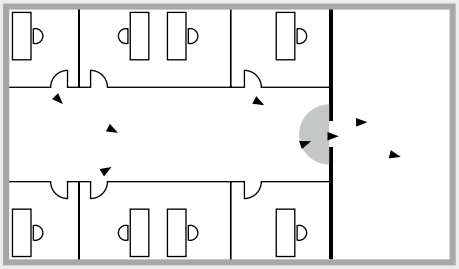
PHB 3000



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

EN 179
Emergency escape devices with exit pad

NO DANGER OF PANIC



Prior knowledge of how to open the escape door is expected.

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.

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

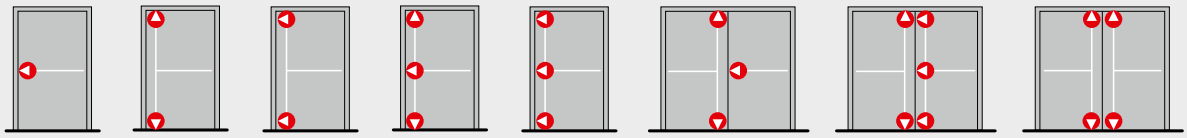
For the user
- Simple operation
- Excellent quality ensures long lifespan
- Universal electric strike

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/double-leaf)		●	●	●	●	●	●
Fire and smoke check doors (single-leaf/double-leaf) F		●	●	●	●	●	●
Glass doors		●	●	●	–	–	–
Door width	≤ 1.000 mm	●	●	●	●	●	●
	≤ 1.300 mm	●	●	●	●	●	●
Door height	≤ 2.270 mm	–	●	●	–	●	●
	≤ 3.400 mm[1)]	–	●	●	–	●	●
Max. door leaf weight in kg		200	200	200	200	200	200
Non-handed design		●	●	●	●	●	●
Dogging device[2)]		●	●	●	●	●	●
Security anti-thrust latch	for standard doors	–	–	–	–	–	–
	for fire and smoke check doors	●	●	●	●	●	●
Unlocking via electric strike		○	○	○	○	○	○
Monitoring switch on actuating bar		○	○	○	○	○	○
PHT external fittings 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 thicknesses of 60 – 105 mm		○	○	○	○	○	○
Approved to EN 1125		●	●	●	●	●	●
CE mark for construction products		●	●	●	●	●	●

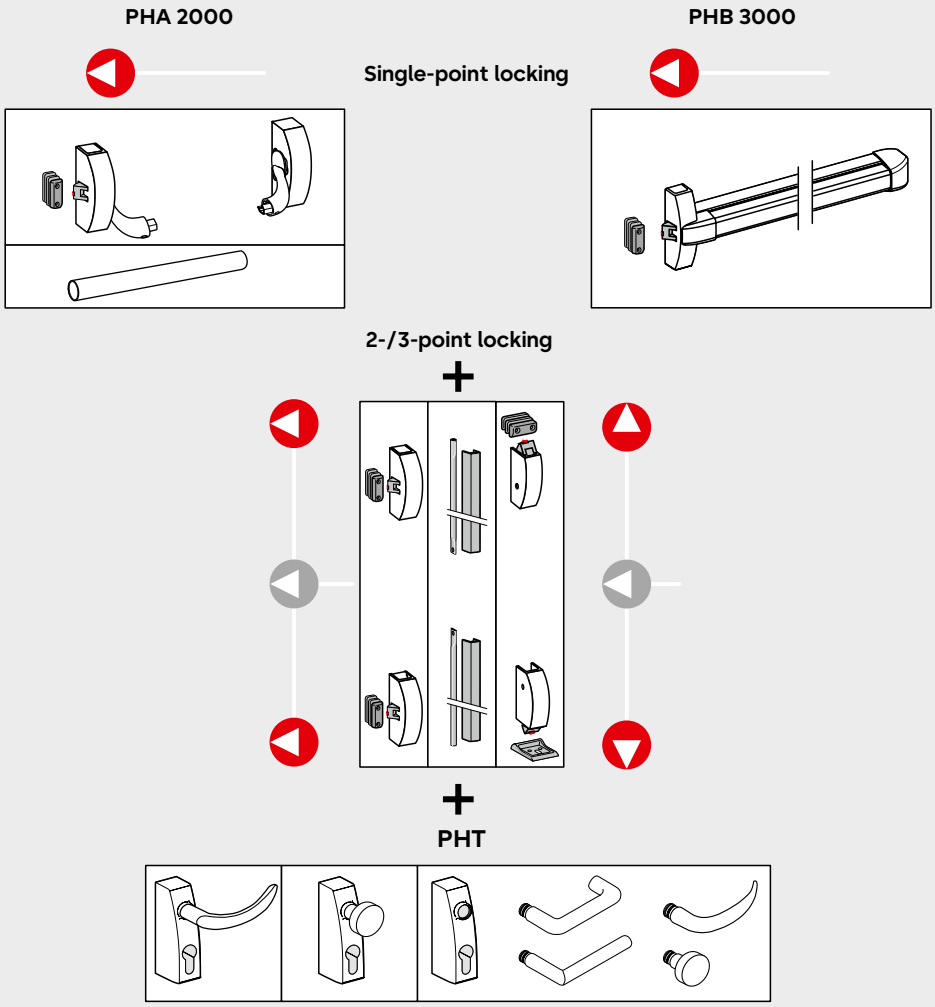
● Yes – No ○ Option

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

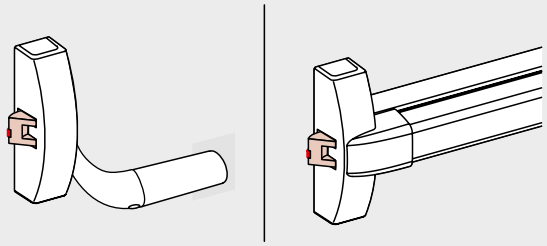
F Approval certification
The panic hardware products marked with an F are approved for use with fire and smoke check doors. Approval certification for the fire and smoke check door in conjunction with the dormakaba panic hardware product is additionally required in some countries – check local regulations.



The modular panic hardware system

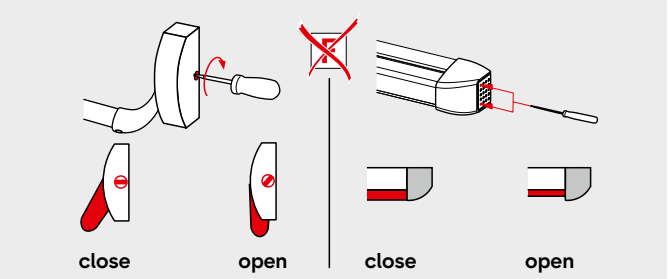


Security anti-thrust latch



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

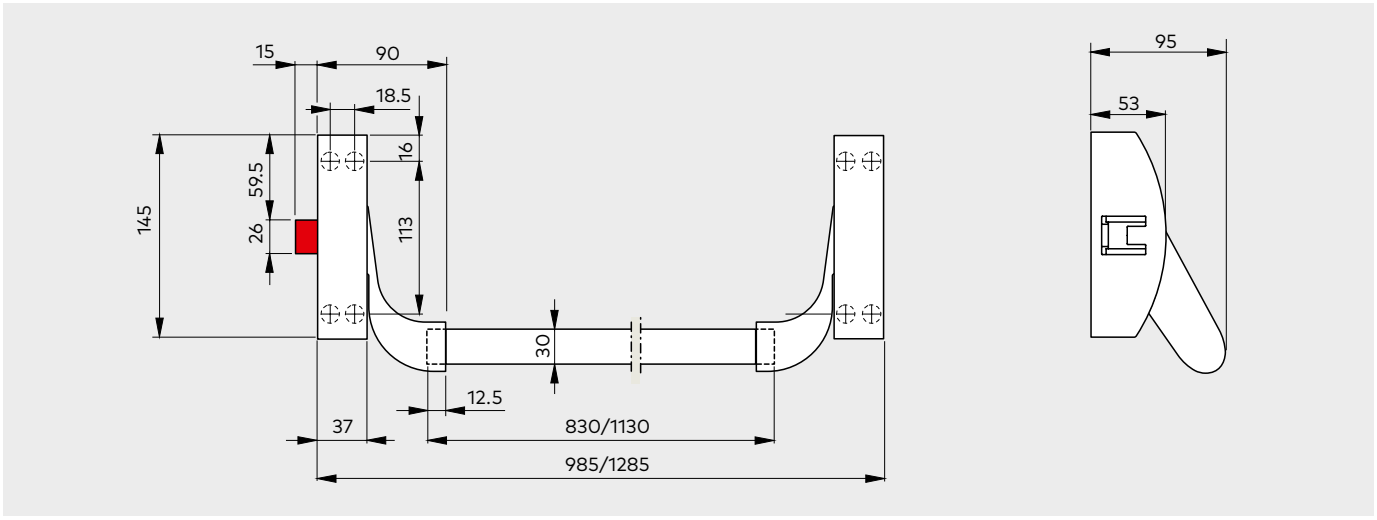
Dogging device



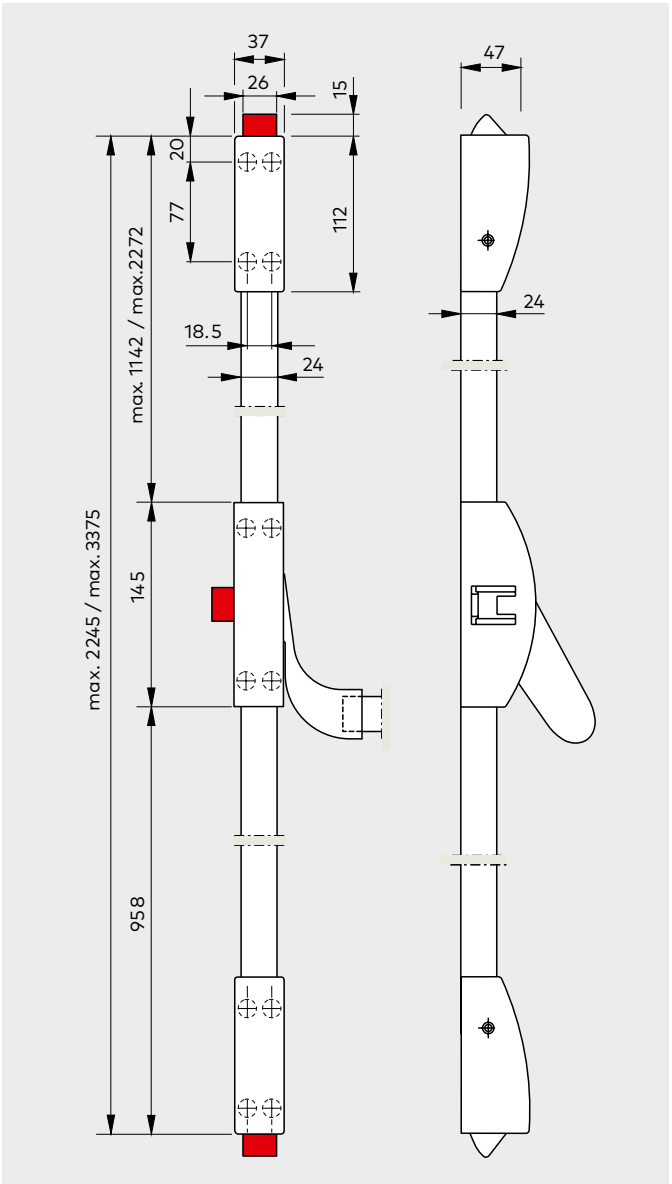
The dogging device serves to hold the latch in its retracted position so the door is freely accessible.

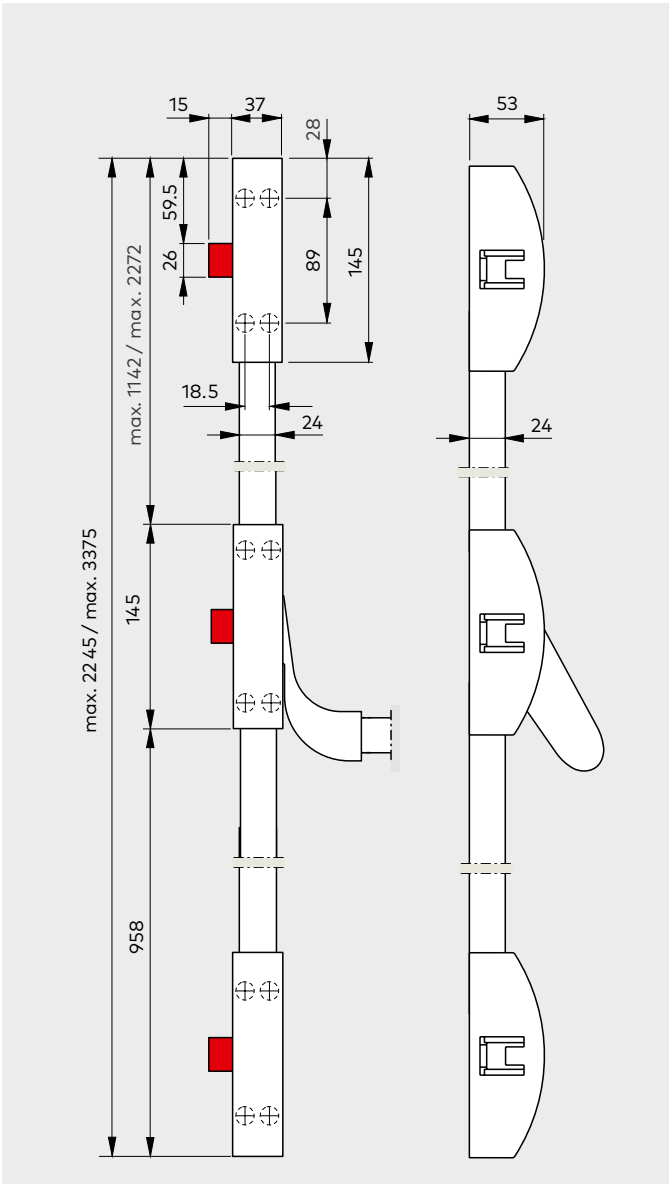
PHA 2000

Single-point locking

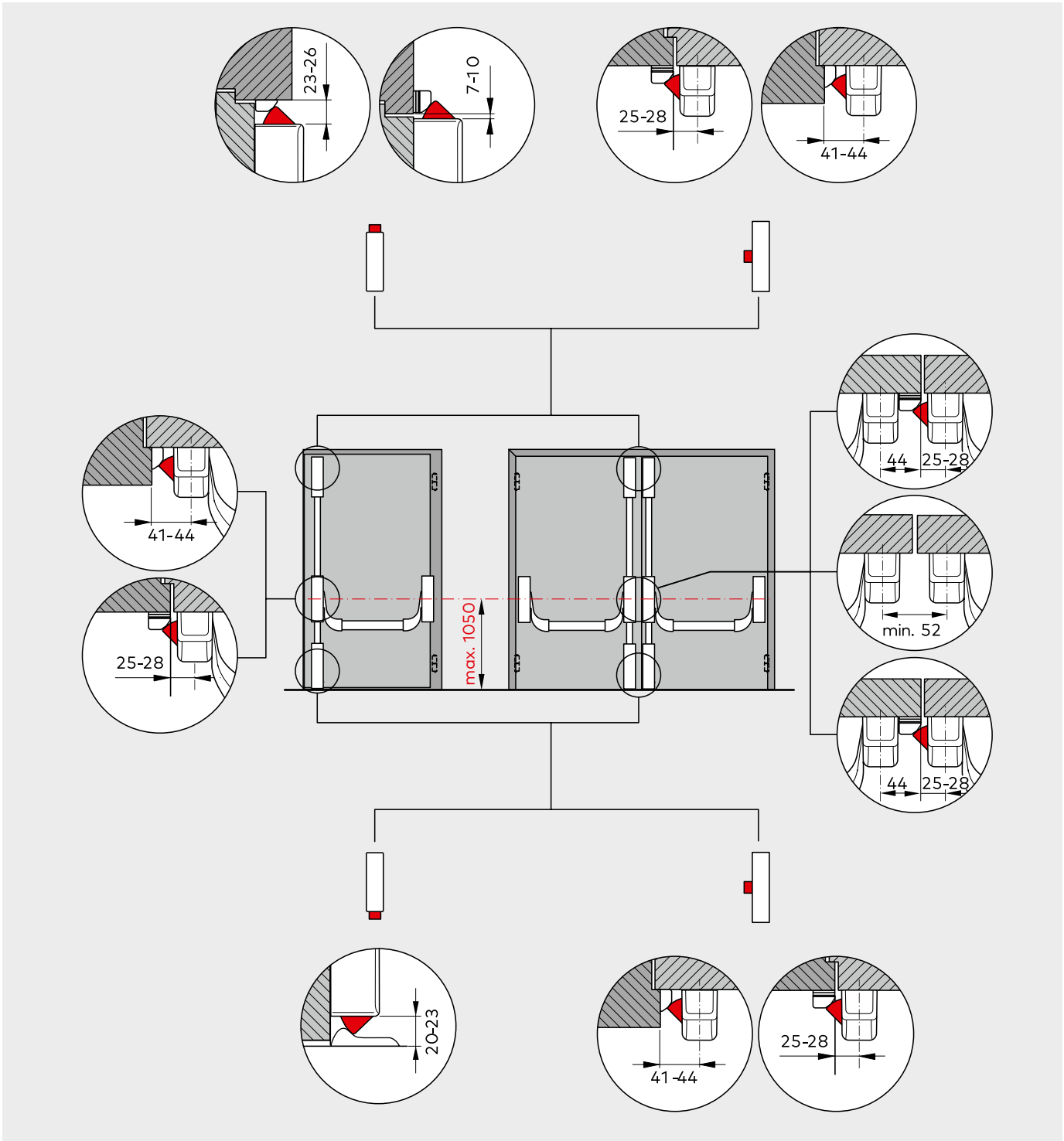


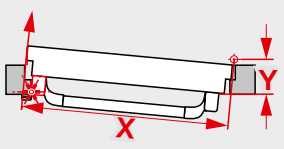
2/3-point locking





Applications and fixing details

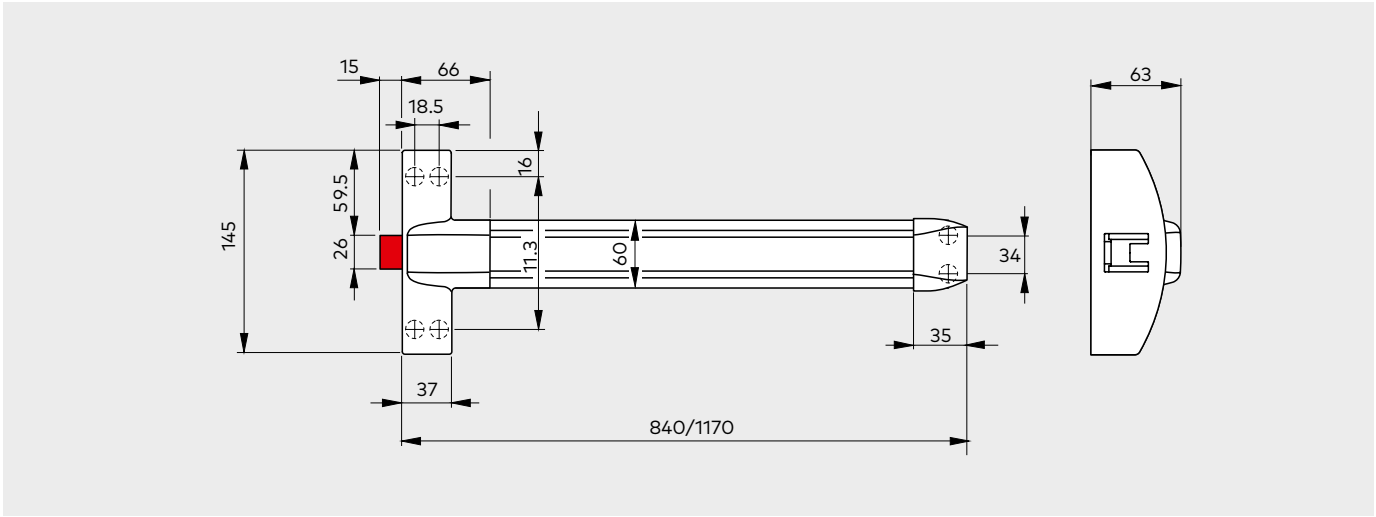




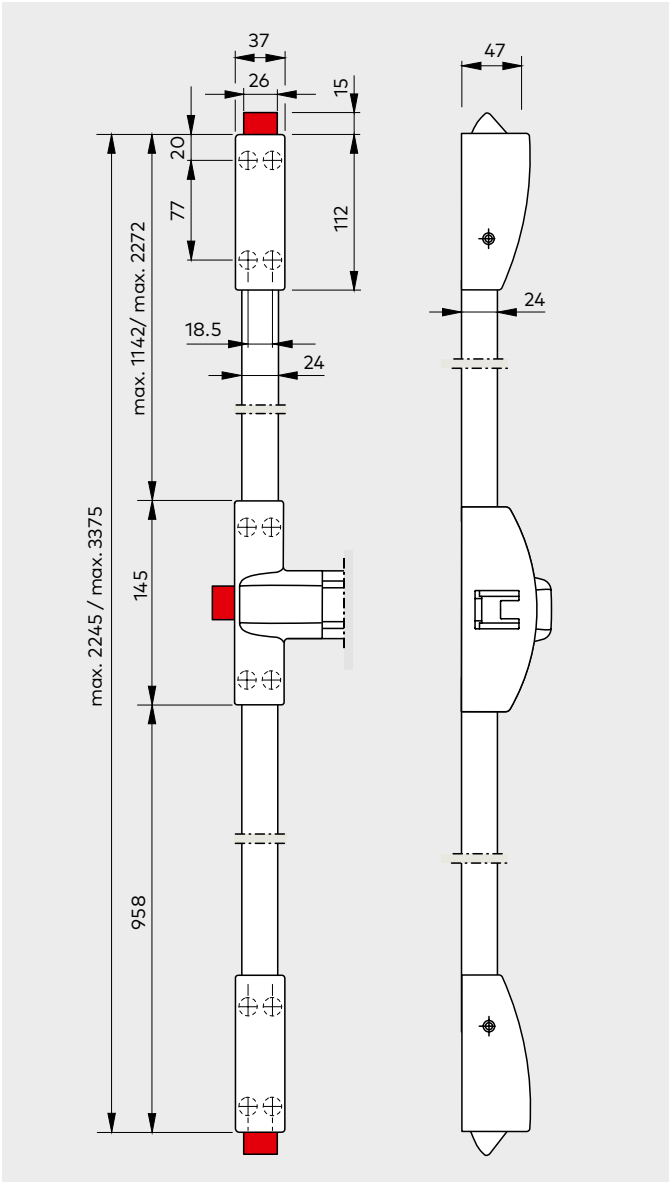
Note
It may be the case that the exit device cannot be installed based on standard measurements where the door situation is extreme, e.g. with a door width X < 1000 mm combined with a hinge offset Y > 90 mm. dormakaba will be glad to provide you with installation suggestions on request.

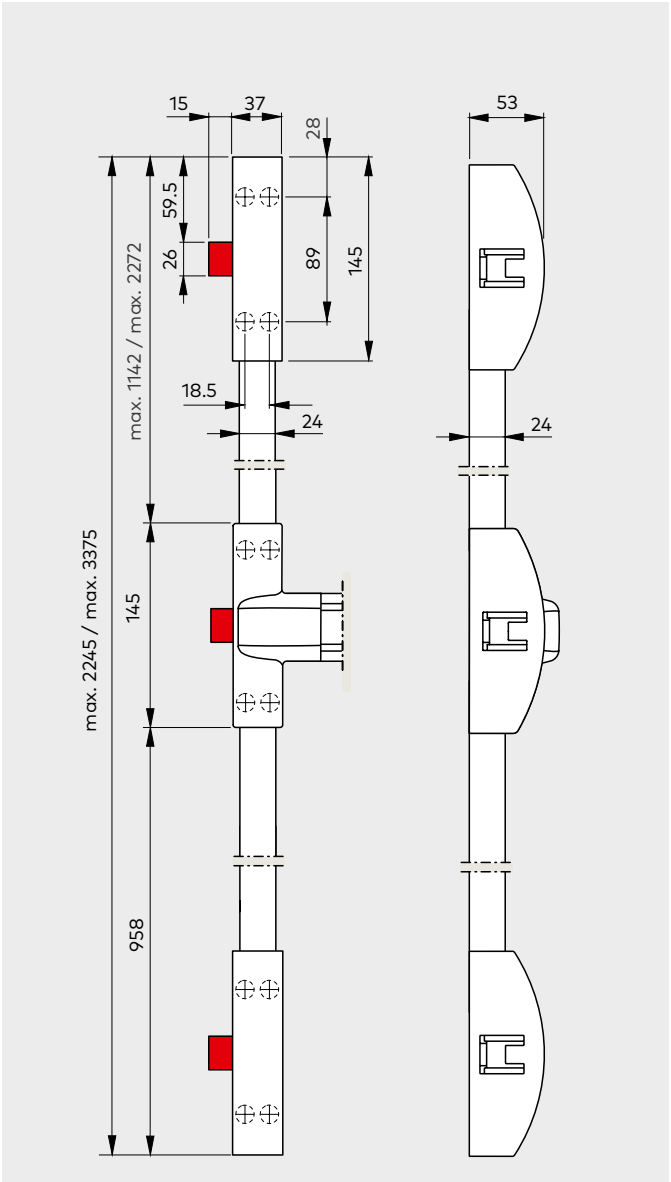
PHB 3000

Single-point locking

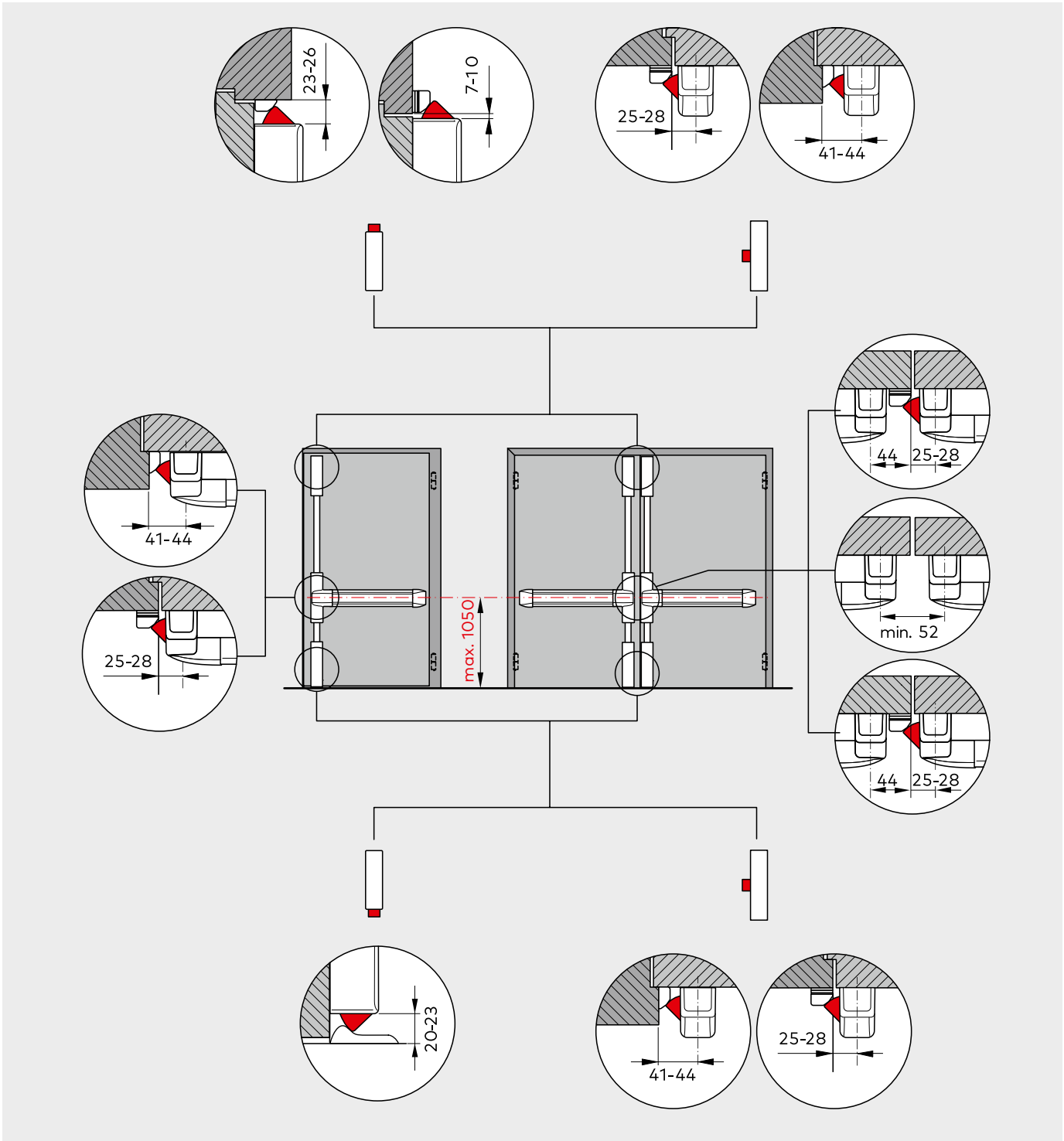


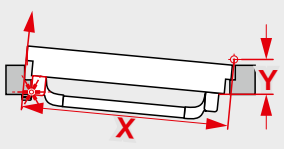
2/3-point locking





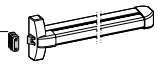
Applications and fixing details





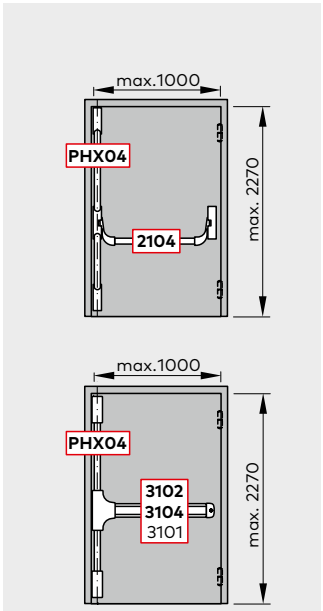
Note
It may be the case that the exit device cannot be installed based on standard measurements where the door situation is extreme, e.g. with a door width X < 1000 mm combined with a hinge offset Y > 90 mm.
dormakaba will be glad to provide you with installation suggestions on request.

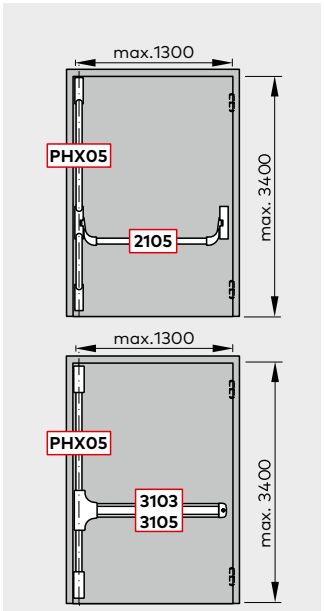
PHA 2000/PHB 3000

Components on single-leaf doors								
Smoke check doors	Modular		2101	●	●	●	●	●
	Standard		2201		○	○		
			2104/05	●	●	●	●	●
	Modular		3102/03	●	●	●	●	●
	Standard		3101	○				
			PHX 04/05		●	●	●	●
			PHX 02		●		●	
			PHX 06			●		●
Fire check doors F	Modular		2102	●	●	●	●	●
			2104/05	●	●	●	●	●
	Modular		3104/05	●	●	●	●	●
			PHX 04/05		●	●	●	●
			PHX 03		●		●	
			PHX 07			●		●

● Yes ○ Option

For external fittings, see page 34



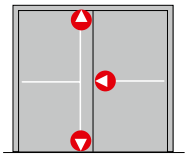
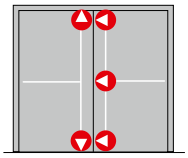
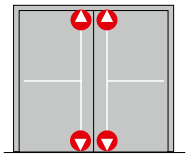
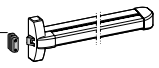
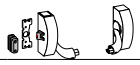


F Approval certification

The panic hardware products of the series PHA 2000/PHB 3000 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.

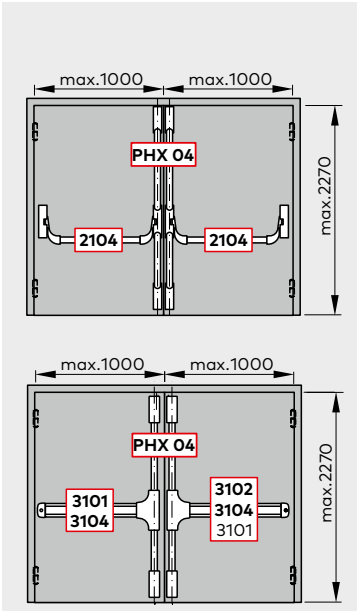
The panic hardware products of the series PHA 2000/PHB 3000 carry the CE mark of conformity.

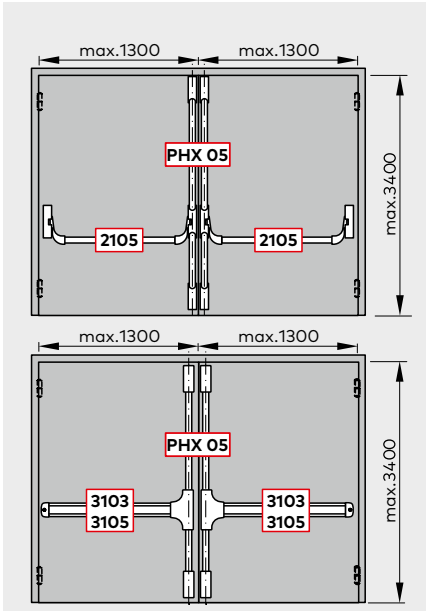
Components on double-leaf doors

				Over-rebated door				Flush closing door	
									
				Inactive leaf	Active leaf	Inactive leaf	Active leaf	Inactive leaf	Active leaf
Smoke check doors	Modular		2101	●	●	●	●	●	●
	Standard		2201	○		○		○	○
			2104/05	●	●	●	●	●	●
	Modular		3102/03	●	●	●	●	●	●
	Standard		3101		○				
			PHX 04/05	●		●	●	●	●
			PHX 02	●		●		●	●
			PHX 06				●		
Fire check doors F	Modular		2102	●	●	●	●	●	●
			2104/05	●	●	●	●	●	●
	Modular		3104/05	●	●	●	●	●	●
			PHX 04/05	●		●	●	●	●
			PHX 03	●		●		●	●
			PHX 07				●		

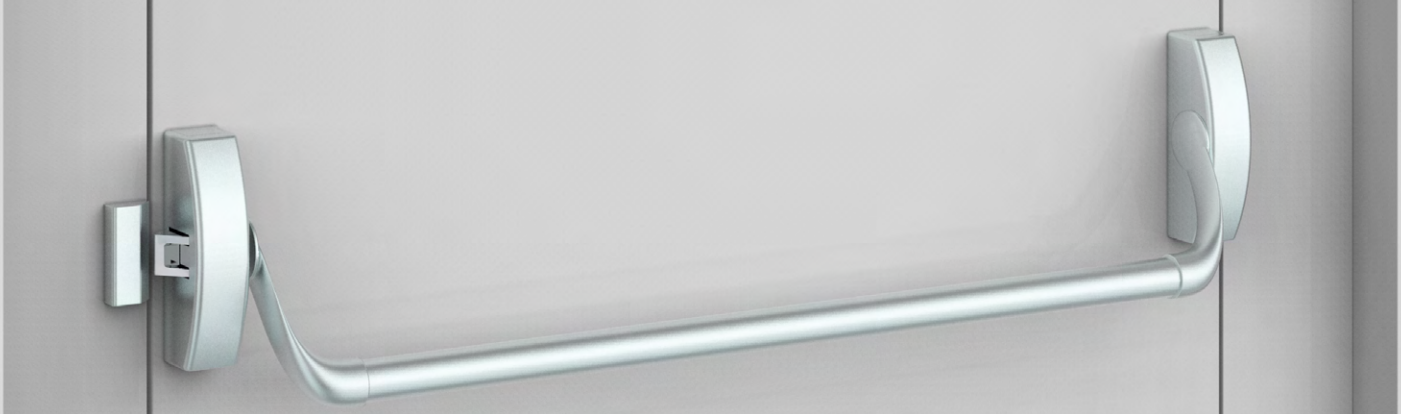
● Yes ○ Option

For external fittings, see page 34

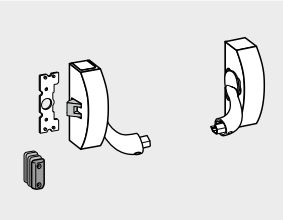
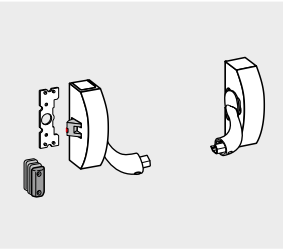
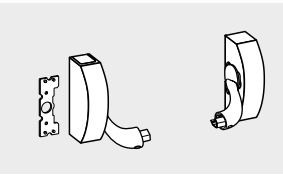
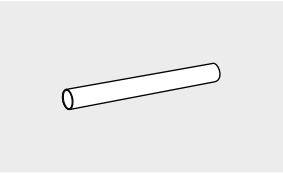
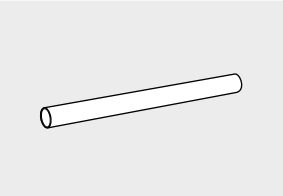




Note
According to EN 1125, the effective length of the operating bar has to be at least 60% of the door width.
Doors higher than 2500 mm lie outside the scope of EN 1125.

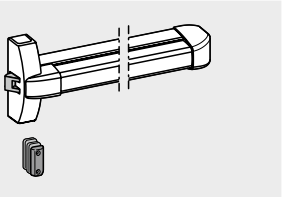
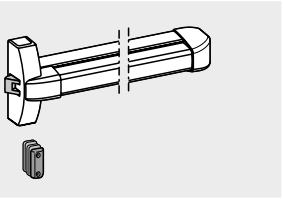
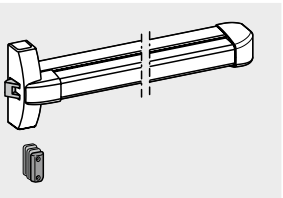
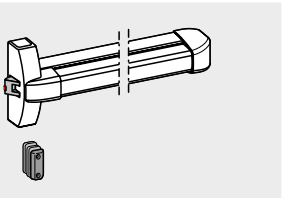
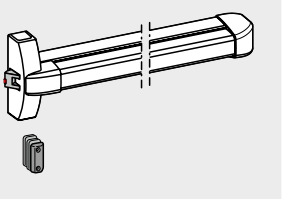


PHA 2000

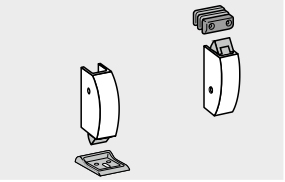
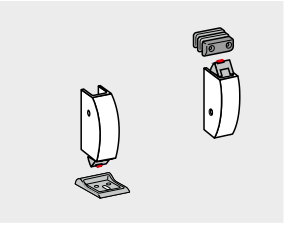
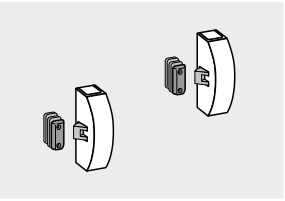
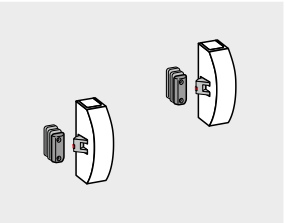
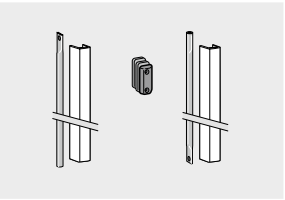
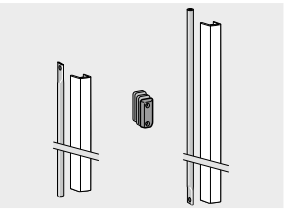
	Specification text	Order No.
	PHA 2000 Panic exit device tested in accordance with EN 1125, for door widths up to 1300 mm, door heights up to 2270 (in accordance with EN 1125) or 3400 mm; non-handed. Can be unlocked electrically via electric strike. All products of the PHA 2000 series carry the CE mark.	
	**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	35014 21011001
	☐ black	35014 21011002
	☐ white	35014 21011010
	**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	35014 21021001
	☐ black	35014 21021002
	☐ white	35014 21021010
	☐ stainless steel finish	35014 21021004
	**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
	☐ red	35014 21050002
	☐ black	35014 21050019
	☐ white	35014 21050010
	☐ stainless steel finish	35014 21050004

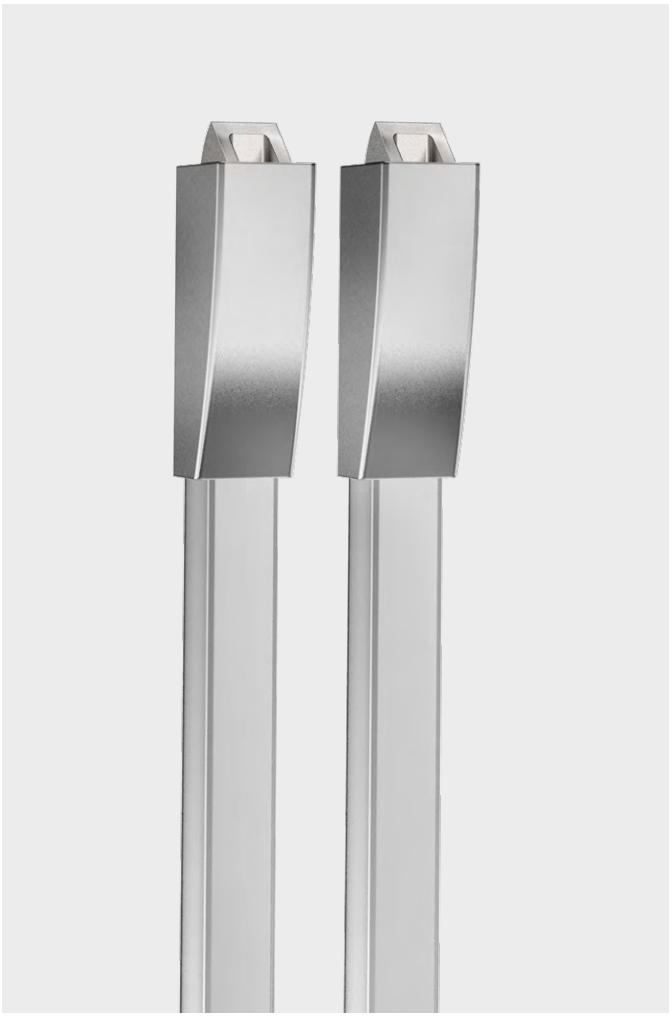
See page 32 for accessories such as adjustable keepers, electric strikes or micro switches for signal actuation.

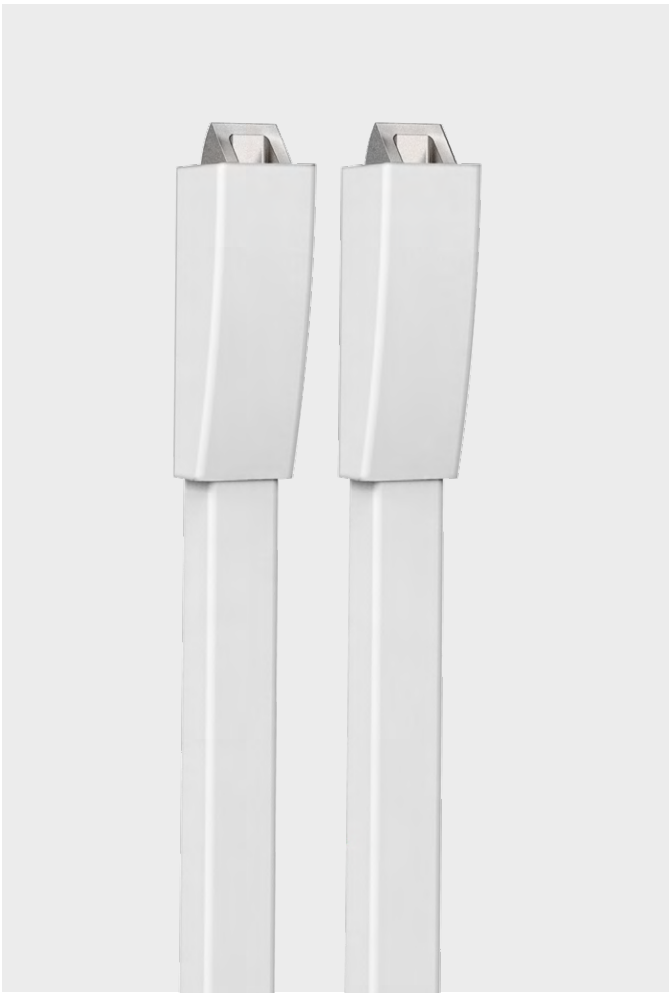
PHB 3000

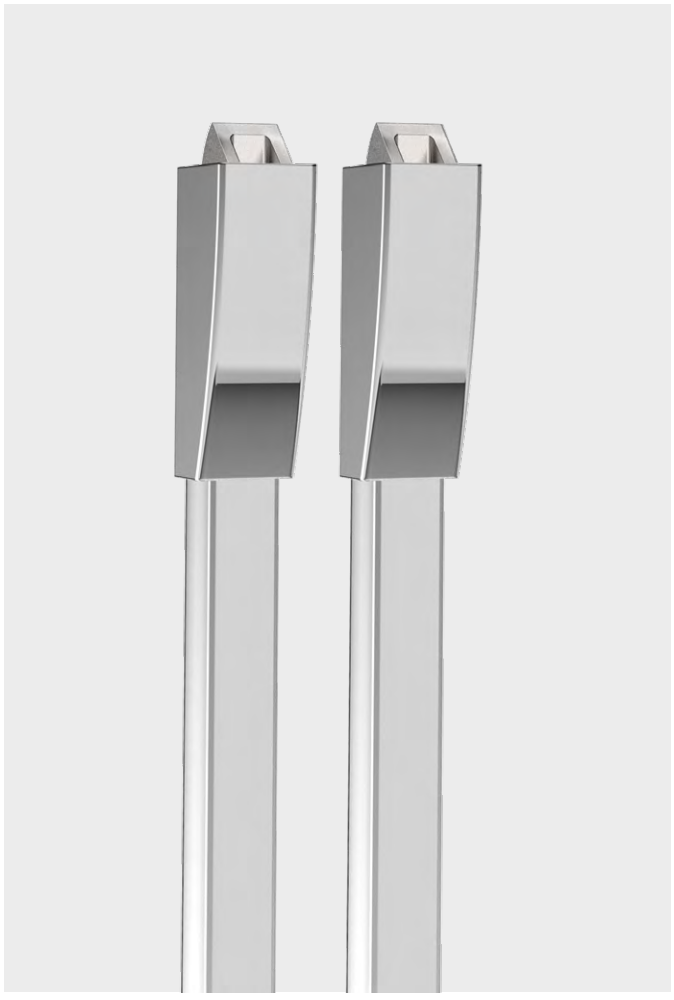
	Specification text	Order No.
	PHA 3000 Panic exit device tested in accordance with EN 1125, for door widths up to 1300 mm, door heights up to 2270 mm (in accordance with EN 1125) or 3400 mm, non-handed. Can be unlocked electrically via electric strike. All products of the PHB 3000 series carry the CE 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	35014 31011001
	☐ white	35014 31011010
	**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** 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	35014 31041001
	☐ white	35014 31041010
	☐ stainless steel finish	35014 31041004
	**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 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 ☐ black ☐ white	 35014 22021001 35014 22021002 35014 22021010
	**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	 35014 22031001 35014 22031002 35014 22031010 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 ☐ black ☐ white	 35014 22061001 35014 22061002 35014 22061010
	**PHX 07** F 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 ☐ black ☐ white ☐ stainless steel finish	 35014 22071001 35014 22071002 35014 22071010 35014 22071004
	**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	 35014 22041001 35014 22041002 35014 22041010 35014 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 ☐ white ☐ stainless steel finish	 35014 22051001 35014 22051002 35014 22051010 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

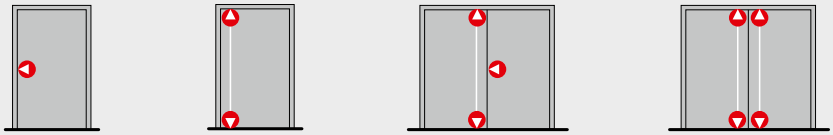
For the architect/specifier
- High-quality appearance with no visible fixings
- Connecting rods with metal covers
- External fitting with dormakaba lever handle or knob

For the user
- Simple operation
- Excellent quality ensures long lifespan

Data and features		**Exit Pad**[1)]	
		1-point	2-point
Standard doors (single-leaf/double-leaf)		●	●
Fire and smoke check doors (single-leaf/double-leaf) F		●	●
Glass doors		●	●
Door width	≤ 1.300 mm	●	–
Door height	≤ 2.270 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 thicknesses of 60 – 105 mm		○	○
Approved to EN 179		●	●
CE mark for construction products		●	●

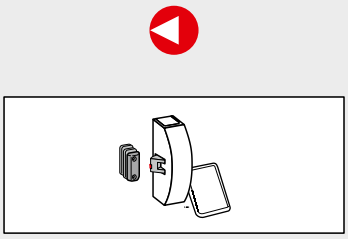
● Yes – No ○ Option

[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).

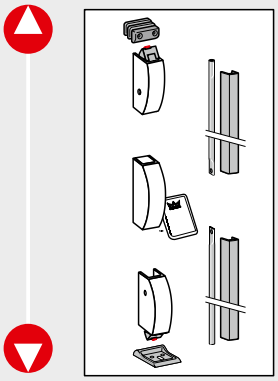


Exit Pad

Single-point locking

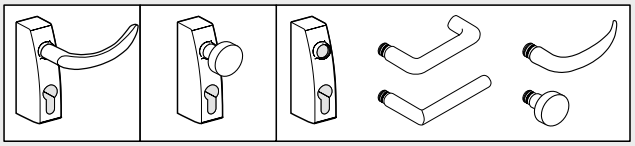


Two-point locking

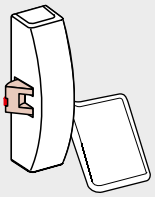


+

PHT



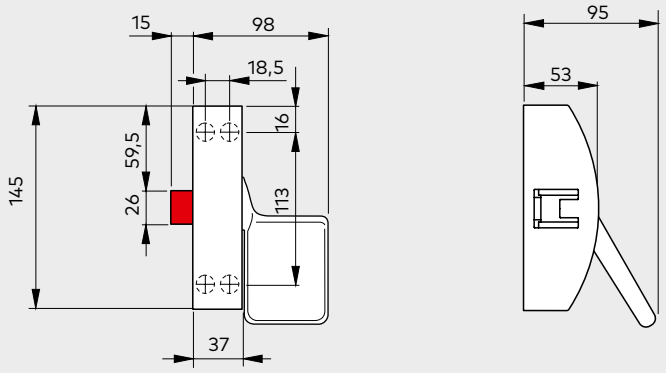
Security anti-thrust latch



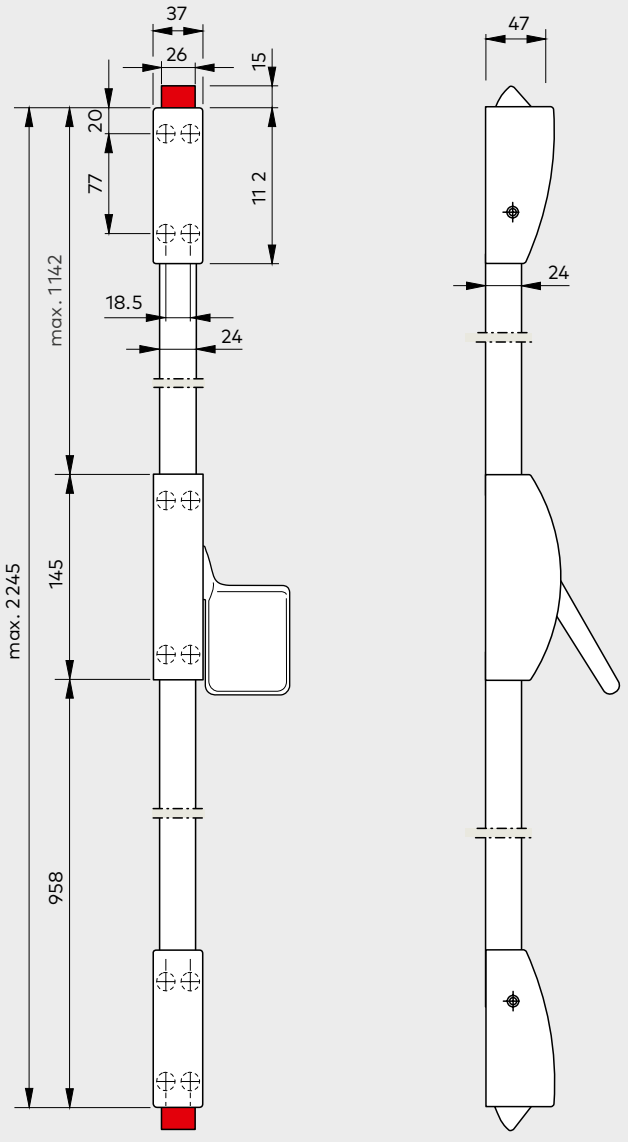
The security anti-thrust latch prevents the latch from being pushed back by unauthorised means when it is in the closed position.

Exit Pad

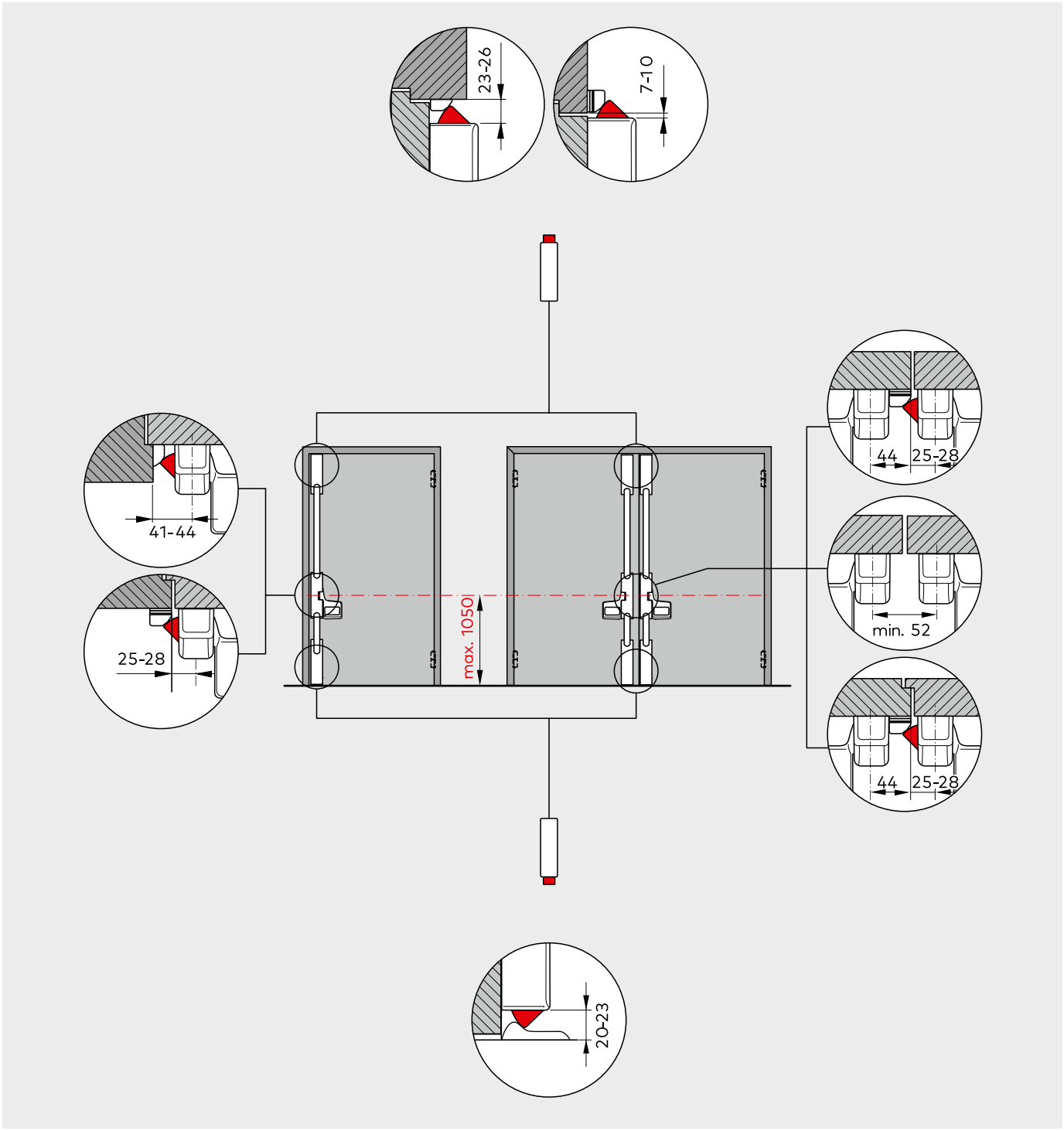
Single-point locking

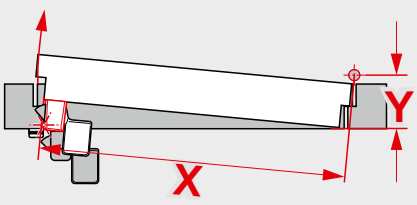


Two-point locking

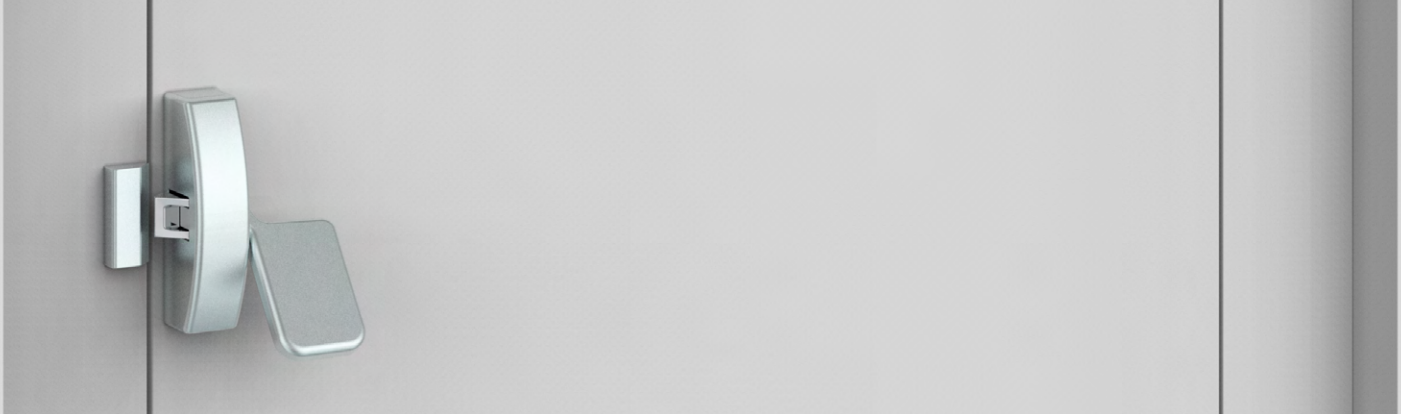


Applications and fixing details

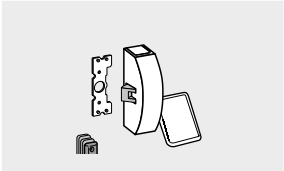
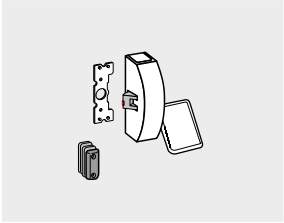
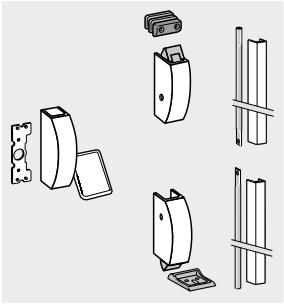
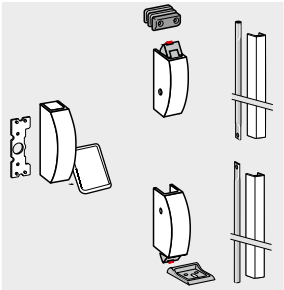


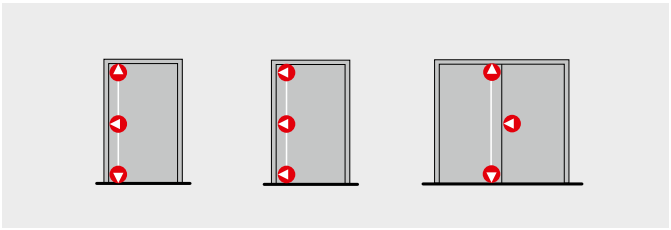


Note
It may be the case that the exit device cannot be installed based on standard measurements where the door situation is extreme, e.g. with a door width X < 1000 mm combined with a hinge offset Y > 90 mm. dormakaba will be glad to provide you with installation suggestions on request.

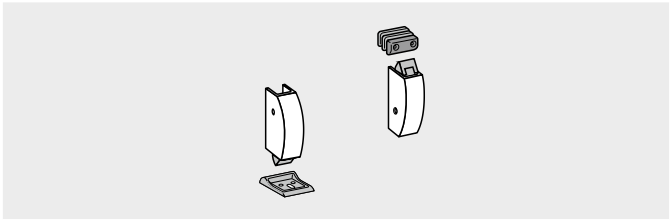


Exit Pad

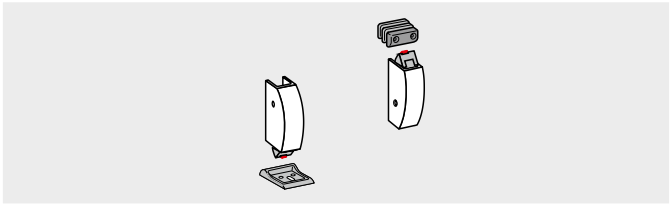
	Specification text	Order No.
	Exit Pad Emergency exit device tested and approved to EN 179, non-handed. Can be unlocked electrically via electric strike. All products of the Exit Pad series carry the CE mark of conformity.	
	**Exit Pad** Single-point locking, modular, for all standard doors, without security anti-thrust latch. Zinc die-cast latch, zinc latch keeper, with spacer plates, plastic mounting bracket. ☐ silver finish	35014 21111001
	**Exit Pad F** 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 ☐ white ☐ stainless steel finish	35014 21121001 35014 21121010 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** 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. ☐ silver finish ☐ white ☐ stainless steel finish	35014 22121001 35014 22121010 35014 22121004



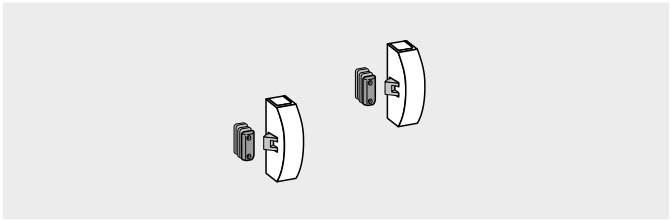
Note
To achieve three-point locking, the modular single-point locking Exit Pad can be used in conjunction with the components of the PHA 2000/ PHB 3000 series.



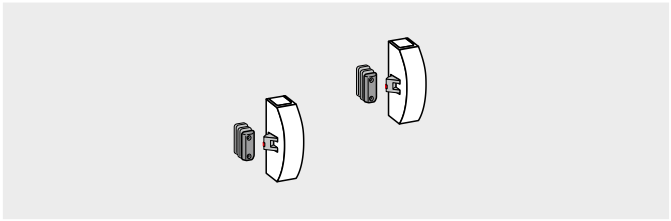
PHX 02



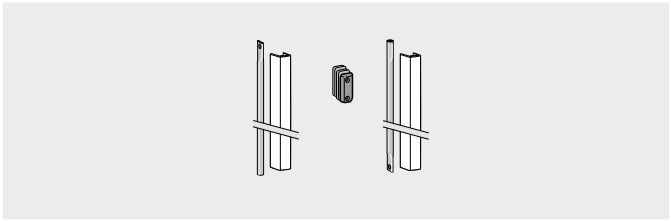
PHX 03



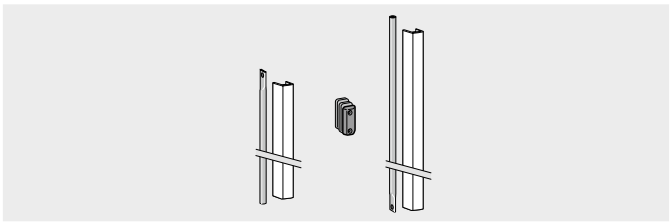
PHX 06



PHX 07



PHX 04

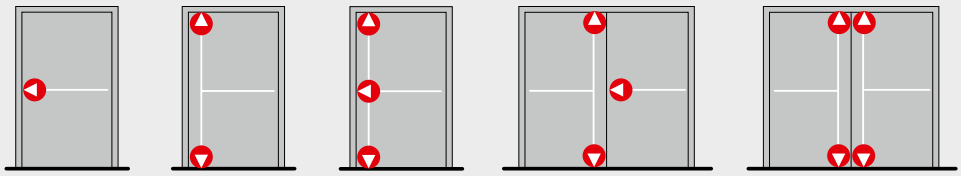


PHX 05

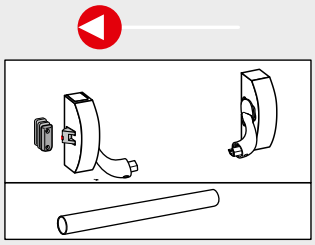
Glass Kit

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

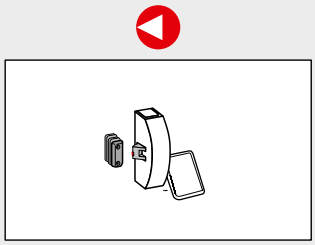
- For doors in all glass or framed assemblies.
- For single and double doors.
- Single or multi-point Locking.
- Suitable for combination with external glass door mini-fittings.
- For 8 to 10 mm toughened safety glass (single panel).
- Maximum leaf width: 1,300 mm.
- Maximum leaf height: 2,500 mm.
-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

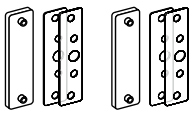
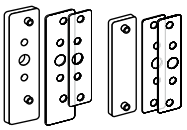


PHA 2000
single-point locking

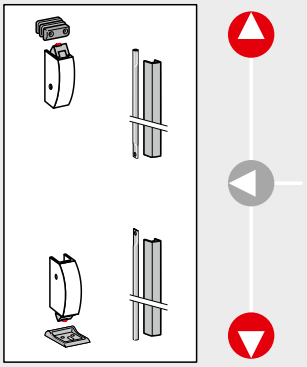


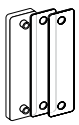
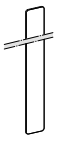
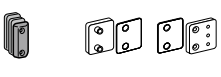
Exit Pad
single-point locking



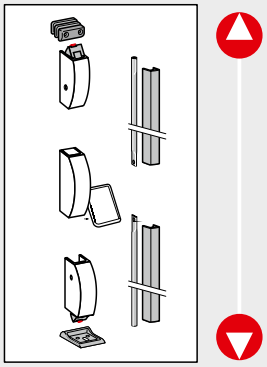
without external fitting	Glass Kit A 
PHT Mini	Glass Kit B (DIN-L) Glass Kit C (DIN-R) 

2/3-point locking

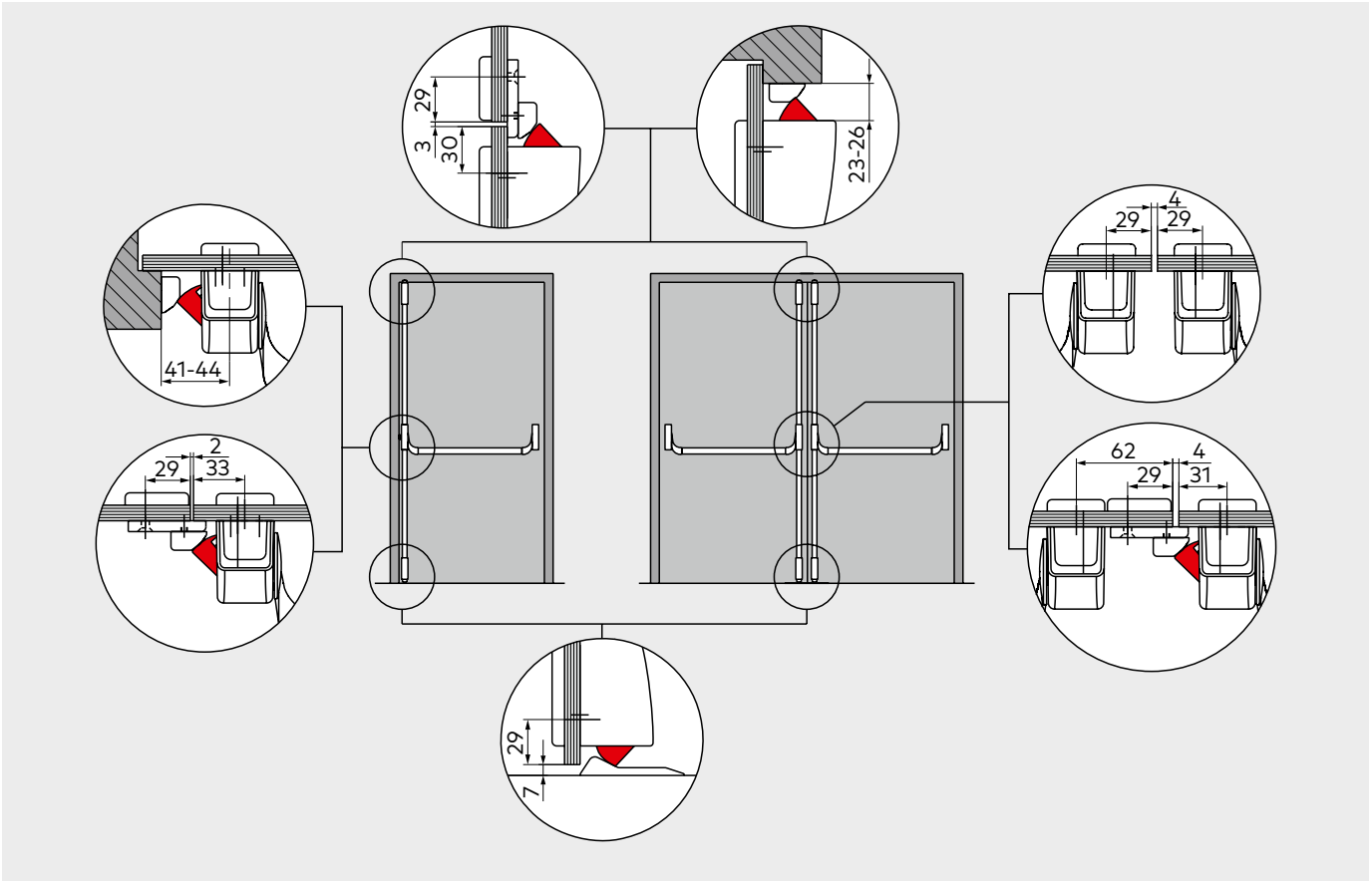


Glass Kit D 	Glass Kit E 
Glass Kit F 	

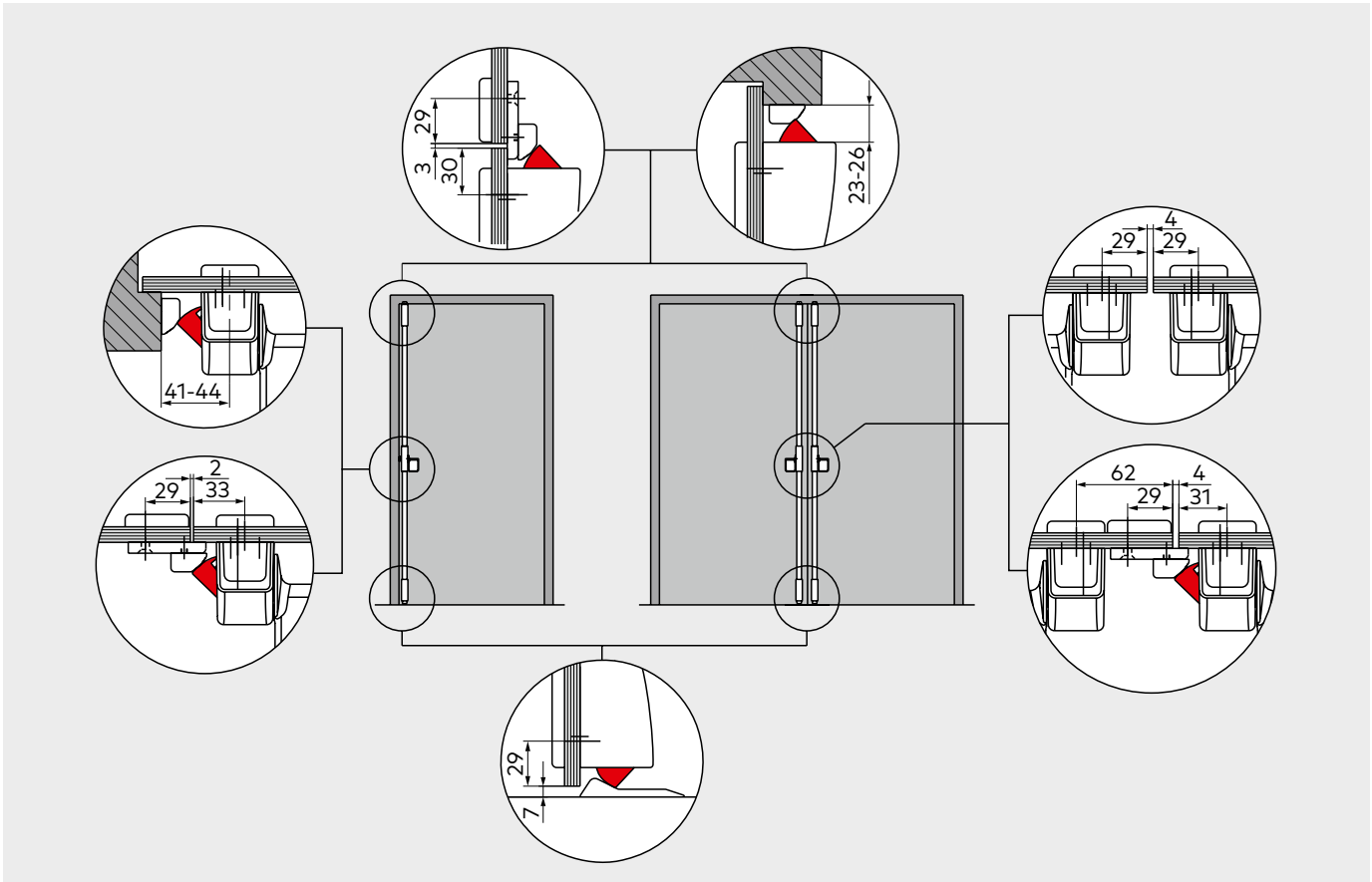
2-point locking



PHA 2000 on glass doors

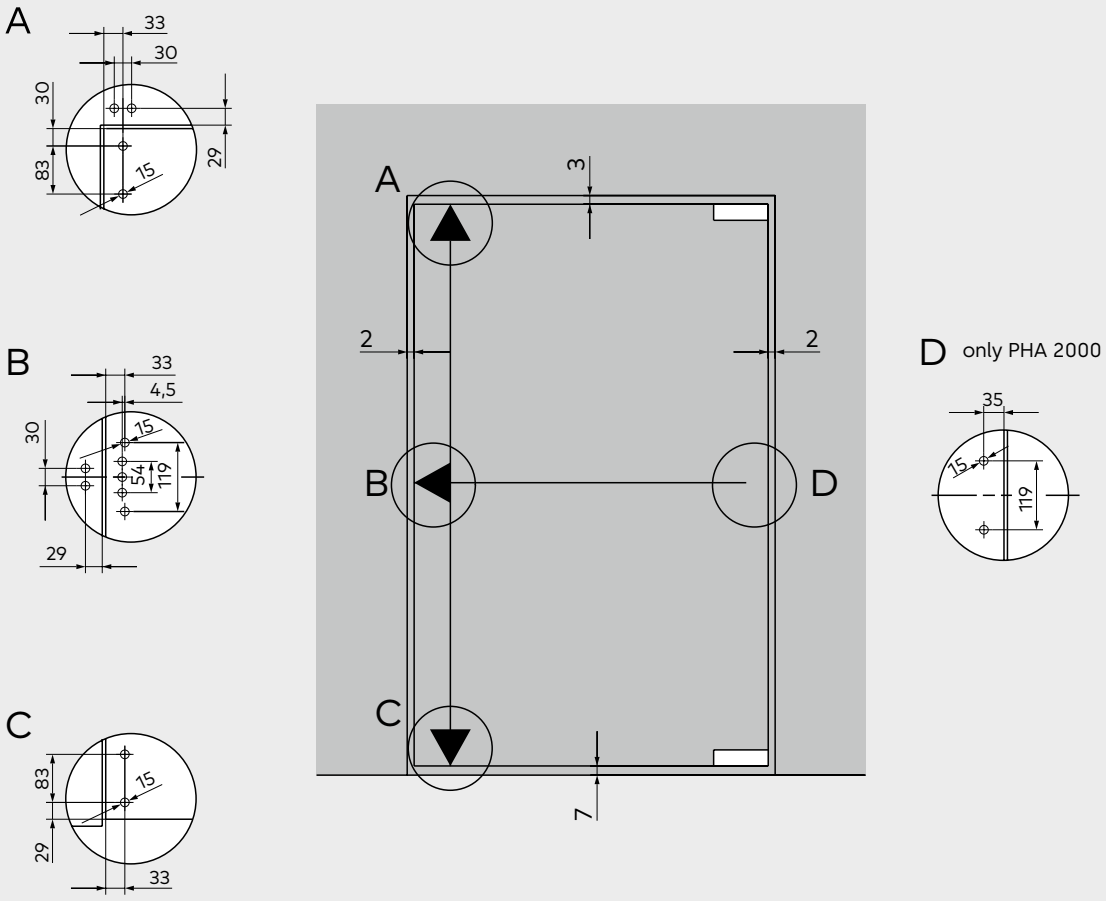


Exit Pad on glass doors

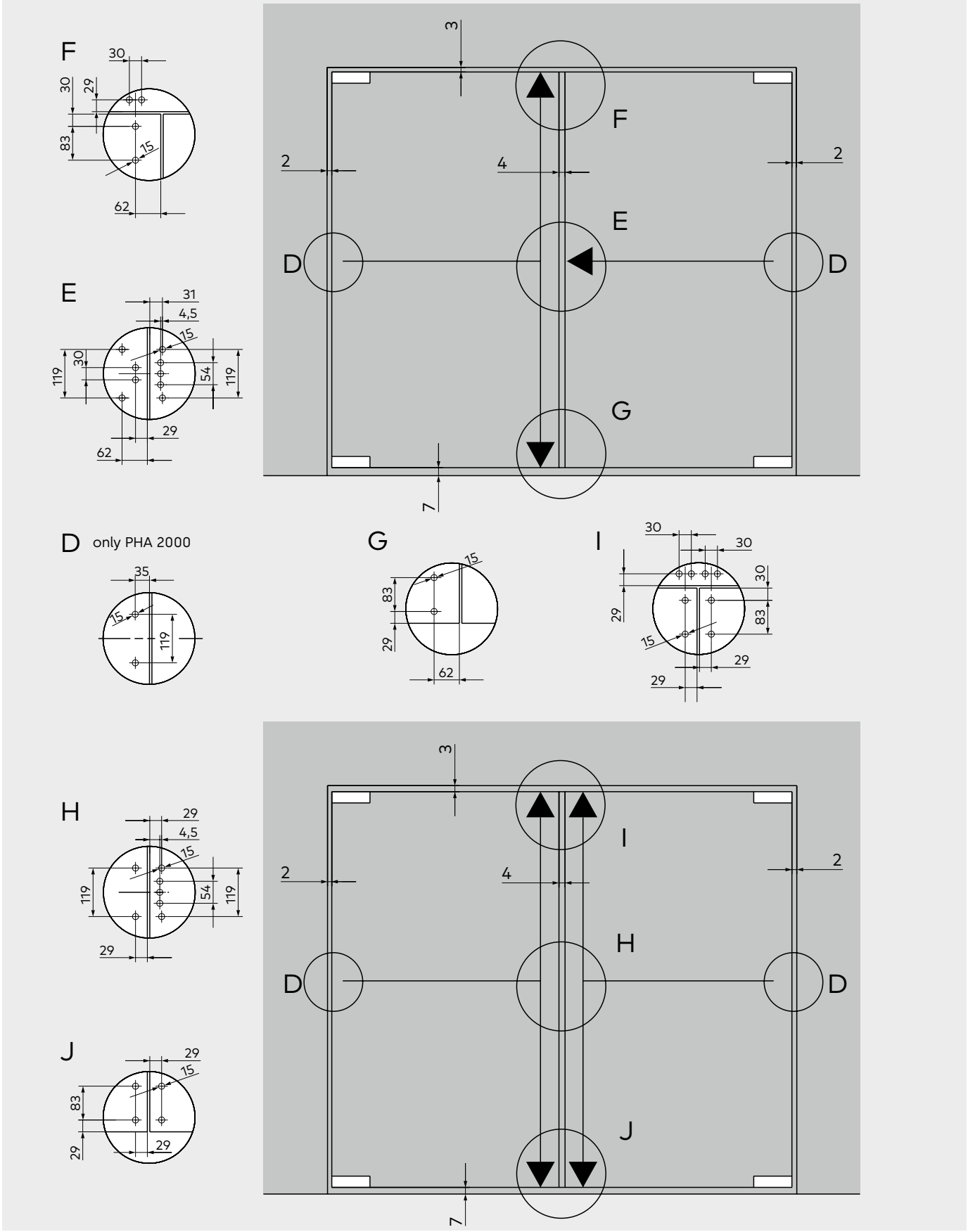


Glass Kit

PHA 2000 / Exit Pad on single leaf all glass doors

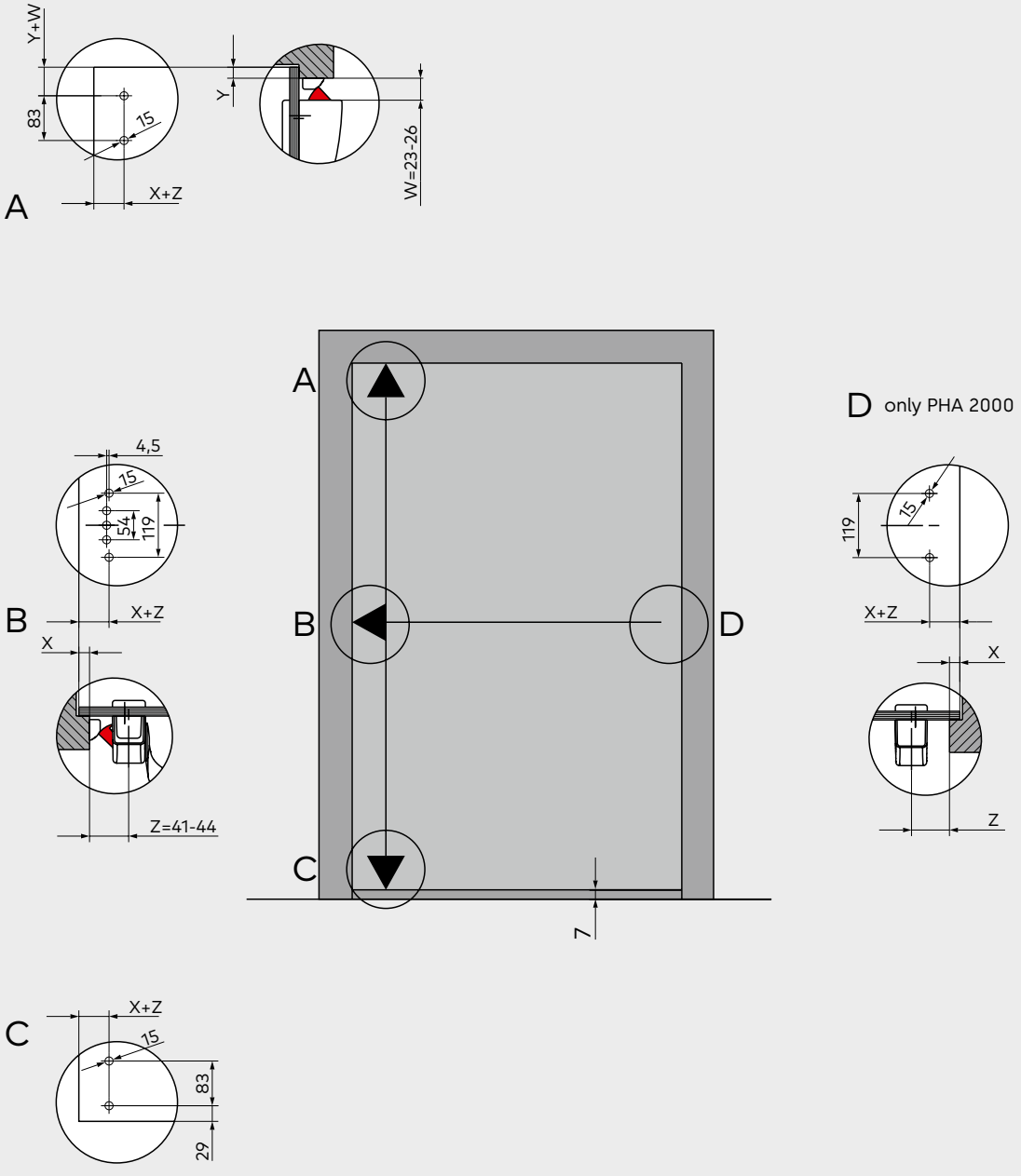


PHA 2000 / Exit Pad on double leaf all glass doors

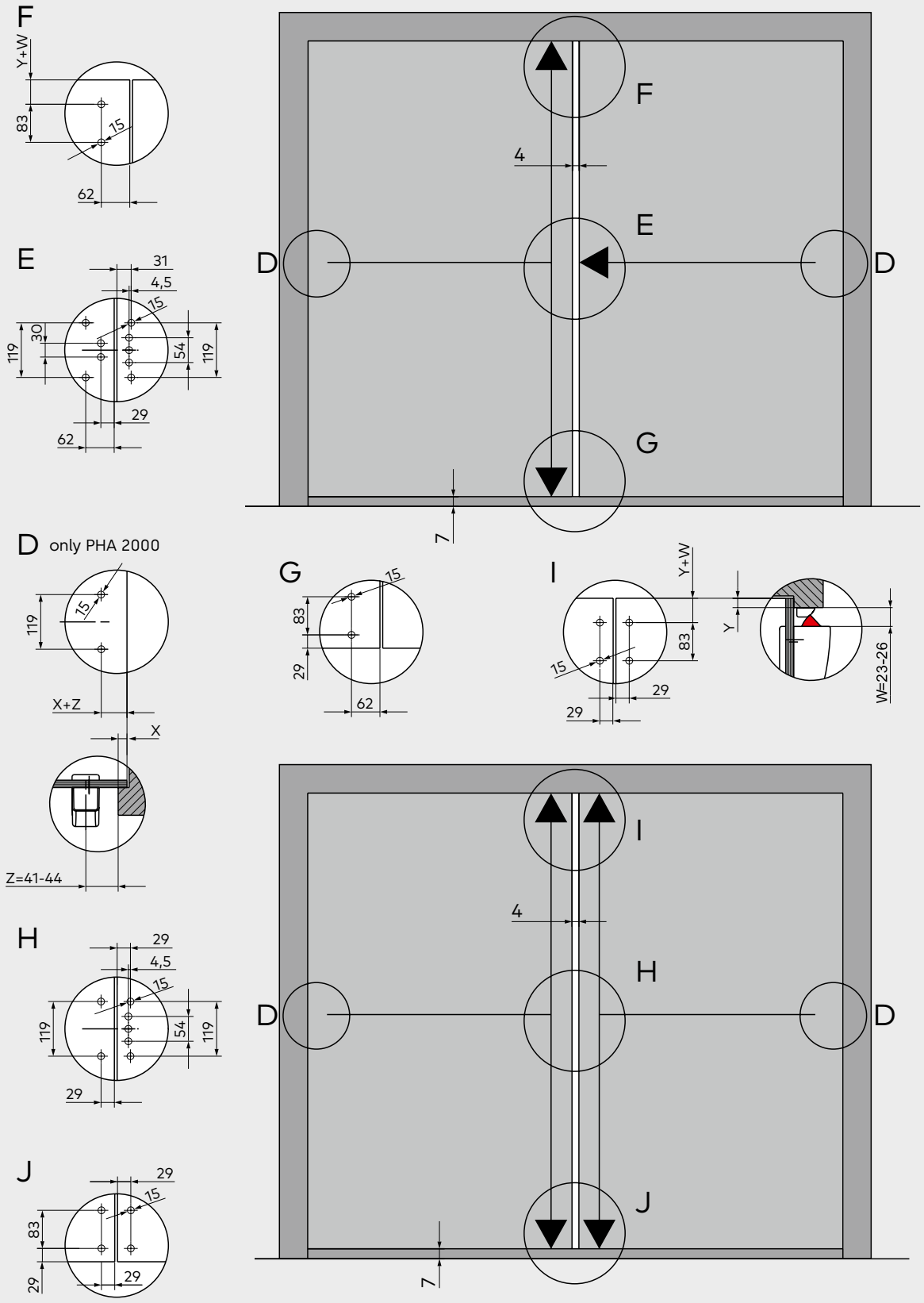


Glass Kit

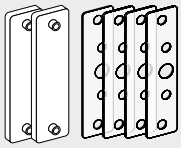
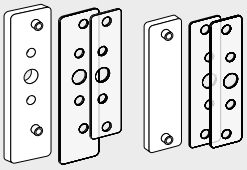
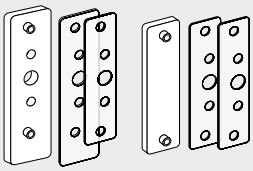
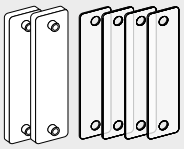
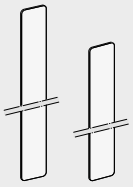
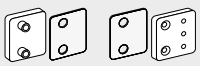
PHA 2000 / Exit Pad on single leaf glass doors with frame



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

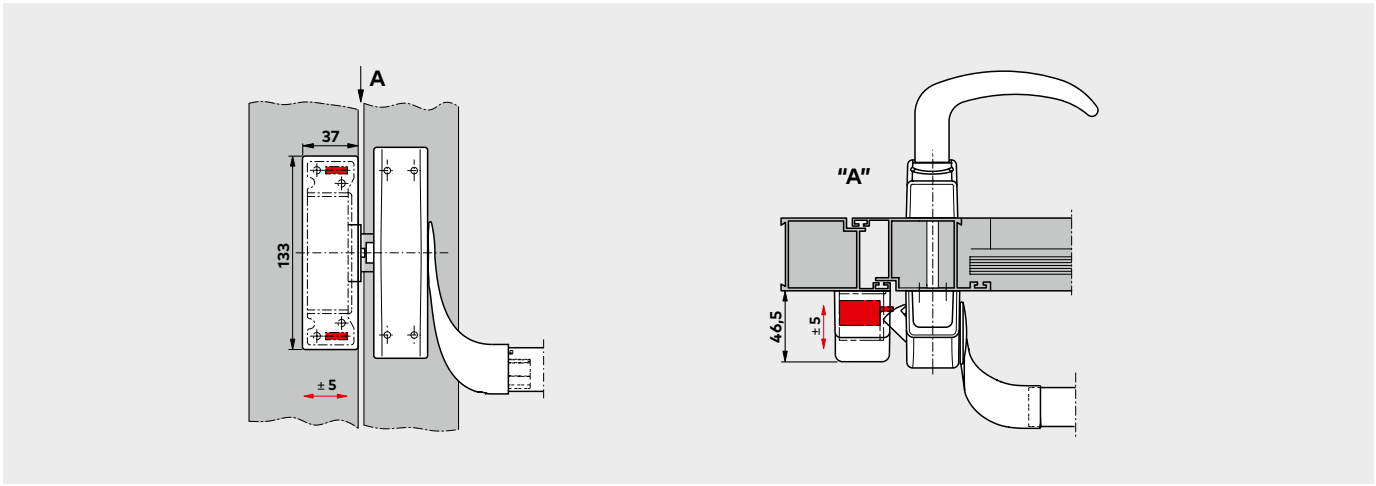


Glass Kit

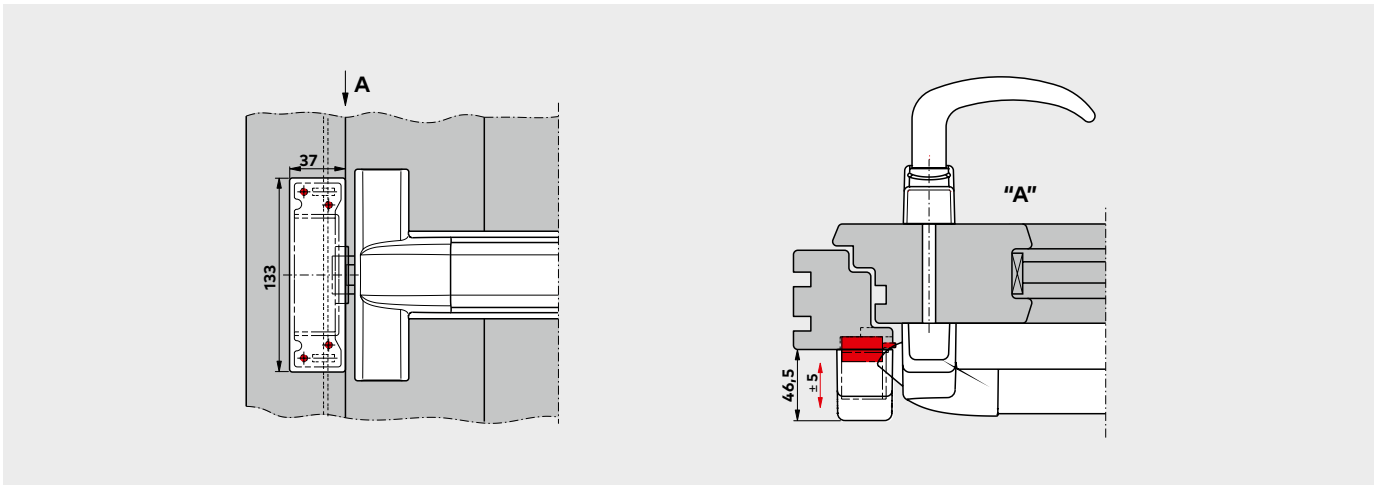
	Specification text	Order No.
	**PHA Glass Kit A** Installation set for PHA 2000, Single-point locking, without external fitting. Stainless steel finish	35014 24011004
	**PHA Glass Kit B** Installation set for LH (ISO 6), for PHA 2000, Single-point locking, with external fitting. Stainless steel finish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

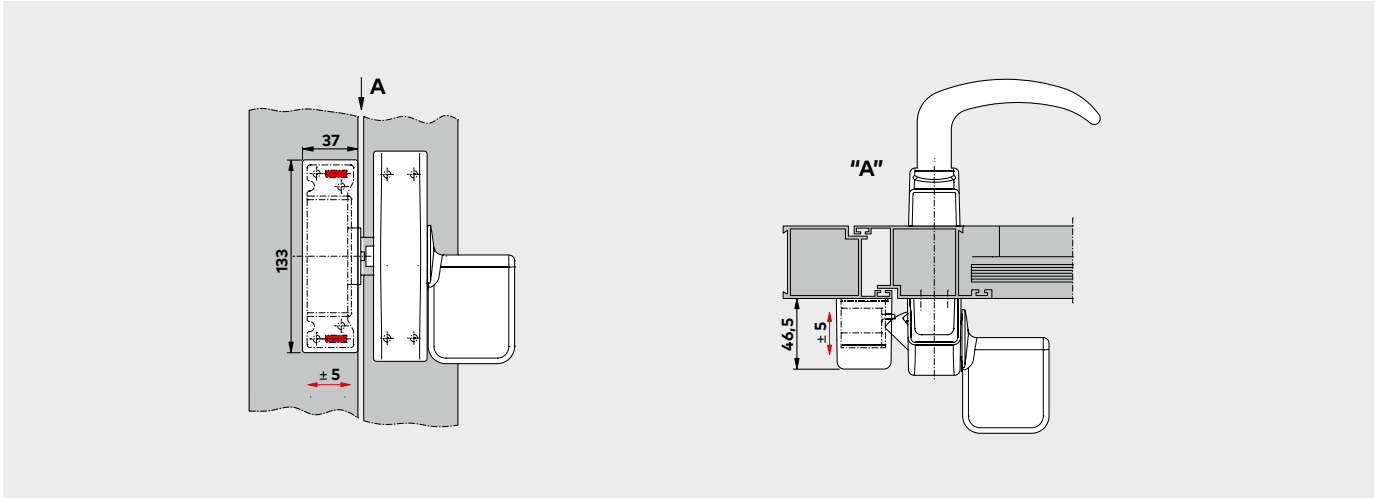
PHX 50 – Electric Strike



Application example for PHX 50 with PHA 2000 on an aluminium framed door

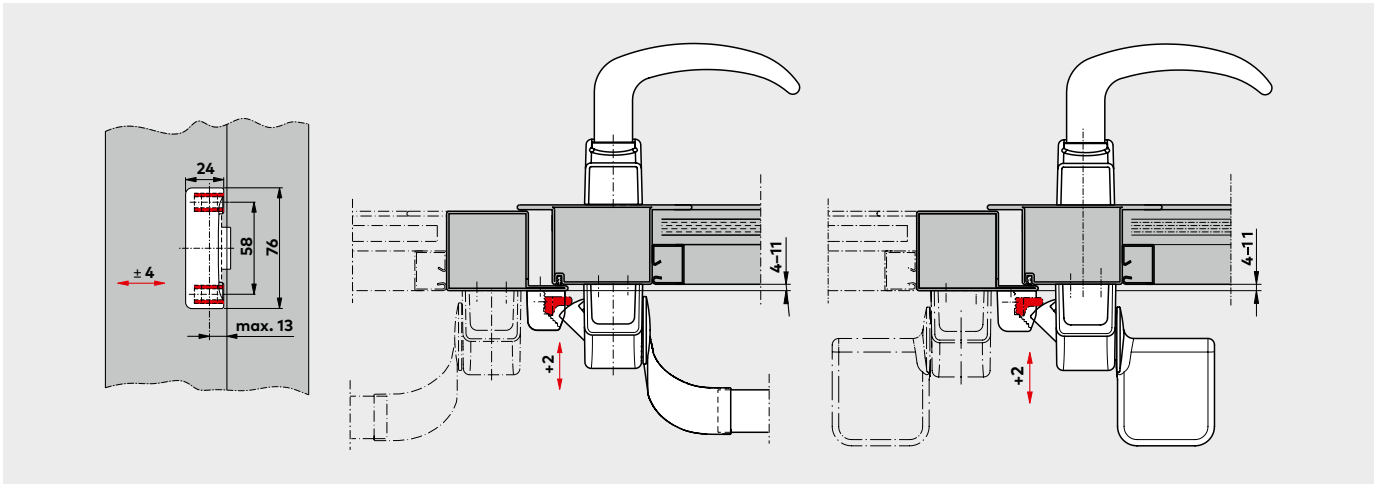


Application example for PHX 50 with PHB 3000 on a wooden door

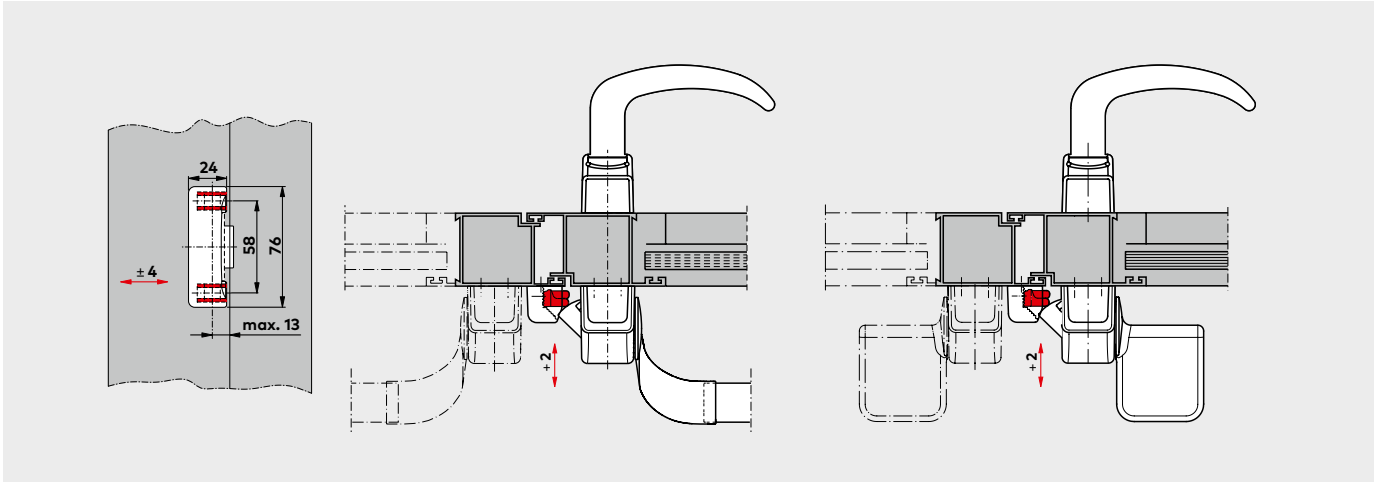


Application example for PHX 50 with Exit Pad on an aluminium framed door

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

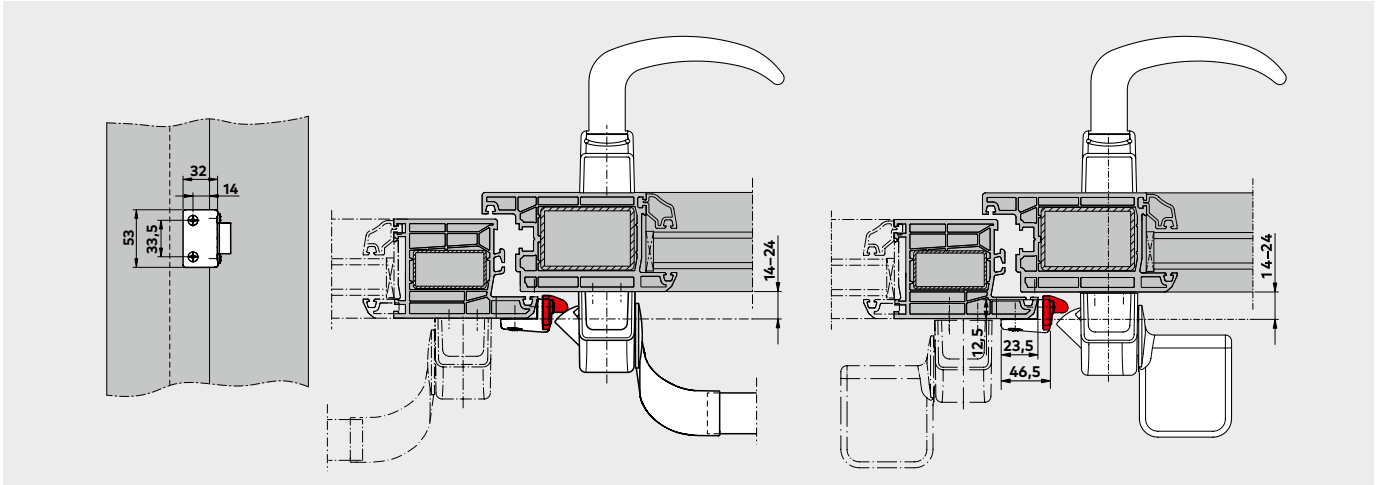


Application example of a PHX 21 on an over-rebated door, universal applicability for single-leaf and double-leaf doors



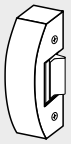
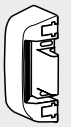
Application example of a PHX 21 on a door with flush meeting stiles, universal applicability for single-leaf and double-leaf

PHX 22 – Adjustable Latch Keeper for PVC Profile Doors



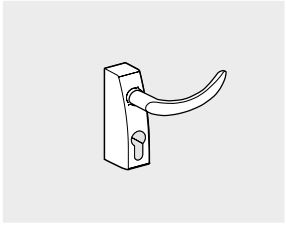
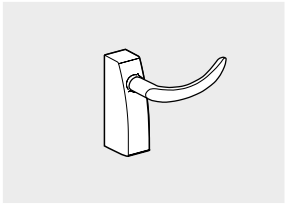
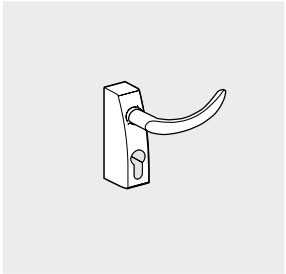
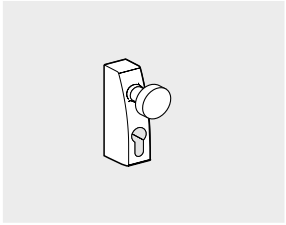
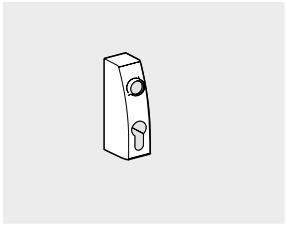
Application example of a PHX 22 on an over-rebated door, universal applicability for single-leaf and double-leaf doors

Accessories

	Specification text	Order No.
	**PHX 50 Electric Strike** In combination with PHA/PHB for use on standard doors with a rebate overlap of up to 24 mm. Zinc die-cast latch engaging device. 12 V AC, 50 Hz, 15 W	
	☐ silver finish	35014 24501001
	☐ black	35014 24501002
	☐ white	35014 24501010
	☐ stainless steel finish	35014 24501004
	**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	35014 24210101
	☐ black	35014 24210102
	☐ white	35014 24210110
	☐ 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)	
	☐ silver finish	35014 24220101
	☐ black	35014 24220102
	☐ white	35014 24220110
	☐ stainless steel finish	35014 24220104
	PHA Microswitch For actuation of visual or audible signals. Contact rating: max. 48 V DC, max. 3 A	35014 25200060
	PHB Microswitch For actuation of visual or audible signals. Contact rating: max. 48 V DC, max. 3 A	35014 35201061

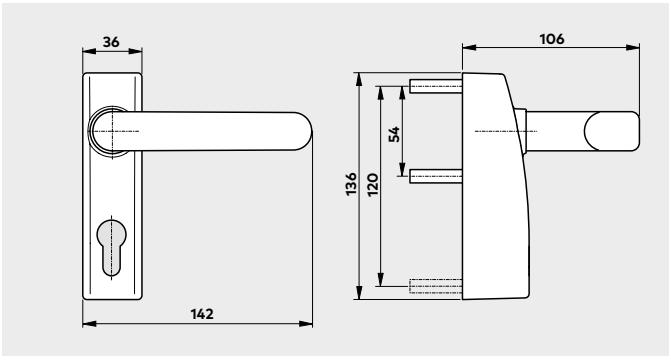
	Specification text	Order No.
	PHX Mounting Backplate Steel, galvanised (in packs of 10) for factory pre-installation to simplify field installation	35014 25200050
	PHX Mounting Backplate Steel, galvanised (in packs of 10) for factory pre-installation to simplify field installation	35014 25200051

PHT External fitting

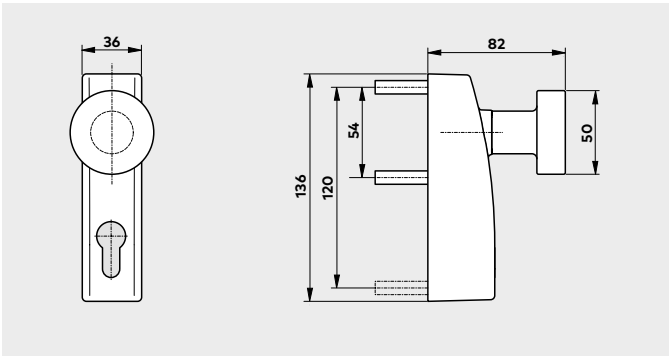
	Specification text	Order No.
	PHT External fitting with lever handle or knob, suitable for use with PHA 2000 and PHB 3000. All PHT external fittings and non-handed and carry the CE mark.	
	**PHT 01** External fitting with lever handle, for standard doors with a leaf thickness of up to 60 mm, prepared 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	35014 39031001
	☐ black	35014 39031002
	☐ white	35014 39031010
	**PHT 05** F 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 06** 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** F 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
	F Gasket Set For external fitting and PHA / PHB exit devices fixed to fire and smoke check doors.	35014 39200060
	TL-Z 03 Single Europrofile cylinder with 3 keys, for PHT 01, 05, 06, 07	35000 000003

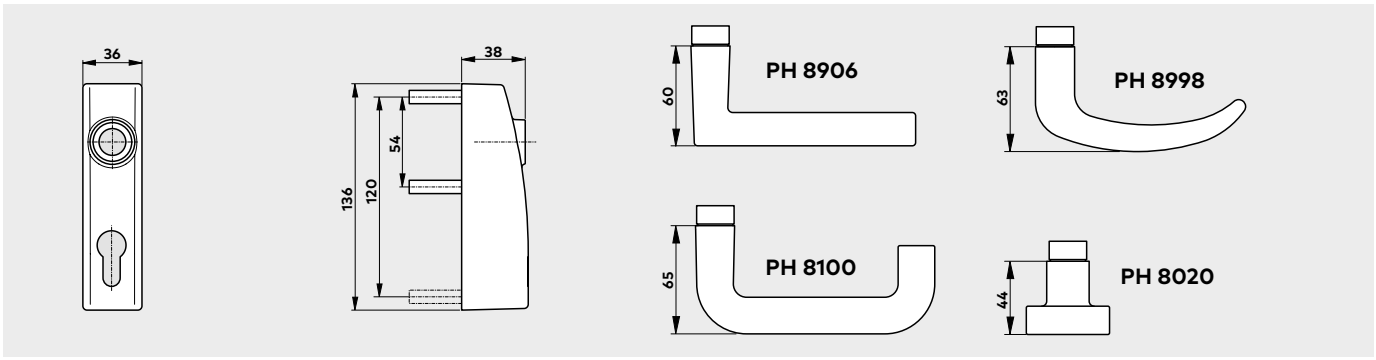
PHT – External Fitting



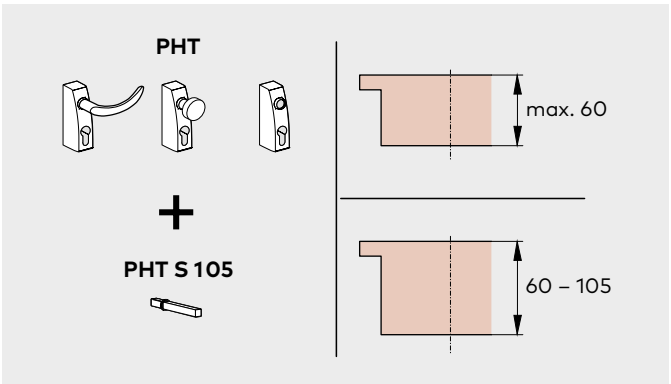
PHT 03, 05 F – External fitting with lever handle



PHT 06 – External fitting with knob



PHT 07 F – 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.

Our Sustainability Commitment

We are committed to foster a sustainable development along our entire value chain in line with our economic, environmental and social responsibilities toward current and future generations. Sustainability at product level is an important, future-oriented approach in the field of construction. In order to give quantified disclosures of a product's environmental impact through its entire life cycle, dormakaba provides Environmental Product Declarations (EPD), based on holistic life cycle assessments.

www.dormakaba.com/sustainability

Our offering

Access Automation Solutions

Entrance Automation
Entrance Security

Access Control Solutions

Electronic Access & Data
Escape and Rescue Systems
Lodging Systems

Access Hardware Solutions

Door Closers
Architectural Hardware
Mechanical Key Systems

Services

Technical Support
Installation and commissioning
Maintenance and Repair

WN 05350251532, 07/2025
Subject to technical changes.

dormakaba.com

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