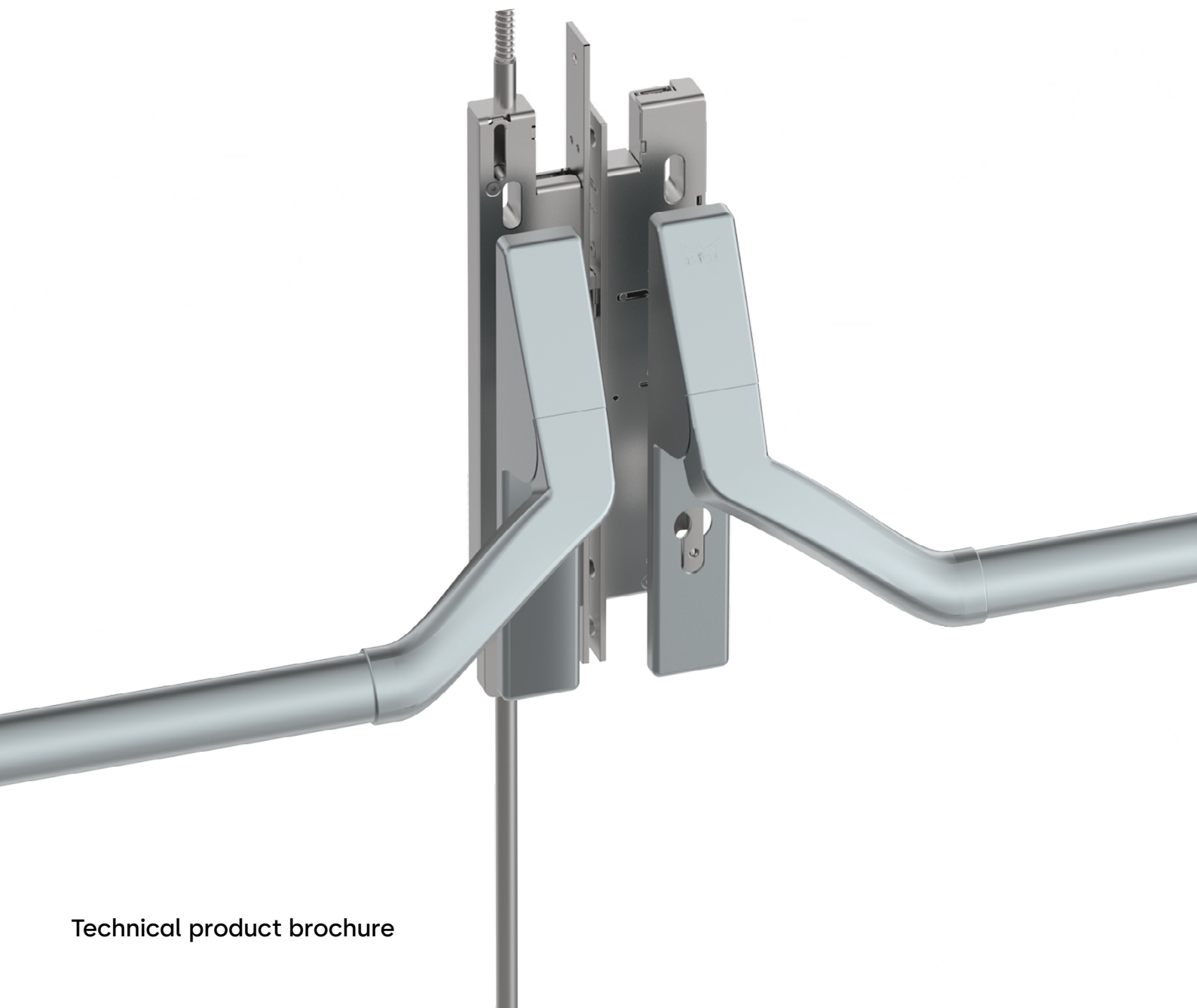


PHA 2500

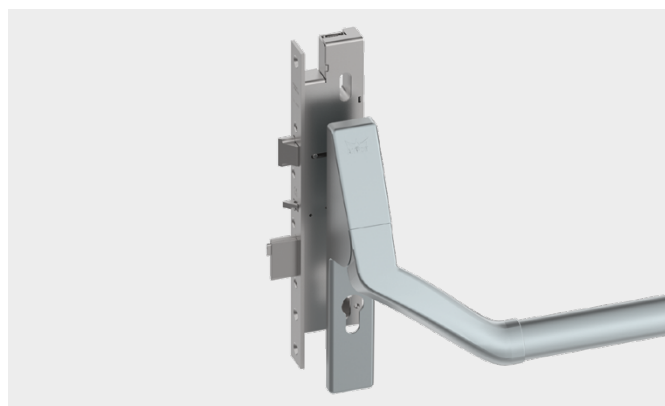
Panic hardware for narrow stile doors



PHA 2500 Panic Hardware system

A suitable solution for every demand:
Fitting system for single- and double-leaf
narrow stile doors in escape routes

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	Data and features 5
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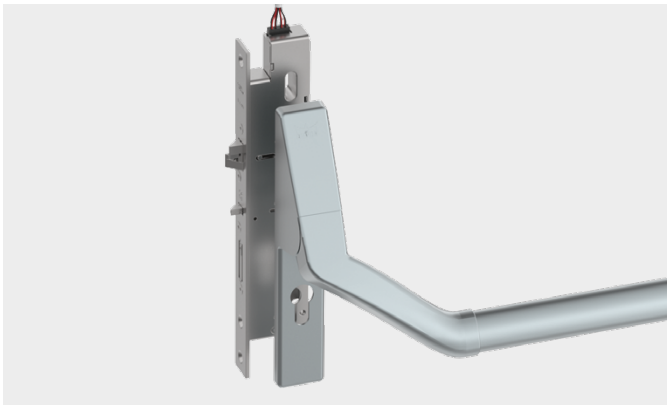
Easy and safe compliance with the regulatory requirements of EN 1125: Complete packages comprising panic fitting and mechanical lock variants E, D, B

- Coordinated components as complete packages
- Function E (transmission function): panic exit function inside, key operation required outside
- Function D (transit function): door can be permanently unlocked
- Function B (change-over function): panic exit function inside, lever operation on release outside
- Solution for 1-leaf and 2-leaf door systems, with or without extension rod for multi-point locking systems, with or without electric strike

For more information, see chapter "Complete packages PHA 2500 Panic Hardware System" from page 4.

F Certificate of suitability

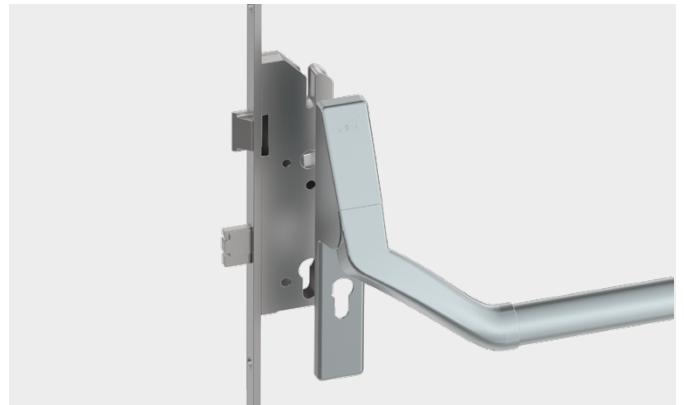
The panic exit devices in the PHA 2500 series are tested and certified to EN 1125. All products comply with the requirements of Annex ZA to EN 1125 and thus qualify to carry the CE mark of conformity. Additional certificate of suitability of the relevant fire and smoke check doors may be necessary – check local regulations.



For more complex access requirements: Self-locking, mechanical, electronic or motorised lock and panic fitting

- Individual configuration of coordinated components
- Mechanical panic mortise locks for standard escape routes
- Electronic panic mortise locks for monitoring or electronic control in combination with an access control system
- Motorised locks, where automated locking and unlocking is required, e.g. for automatic doors
- One PHA 2500 panic fitting and a SVP lock are required for 1-leaf door systems
- Two PHA 2500 panic fittings and a combination of SVA lock for the active leaf and SVI lock for the inactive leaf are required for 2-leaf door systems

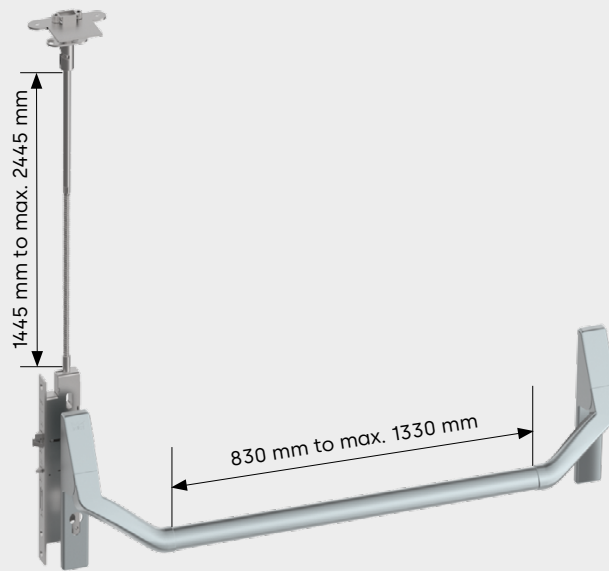
For more information, see chapter "Individual configuration" from page 31.



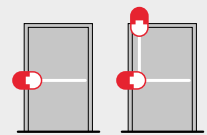
For maximum safety requirements: Multi-point locking system and panic fitting

- Individual configuration of coordinated components
- Multiple locking points for maximum resistance
- M-SVP lock available in mechanical, electronic or motorised versions
- One PHA 2500 panic fitting and a M-SVP lock are required for 1-leaf door systems
- Two PHA 2500 panic fittings and a M-SVP lock for 2-leaf door systems as well as a M-SVP-GK are required for 2-leaf door systems.

For more information, see chapter "Customised M-SVP combinations" from page 36.



Optional extension rod at top



Complete packages PHA 2500 Panic Hardware System for 1-leaf and 2-leaf doors

The packages are configured with panic fittings, coordinated mortise lock and matching spindle. For 2-leaf door systems, the packages can be complemented with extension rods for multi-point locking systems. All door fittings certified as compliant with EN 1906-C1 and DIN 18273, e.g. from the four+ fitting series, are permitted for use as external fittings.

The benefits at a glance

For the trade

- Certified system in one complete pack.
- One actuation touch bar for all door widths.
- Further accessories available for individual applications.

For the fabricator/installer

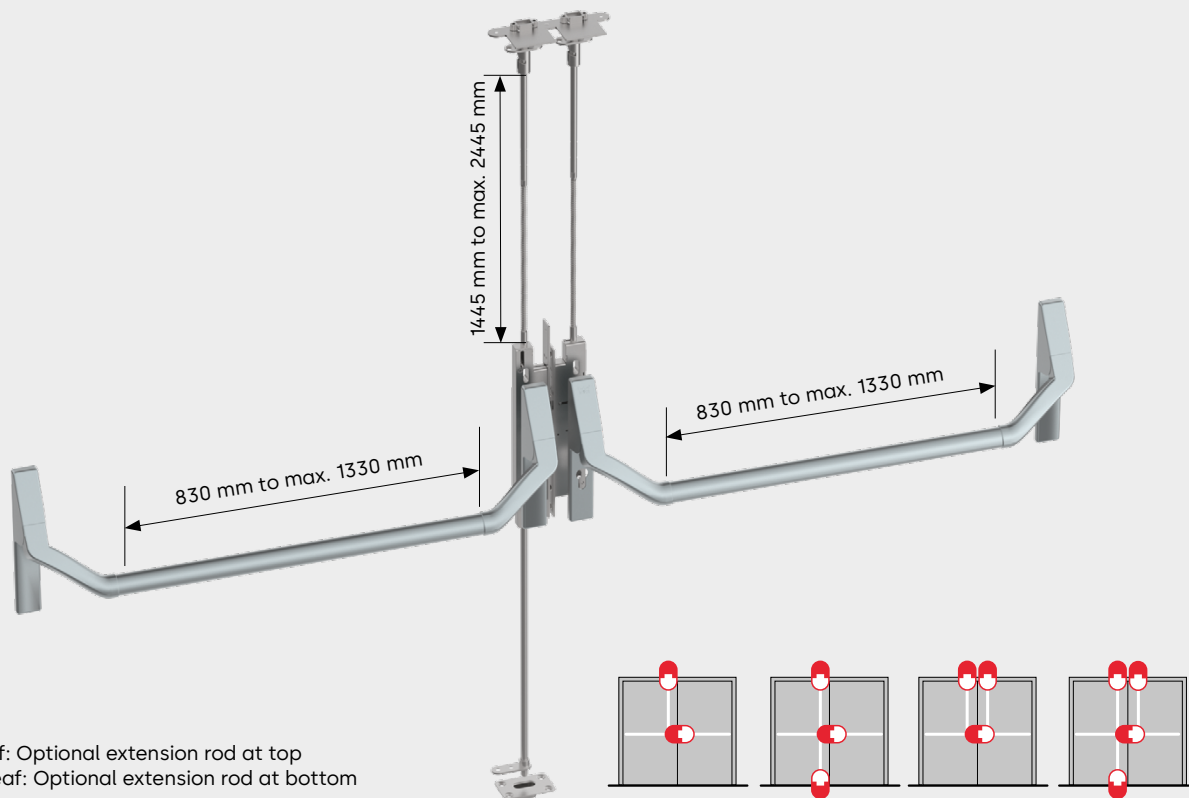
- Full range of expertise from a single source.
- Easy to install.
- Readily adaptable to different door widths and heights.
- Excellent range of accessories.

For the architect/specifier

- High-quality appearance with no visible mounting screws.
- Projection from face according to EN 1125.
- Certified system compliant with Euronorm standard.

For the user

- Optimum safety – even under pre-load, the door can be opened from anywhere across its full width.
- Single-source supply for a full range of customer services.



Data and features complete packages PHA 2500 series

		1-leaf	2-leaf
Standard interior doors in emergency escape routes		●	●
Fire and smoke doors		●	●
Door width ¹⁾	1,000 – 1,500 mm	●	–
	2,000 – 3,000 mm	–	●
Door height ¹⁾	2,500 – 3,500 mm	●	●
Max. door leaf weight in kg ¹⁾		200	200
Version	DIN-R	●	●
	DIN-L	●	●
Standard bar projection ≤ 100 mm		●	●
Anti-panic mortise lock		●	●
Spindle for door thicknesses 40 mm to 103 mm		●	●
Backset (mm)		35/40/45	35/40/45
Distance PC (mm)		92	92
Europrofile cylinder (PC) according to DIN 18252		●	●
Version for dia. 22 mm round locking cylinder ²⁾		○	○
Usage of electronic knob cylinder, PC possible		○	○
Lock function: Transmission (E) / Transit (D) / Change-over (B)		●/●/●	●/●/●
Forend width (mm)		24	24
U forend, 34/39/44 mm backset		○	○
Extension rod with switch lock (active door leaf)		○	○
Extension rod with switch lock (inactive door leaf)		–	●
Electric strike Smoke and Fire 447/448		○	–
Inactive door leaf strike box with drive lock (lower extension rod secured against manipulation)		–	●
Inactive door leaf strike box with electric strike, 10–28 V AC/DC, including feedback contact and connection cable (10 m) with plug connection, 35/40/45/50/55/60/65 mm backset		–	○
Powder-coated silver		●	●
Stainless steel finish		●	●
External fitting from the four+ series		○	○
Tested and certified according to EN 1125:2008		●	●
CE-identification for construction products		●	●
DIN ISO 9001		●	●

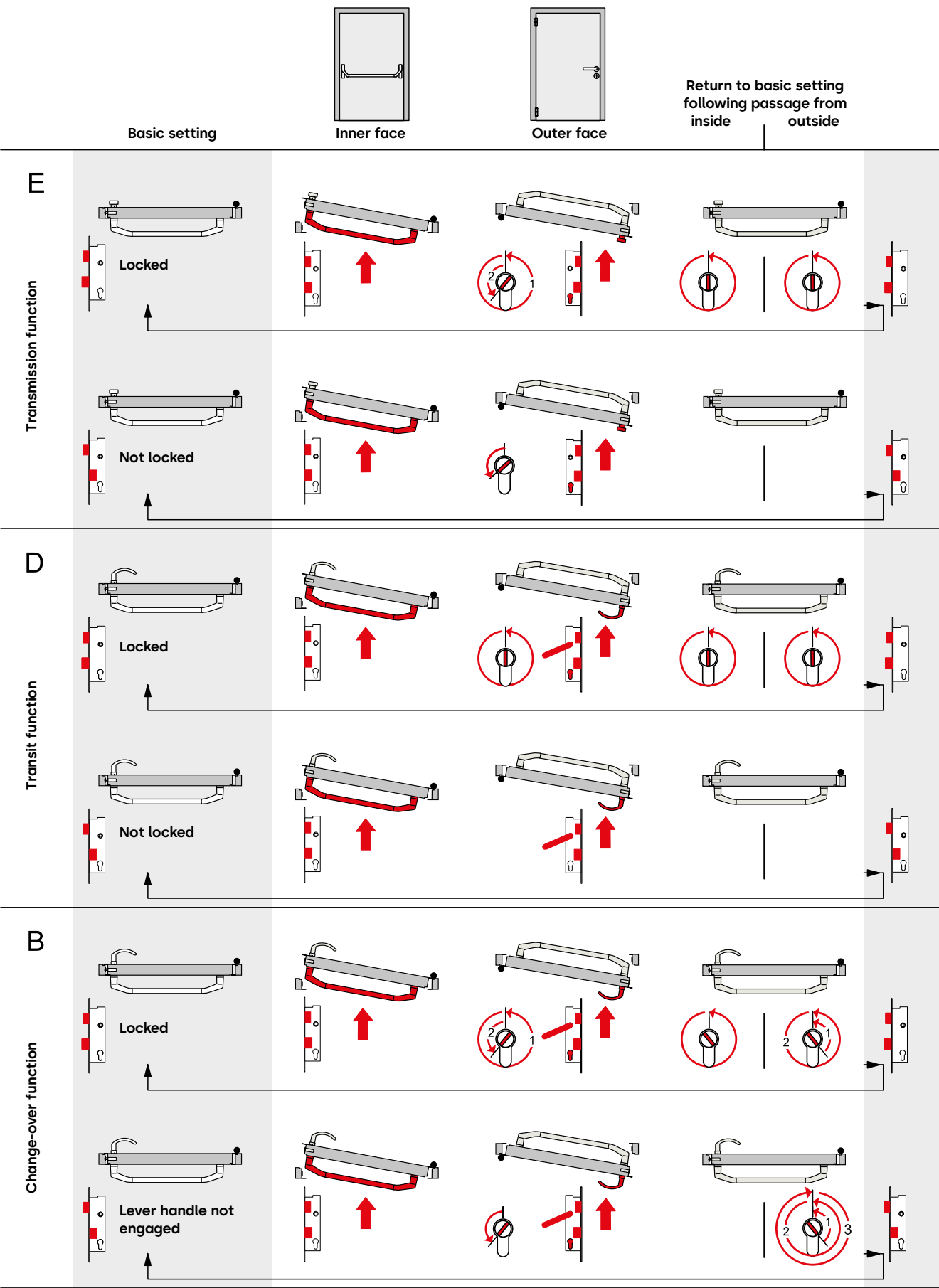
● Yes – No ○ Optional

¹⁾ Maximum door width/door height/weight according to EC certificate of conformity. Corresponding connecting rod/extension rod on request.

²⁾ For use only in combination with SVP and M-SVP.

Complete packages PHA 2500 Panic Hardware System

Lock functions E, D, B



Transmission function E

For doors in which unauthorised opening from the outside must be reliably prevented. Opening of the door from the inside (danger side) is always possible.

In the event of a panic situation, the latch and the engaged bolt are retracted simultaneously by actuating the exit device from the inside. The bolt remains withdrawn and can be locked again using the key.

On the outside is a fixed dead knob. The door can be unlocked and the latch retracted using the key. Locking is always performed with the key.

Transit function D

For doors in which passage from the outside may occasionally be necessary. Opening of the door from the inside (danger side) is always possible. Following panic activation, access from the outside is also automatically enabled.

In the event of a panic situation, the latch and the engaged bolt are retracted simultaneously by actuating the exit device from the inside. After panic unlocking, the bolt remains withdrawn and can be locked again with the key.

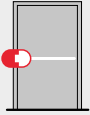
A lever handle is fitted to the outside face. The door can be unlocked and the latch retracted using the lever handle.

Change-over function B

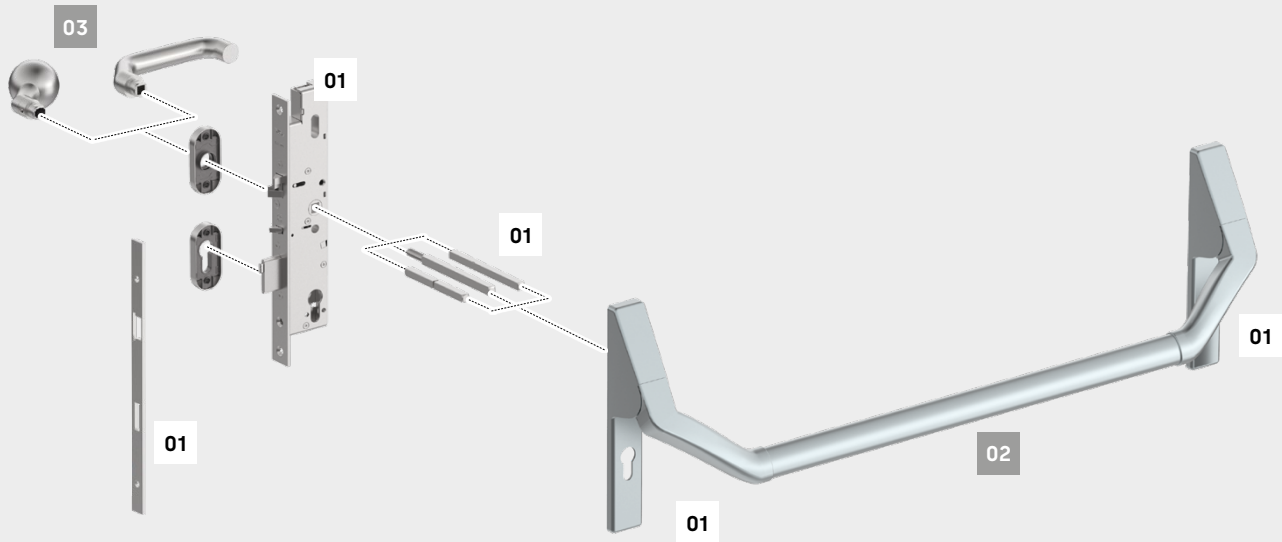
For doors in which passage from the outside may occasionally be necessary. The lever handle on the outside face may be engaged and disengaged. Opening of the door from the inside (danger side) is always possible.

In the event of a panic situation, the latch and the engaged bolt are retracted simultaneously by actuating the exit device from the inside. After panic unlocking, the bolt remains withdrawn and can be locked again with the key.

A lever handle is fitted to the outside face. The key can be used to retract the lock and engage the lever handle which can then be used to retract the latch. The lever handle remains engaged until the key is used to re-lock the door.



Complete packages PHA 2500 Panic Hardware System 1-leaf



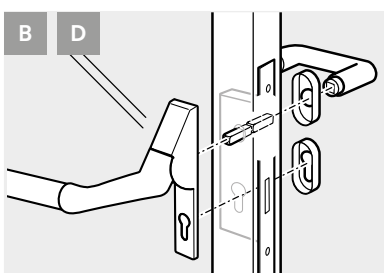
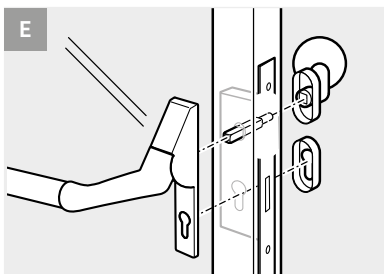
- 01** Complete package PHA 2500 RR panic fitting incl. mortise lock, strike plate and spindle
- 02** PHA 2105 Connecting rod
- 03** four+ door fittings

Area of application

- Interior doors in emergency escape routes
- Fire and smoke doors, an additional certificate of suitability of the relevant fire and smoke doors may be necessary – check local regulations.

Permissible door leaf dimensions

- Widths up to 1,500 mm, max. weight 200 kg
- Door leaf thickness 46 mm to 76 mm with spindle included. Locks with functions D and B (split follower) require a centred lock position in the door leaf. Different door leaf thicknesses and off-centre lock positions are possible using optional spindles. See application notes on page 30.



Model variants

- Lock functions: Transmission (E), Transit (D) or Change-over (B)
- Handling: DIN-R or DIN-L
- Backset 35, 40 or 45 mm
- Forend width 24 mm
- Surface: powder-coated silver or stainless steel finish

Required accessories

- PHA 2105 Connecting rod
- External door fitting, e.g. from the four+ series, with lever handle for change-over function (B) or transit function (D), and door knob for transmission function (E). Door fittings in accordance with EN 1125 certification may be used as an alternative.
- Europrofile cylinder to DIN 18252

Optional accessories

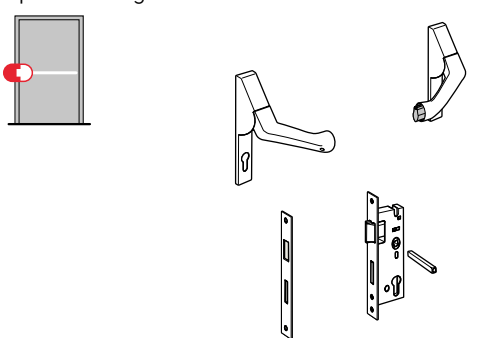
- Smoke series (smoke doors only) or Fire 447/448 series (irrespective of installation position on fire and smoke doors) electric safety strike, see page 42.

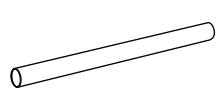
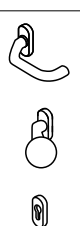
Specification text

PHA 2500 RR, single-leaf

Panic exit device with 20 mm deadbolt throw for single-leaf narrow stile doors, compliant with EN 1125, with touch bar (type A according to EN 1125), door widths up to 1500 mm/door weight up to 200 kg; standard bar projection ≤ 100 mm according to classification 2, jam-free, no visible mounting screws. With anti-panic mortise lock with transit, change-over or transmission function, backset of 35/40/45 mm, Prepared for installation of an electronic cylinder (Europrofile

cylinder). Electrical unlocking possible via "Smoke" or "Fire 447/448" electric strikes, both with optional feedback. On-site power supply. Approved for use on fire and smoke check doors. Additional certificate of suitability of the relevant fire and smoke doors may be necessary – check local regulations. Suitable for use in combination with additional SafeRoute electrical escape route security system in accordance with EltVTR and EN 13637. All products of the PHA 2500 series carry the CE mark.

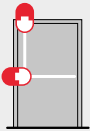
Product	DIN	Backset	Lock function	Order No.
01 PHA 2500 for narrow stile doors single-leaf, 1-point-locking 	L	35	D Transit	35014 2551 01 xx
			E Transmission	35014 2551 02 xx
			B Change-over	35014 2551 03 xx
		40	D Transit	35014 2551 04 xx
			E Transmission	35014 2551 05 xx
			B Change-over	35014 2551 06 xx
		45	D Transit	35014 2551 07 xx
			E Transmission	35014 2551 08 xx
			B Change-over	35014 2551 09 xx
	R	35	D Transit	35014 2551 10 xx
			E Transmission	35014 2551 11 xx
			B Change-over	35014 2551 12 xx
		40	D Transit	35014 2551 13 xx
			E Transmission	35014 2551 14 xx
			B Change-over	35014 2551 15 xx
		45	D Transit	35014 2551 16 xx
			E Transmission	35014 2551 17 xx
			B Change-over	35014 2551 18 xx
	L/R	35	E Transmission with dogging device (TF)	350142651 01 xx
		40	E Transmission with dogging device (TF)	350142651 02 xx

Required accessories	Order No.
02 PHA Connecting rod for PHA 2500 	PHA 2104, Length 830 mm for door widths up to 1,000 mm 35014 210400xx
	PHA 2105, Length 1,130 mm for door widths up to 1,300 mm 35014 210500xx
	PHA 2106, Length 1,330 mm for door widths up to 1,500 mm 35014 210600xx
03 four+ door fittings for narrow stile doors NEW Door fittings to EN 179, matt stainless steel finish 	four+ 112 lever handle oval rosette Half set, 9 mm, FS, EN 179, without spindle 71000603
	four+ 216 knob on oval rosette Half set, without handle/Knob spindle 71000604
	four+ 316 Key rosette, oval with PC profile punched 71000605

Locks with dogging device for lock function E (Change-over) on request
For description of lock functions see pages 6, 7

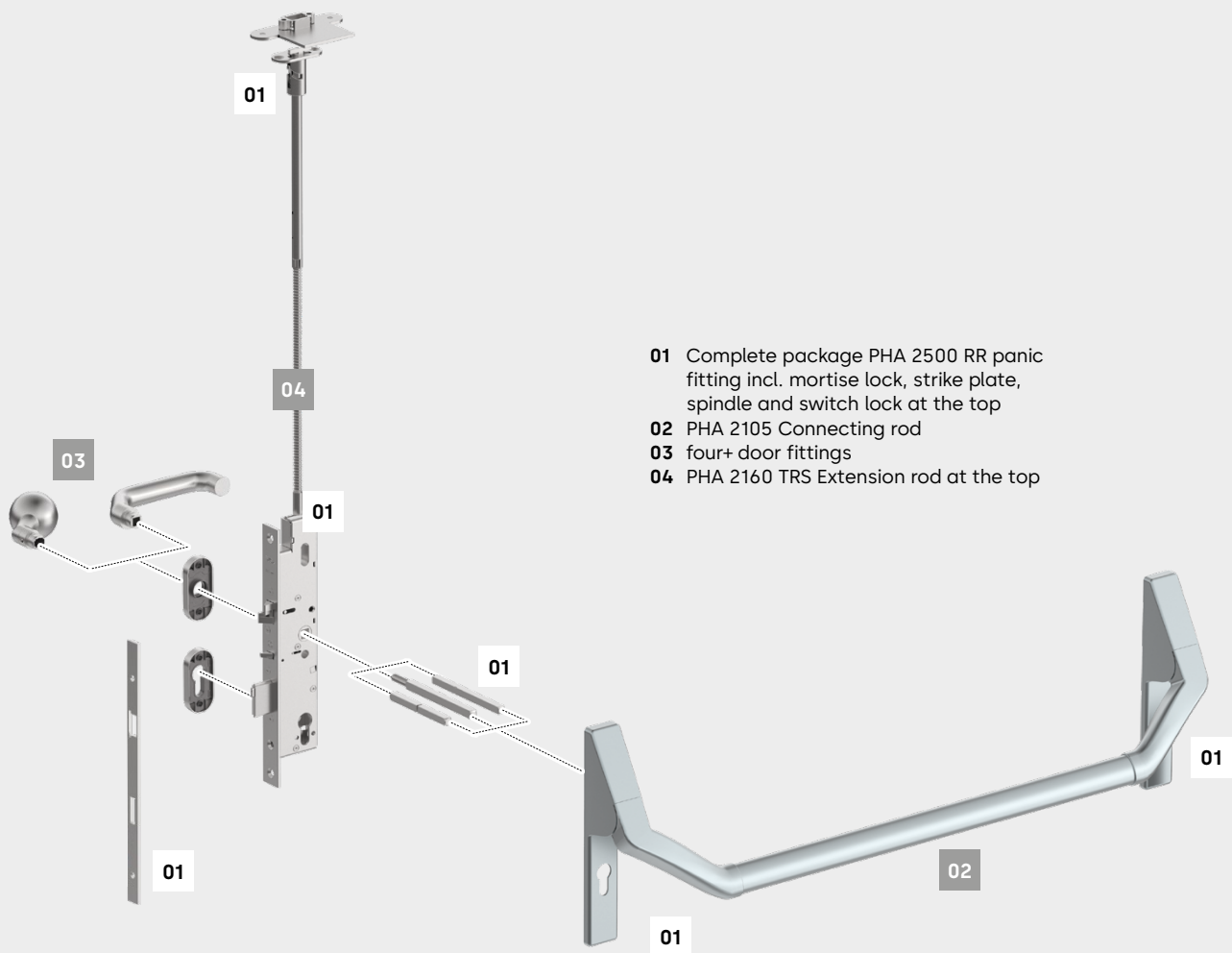
xx = Colour
01 = Silver
04 = Stainless steel finish

Spindles: Note advisory on page 30



Complete packages PHA 2500 Panic Hardware System

1-leaf with TRS extension rod



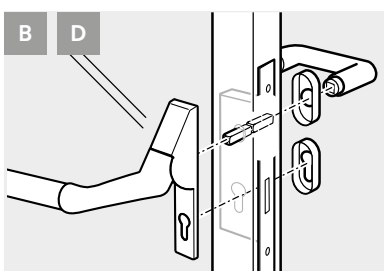
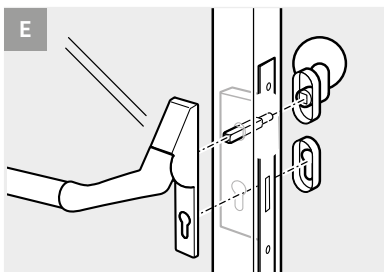
- 01 Complete package PHA 2500 RR panic fitting incl. mortise lock, strike plate, spindle and switch lock at the top
- 02 PHA 2105 Connecting rod
- 03 four+ door fittings
- 04 PHA 2160 TRS Extension rod at the top

Area of application

- Interior doors in emergency escape routes
- Fire and smoke doors, an additional certificate of suitability of the relevant fire and smoke doors may be necessary – check local regulations.

Permissible door leaf dimensions

- Widths up to 1,500 mm, heights up to 3,500 mm, max. weight 200 kg
- Door leaf thickness 46 mm to 76 mm with spindle included. Locks with functions D and B (split follower) require a centred lock position in the door leaf. Different door leaf thicknesses and off-centre lock positions are possible using optional spindles. See application notes on page 30.



Model variants

- Lock functions: Transmission (E), Transit (D) or Change-over (B)
- Handling: DIN-R or DIN-L
- Backset 35, 40 or 45 mm
- Forend width 24 mm
- Surface: powder-coated silver or stainless steel finish

Required accessories

- PHA 2105 Connecting rod
- External door fitting, e.g. from the four+ series, with lever handle for change-over function (B) or transit function (D), and door knob for transmission function (E). Door fittings in accordance with EN 1125 certification may be used as an alternative.
- Europrofile cylinder to DIN 18252

Optional accessories

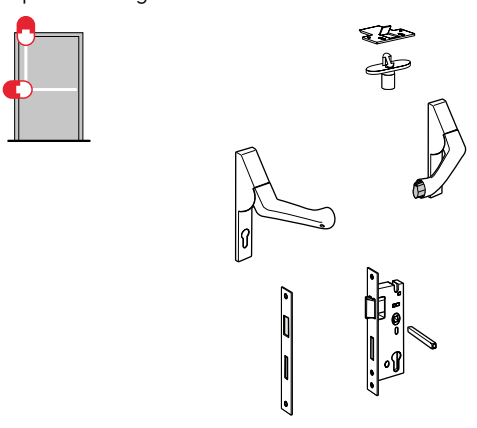
- Smoke series (smoke doors only) or Fire 447/448 series (irrespective of installation position on fire and smoke doors) electric safety strike, see page 42.

Specification text

PHA 2500 TRS, single-leaf

Panic exit device with 20 mm deadbolt throw for single-leaf narrow stile doors, compliant with EN 1125, with touch bar (type A according to EN 1125), door width up to 1500 mm, door weight up to 200 kg, standard bar projection ≤ 100 mm according to classification 2, jam-free, no visible mounting screws. With anti-panic mortise lock with access, change-over or switching function, 35/40/45 mm backset, prepared for use with an electronic thumbturn cylinder (PC),

including switch lock. Electrical unlocking possible via "Smoke" or "Fire 447/448" electric strikes, both with optional feedback. On-site power supply. Approved for installation on fire and smoke doors. Additional certificate of suitability required for the fire or smoke door concerned. Suitable for use in combination with additional SafeRoute electrical escape route security system in accordance with EltVTR and EN 13637. All products in the PHA 2500 series carry the CE mark.

Product	DIN	Backset	Lock function	Order No.
01 PHA 2500 TRS for narrow stile doors single-leaf, 2-point-locking 	L	35	D Transit	35014 255119xx
			E Transmission	35014 255120xx
			B Change-over	35014 255121xx
		40	D Transit	35014 255122xx
			E Transmission	35014 255123xx
			B Change-over	35014 255124xx
		45	D Transit	35014 255125xx
			E Transmission	35014 255126xx
			B Change-over	35014 255127xx
	R	35	D Transit	35014 255128xx
			E Transmission	35014 255129xx
			B Change-over	35014 255130xx
		40	D Transit	35014 255131xx
			E Transmission	35014 255132xx
			B Change-over	–
		45	D Transit	35014 255134xx
			E Transmission	35014 255135xx
			B Change-over	35014 255136xx
	L/R	35	E Transmission with dogging device (TF)	35014265204xx
Required accessories				Order No.
02 PHA Connecting rod for PHA 2500 	PHA 2104, Length 830 mm for door widths up to 1,000 mm			35014 210400xx
	PHA 2105, Length 1,130 mm for door widths up to 1,300 mm			35014 210500xx
	PHA 2106, Length 1,330 mm for door widths up to 1,500 mm			35014 210600xx
03 four+ door fittings for narrow stile doors NEW Door fittings to EN 179, matt stainless steel finish 	four+ 112 lever handle oval rosette Half set, 9 mm, FS, EN 179, without spindle			71000603
	four+ 216 knob on oval rosette Half set, without handle/Knob spindle			71000604
	four+ 316 Key rosette, oval with PC profile punched			71000605
04 PHA 2160 TRS Extension rod at the top for PHA 2500 TRS, tube Ø 10 mm 	for door height up to 2500 mm			35014 21600000
	for door height up to 3000 mm			35014 000047
	for door height up to 3500 mm			35014 000040

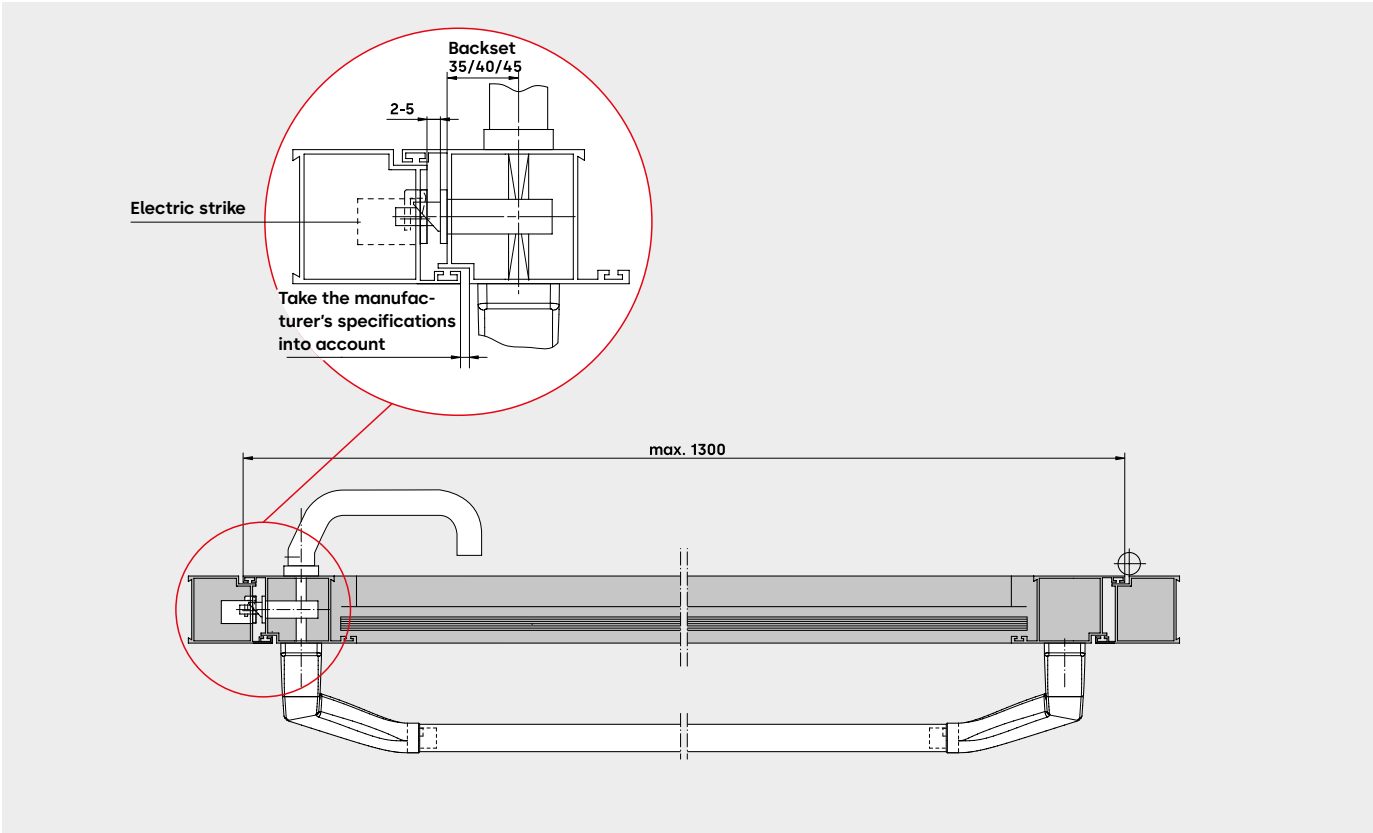
Locks with dogging device for lock function E (Change-over) on request
For description of lock functions see pages 6, 7

xx = Colour
01 = Silver
04 = Stainless steel finish

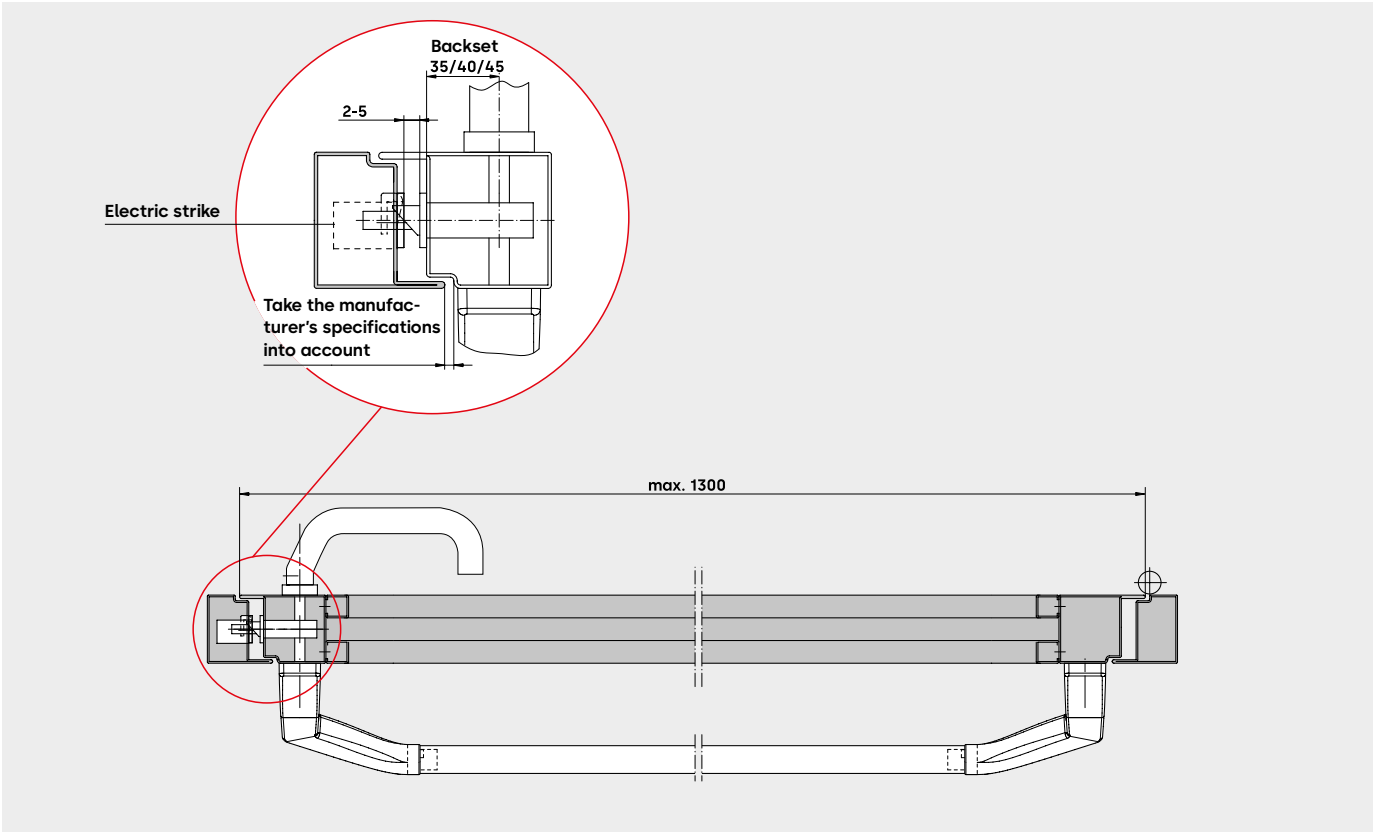
Spindles: Note advisory on page 30

Complete packages PHA 2500 Panic Hardware System

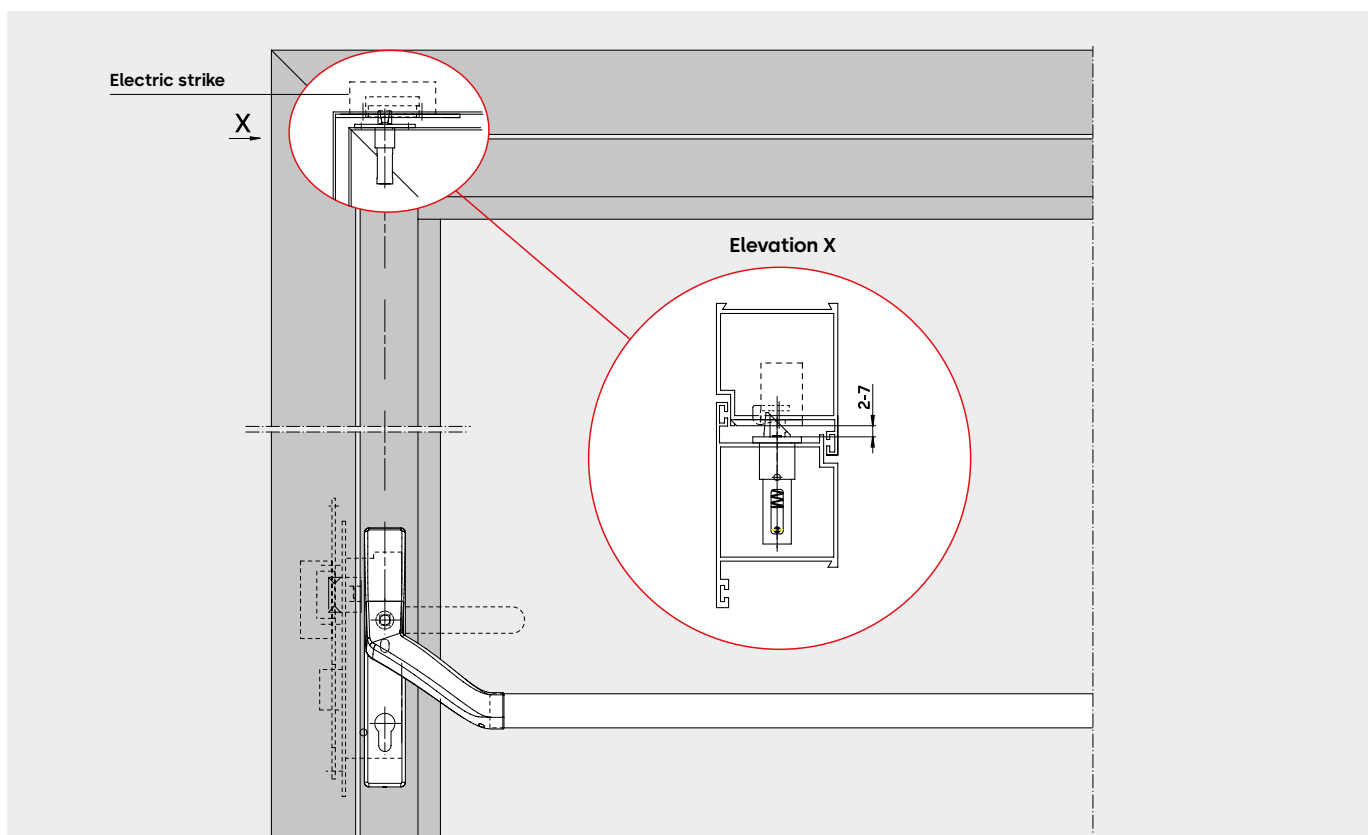
Installation drawings 1-leaf



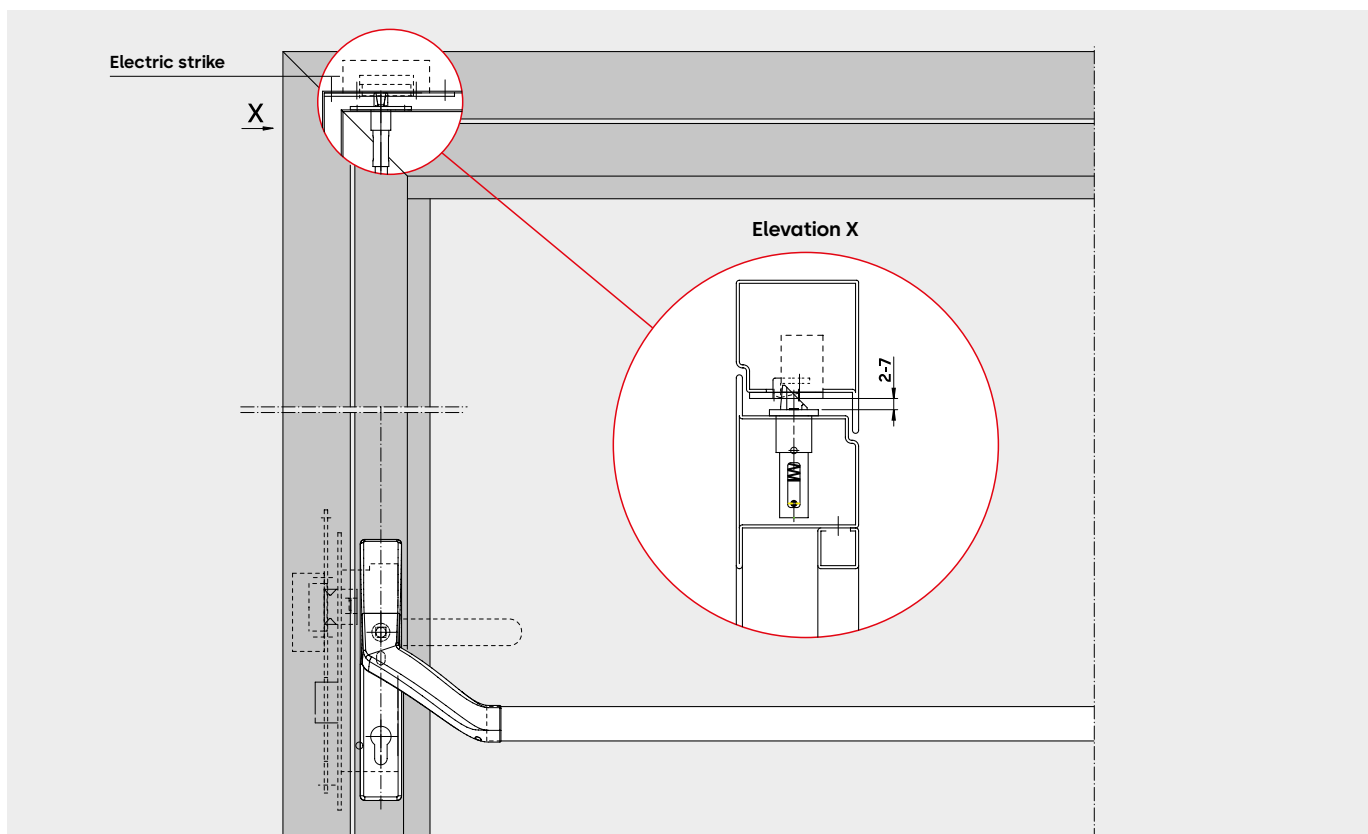
Horizontal locking device on an aluminium narrow stile door (Note the instructions for use on page 30)



Horizontal locking device on a steel narrow stile door (Note the instructions for use on page 30)



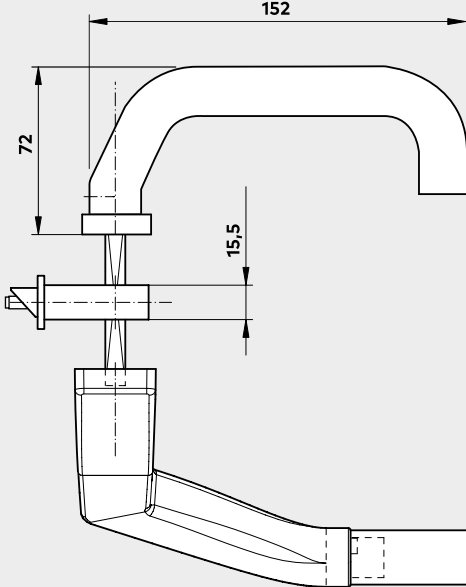
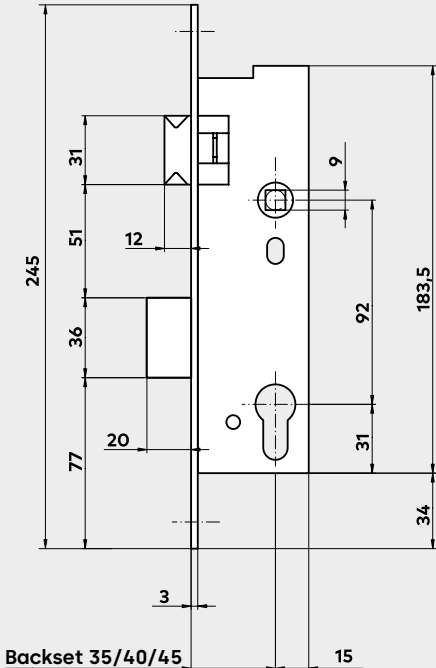
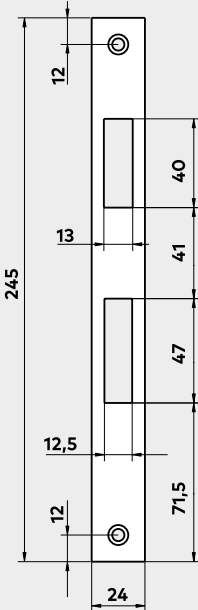
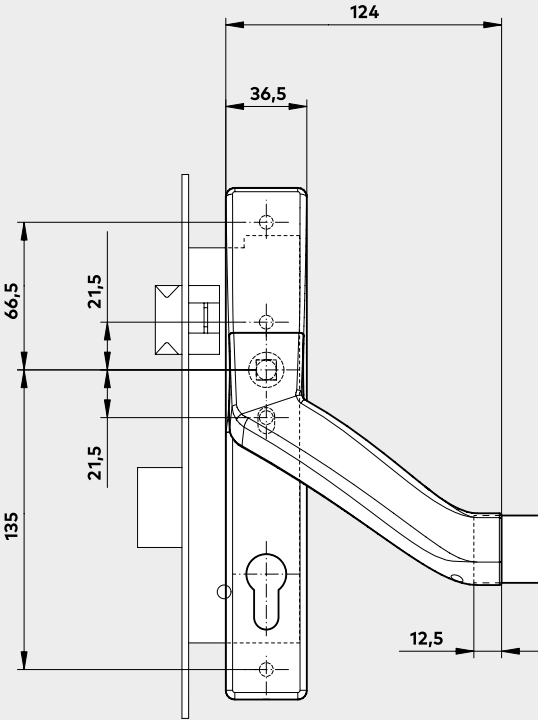
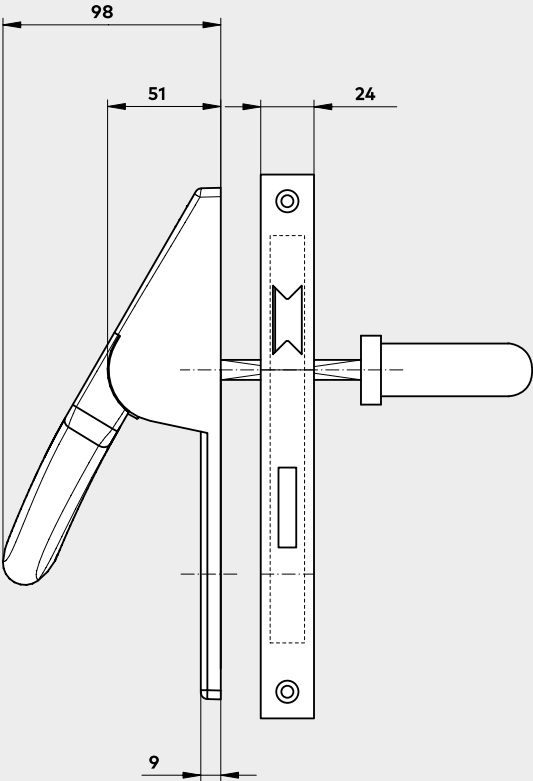
Vertical locking device on an aluminium narrow stile door (Note the instructions for use on page 30)

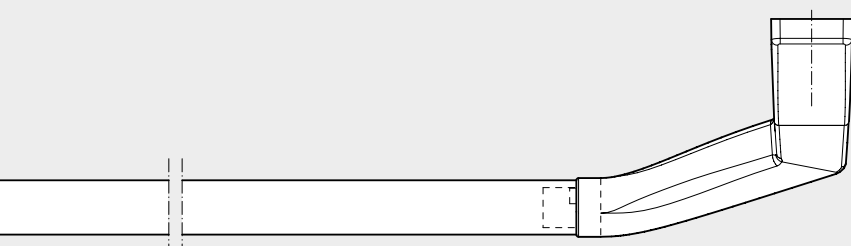
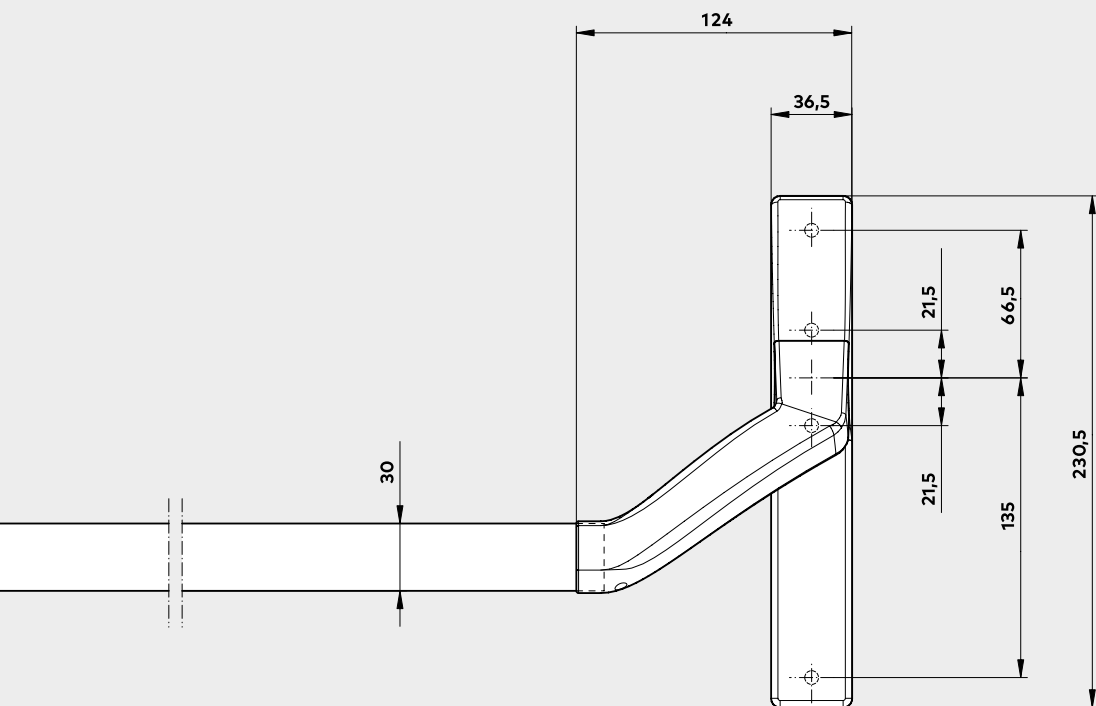


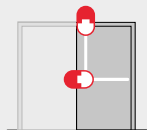
Vertical locking device on a steel narrow stile door (Note the instructions for use on page 30)

Complete packages PHA 2500 Panic Hardware System

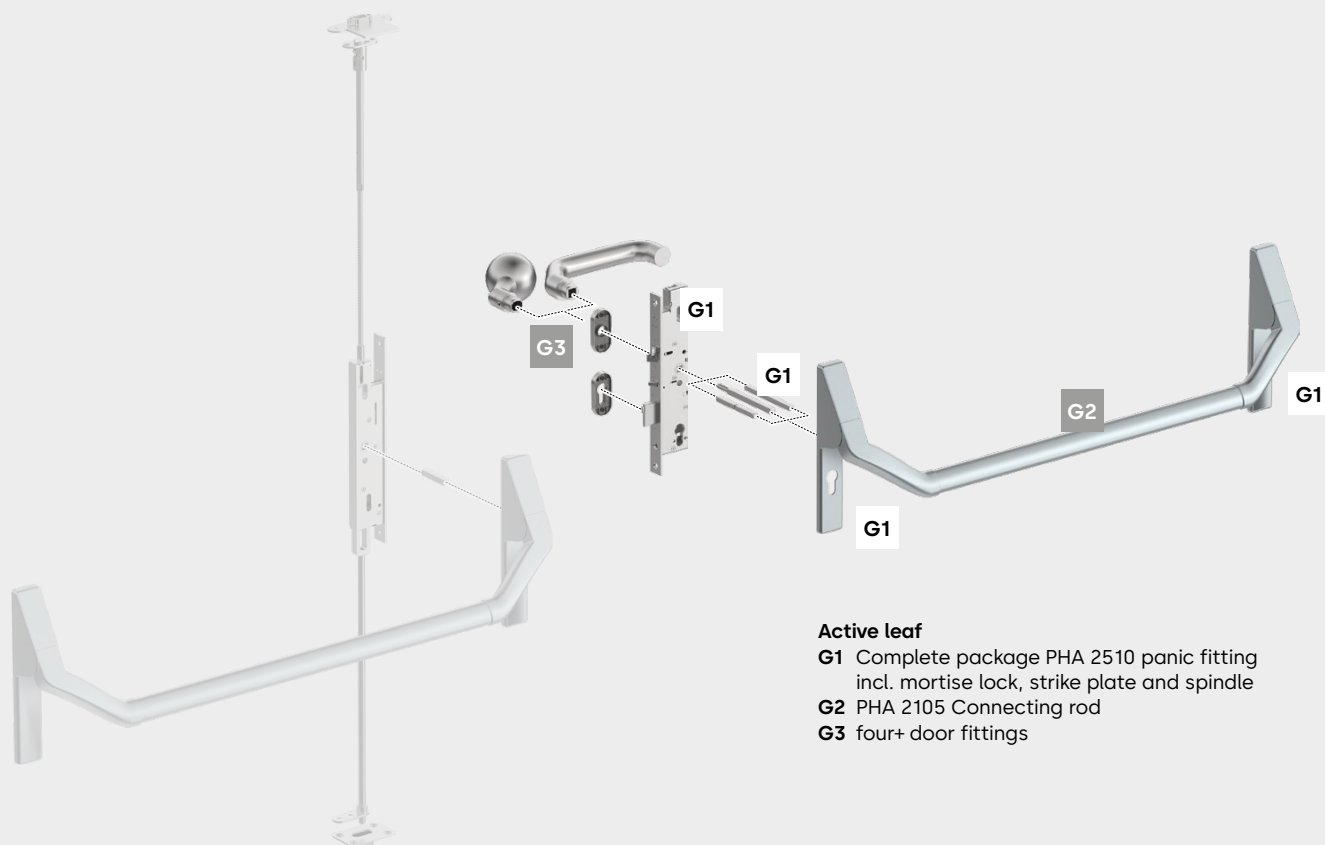
Dimensional drawings 1-leaf







Complete packages 2-leaf PHA 2500 Panic Hardware System: Active leaf



Active leaf

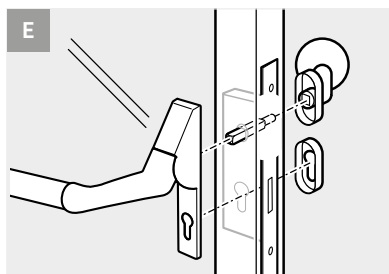
- G1** Complete package PHA 2510 panic fitting incl. mortise lock, strike plate and spindle
- G2** PHA 2105 Connecting rod
- G3** four+ door fittings

Area of application

- Interior doors in emergency escape routes
- Fire and smoke doors, an additional certificate of suitability of the relevant fire and smoke doors may be necessary – check local regulations.

Permissible door leaf dimensions

- Widths up to 1,500 mm, max. weight 200 kg
- Door leaf thickness 46 mm to 76 mm with spindle included. Locks with functions D and B (split follower) require a centred lock position in the door leaf. Different door leaf thicknesses and off-centre lock positions are possible using optional spindles. See application notes on page 30.

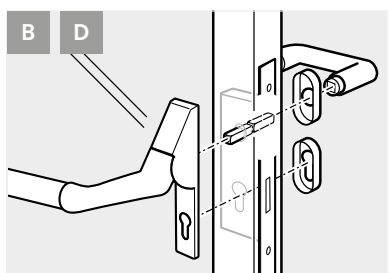


Model variants

- Lock functions on the active leaf: Transmission (E), Transit (D) or Change-over (B)
- Handling DIN-R or DIN-L
- Backset 35, 40 or 45 mm
- Forend width 24 mm
- Surface: powder-coated silver or stainless steel finish

Required accessories on the active leaf

- PHA 2105 Connecting rod
- External door fitting, e.g. from the four+ series, with lever handle for change-over function (B) or transit function (D), and door knob for transmission function (E). Door fittings in accordance with EN 1125 certification may be used as an alternative.
- Europrofile cylinder to DIN 18252

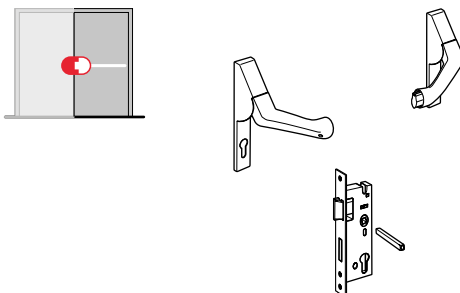
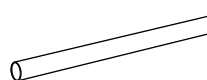


Specification text

PHA 2500 RR, double-leaf

Panic exit device with 20 mm deadbolt throw, compliant with EN 1125, with touch bar (type A according to EN 1125), for double-leaf narrow stile doors, door width up to 1500 mm, door height up to 2500 mm, door weight up to 200 kg, standard bar projection ≤ 100 mm according to classification 2, jam-free, no visible mounting screws. Active door leaf with anti-panic mortise lock with access, change-over or switching function, 35/40/45 mm backset, incl. snap lock prepared

for use with an electronic thumbturn cylinder (PC). Inactive door leaf with TRS Extension rod at the top and lock strike box with drive lock, backset 35/40/45 mm, including switch lock. Approved for installation on fire and smoke doors. Additional certificate of suitability required for the fire or smoke door concerned. Suitable for use in combination with additional SafeRoute electrical escape route security system in accordance with EltVTR and EN 13637. All products in the PHA 2500 series carry the CE mark.

Product	DIN	Backset	Lock function	Order No.
G1 PHA 2510 for narrow stile doors double-leaf, active door leaf, 1-point locking device 	L	35	D Transit	35014 2552 01 xx
			E Transmission	35014 2552 02 xx
			B Change-over	35014 2552 03 xx
		40	D Transit	35014 2552 04 xx
			E Transmission	35014 2552 05 xx
			B Change-over	35014 2552 06 xx
		45	D Transit	35014 2552 07 xx
			E Transmission	35014 2552 08 xx
			B Change-over	35014 2552 09 xx
	R	35	D Transit	35014 2552 10 xx
			E Transmission	35014 2552 11 xx
			B Change-over	35014 2552 12 xx
		40	D Transit	35014 2552 13 xx
			E Transmission	35014 2552 14 xx
			B Change-over	35014 2552 15 xx
		45	D Transit	35014 2552 16 xx
			E Transmission	35014 2552 17 xx
			B Change-over	35014 2552 18 xx
Required accessories on the active leaf				Order No.
G2 PHA Connecting rod for PHA 2500 	PHA 2104, Length 830 mm for door widths up to 1,000 mm			35014 210400xx
	PHA 2105, Length 1,130 mm for door widths up to 1,300 mm			35014 210500xx
	PHA 2106, Length 1,330 mm for door widths up to 1,500 mm			35014 210600xx
G3 four+ door fittings for narrow stile doors NEW Door fittings to EN 179, matt stainless steel finish 	four+ 112 lever handle oval rosette Half set, 9 mm, FS, EN 179, without spindle			71000603
	four+ 216 knob on oval rosette Half set, without handle/Knob spindle			71000604
	four+ 316 Key rosette, oval with PC profile punched			71000605

Locks with dogging device for lock function E (Change-over) on request
For description of lock functions see pages 6, 7

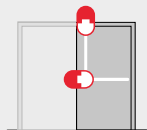
xx = Colour
01 = Silver
04 = Stainless steel finish

Spindles: Note advisory on page 30

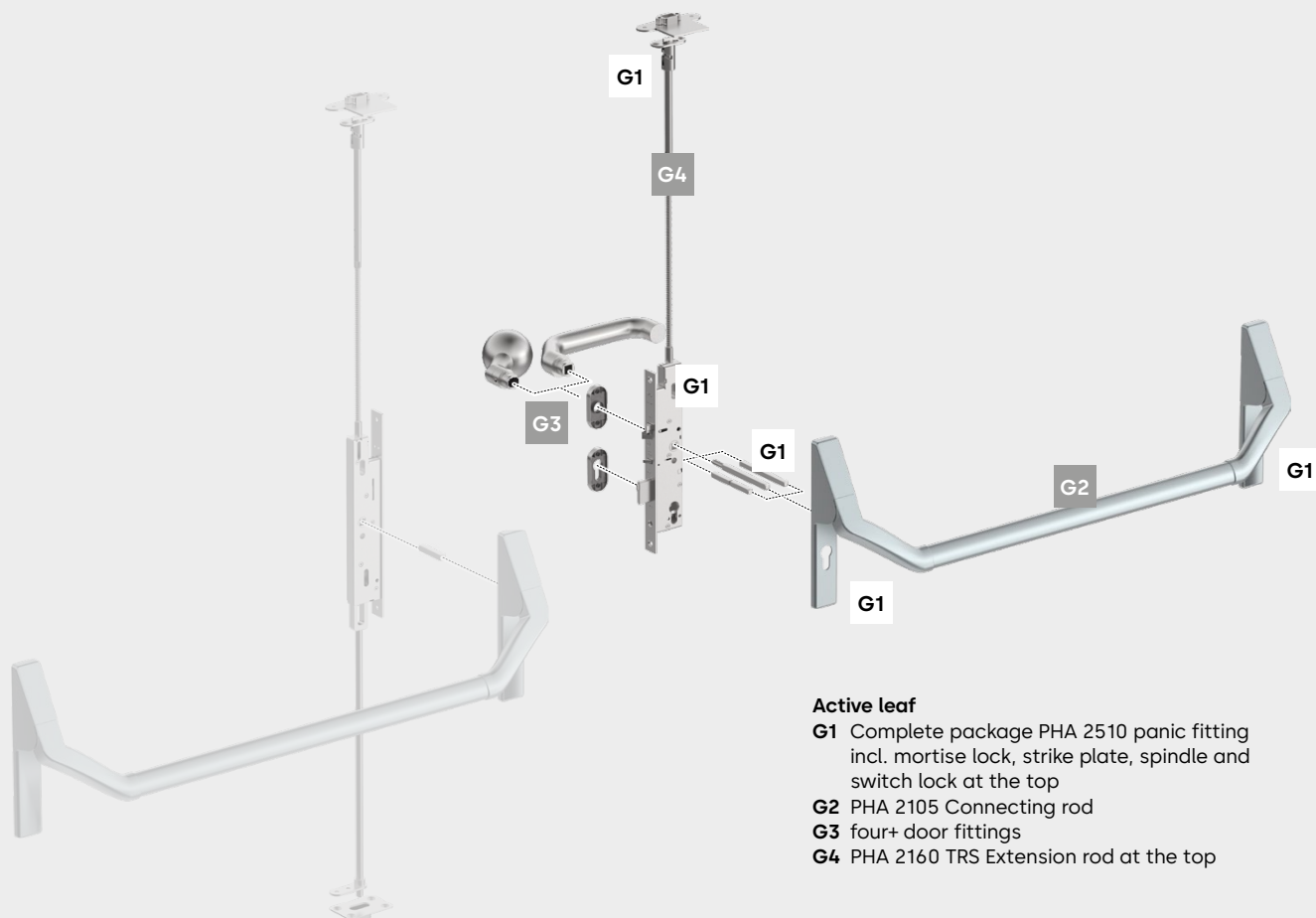


Note

The PHA 2510 series active leaf lock is not compatible with existing locks manufactured before 2011. See dimensional drawings.



Complete packages 2-leaf PHA 2500 Panic Hardware System: Active leaf with TRS extension rod



Active leaf

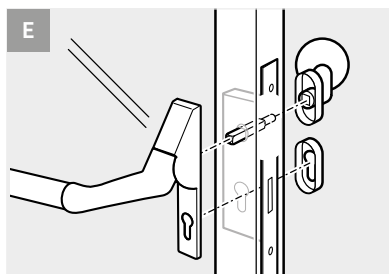
- G1** Complete package PHA 2510 panic fitting incl. mortise lock, strike plate, spindle and switch lock at the top
- G2** PHA 2105 Connecting rod
- G3** four+ door fittings
- G4** PHA 2160 TRS Extension rod at the top

Area of application

- Interior doors in emergency escape routes
- Fire and smoke doors, an additional certificate of suitability of the relevant fire and smoke doors may be necessary – check local regulations

Permissible door leaf dimensions

- Widths up to 1,500 mm, heights up to 3,500 mm, max. weight 200 kg
- Door leaf thickness 46 mm to 76 mm with spindle included. Locks with functions D and B (split follower) require a centred lock position in the door leaf. Different door leaf thicknesses and off-centre lock positions are possible using optional spindles. See application notes on page 30.



Model variants

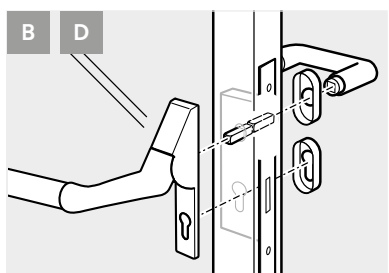
- Lock functions on the active leaf: Transmission (E), Transit (D) or Change-over (B)
- Handling DIN-R or DIN-L
- Backset 35, 40 or 45 mm
- Forend width 24 mm
- Surface: powder-coated silver or stainless steel finish

Required accessories on the active leaf

- PHA 2105 Connecting rod
- External door fitting, e.g. from the four+ series, with lever handle for change-over function (B) or transit function (D), and door knob for transmission function (E). Door fittings in accordance with EN 1125 certification may be used as an alternative.
- Europrofile cylinder to DIN 18252

Optional accessories for active leaf

- Electric safety strike on the extension rod with the use of PHA 2521 TRS or PHA 2522 TRS on the inactive leaf, see page 42.

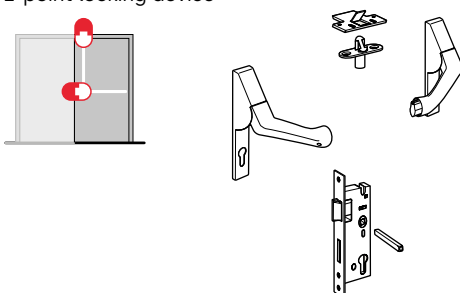


Specification text

PHA 2500 TRS RR, double-leaf

Panic exit device with 20 mm deadbolt throw, compliant with EN 1125, with touch bar (type A according to EN 1125), for double-leaf narrow stile doors, door width up to 1500 mm, door height up to 3500 mm, door weight up to 200 kg, standard bar projection ≤ 100 mm according to classification 2, jam-free, no visible mounting screws. Active door leaf with TRS Extension rod at the top and anti-panic mortise lock with access, change-over or switching function, 35/40/45 mm backset, prepared for use with an electronic thumbturn cylinder (PC).

Inactive door leaf with TRS Extension rod at the top and lock strike box with drive lock, backset 35/40/45 mm, including switch lock. Approved for installation on fire and smoke doors. Additional certificate of suitability required for the fire or smoke door concerned. Suitable for use in combination with additional SafeRoute electrical escape route security system in accordance with EltVTR and EN 13637. All products in the PHA 2500 series carry the CE mark.

Product	DIN	Backset	Lock function	Order No.
G1 PHA 2510 TRS for narrow stile doors double-leaf, active door leaf, 2-point locking device 	L	35	D Transit	35014 255219xx
			E Transmission	35014 255220xx
			B Change-over	35014 255221xx
		40	D Transit	35014 255222xx
			E Transmission	35014 255223xx
			B Change-over	35014 255224xx
		45	D Transit	35014 255225xx
			E Transmission	35014 255226xx
			B Change-over	–
	R	35	D Transit	35014 255228xx
			E Transmission	35014 255229xx
			B Change-over	35014 255230xx
40		D Transit	35014 255231xx	
		E Transmission	–	
		B Change-over	35014 255233xx	
45		D Transit	35014 255234xx	
		E Transmission	35014 255235xx	
		B Change-over	35014 255236xx	
Required accessories on the active leaf				
G2 PHA Connecting rod for PHA 2500 	PHA 2104, Length 830 mm for door widths up to 1,000 mm			35014 210400xx
	PHA 2105, Length 1,130 mm for door widths up to 1,300 mm			35014 210500xx
	PHA 2106, Length 1,330 mm for door widths up to 1,500 mm			35014 210600xx
G3 four+ door fittings for narrow stile doors NEW Door fittings to EN 179, matt stainless steel finish 	four+ 112 lever handle oval rosette Half set, 9 mm, FS, EN 179, without spindle			71000603
	four+ 216 knob on oval rosette Half set, without handle/Knob spindle			71000604
	four+ 316 Key rosette, oval with PC profile punched			71000605
G4 PHA 2160 TRS Extension rod at the top for PHA 2500 TRS, tube Ø 10 mm 	for door height up to 2500 mm			35014 21600000
	for door height up to 3000 mm			35014 000047
	for door height up to 3500 mm			35014 000040

Locks with dogging device for lock function E (Change-over) on request
For description of lock functions see pages 6, 7

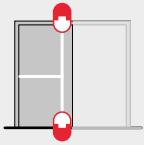
xx = Colour
01 = Silver
04 = Stainless steel finish

Spindles: Note advisory on page 30



Note

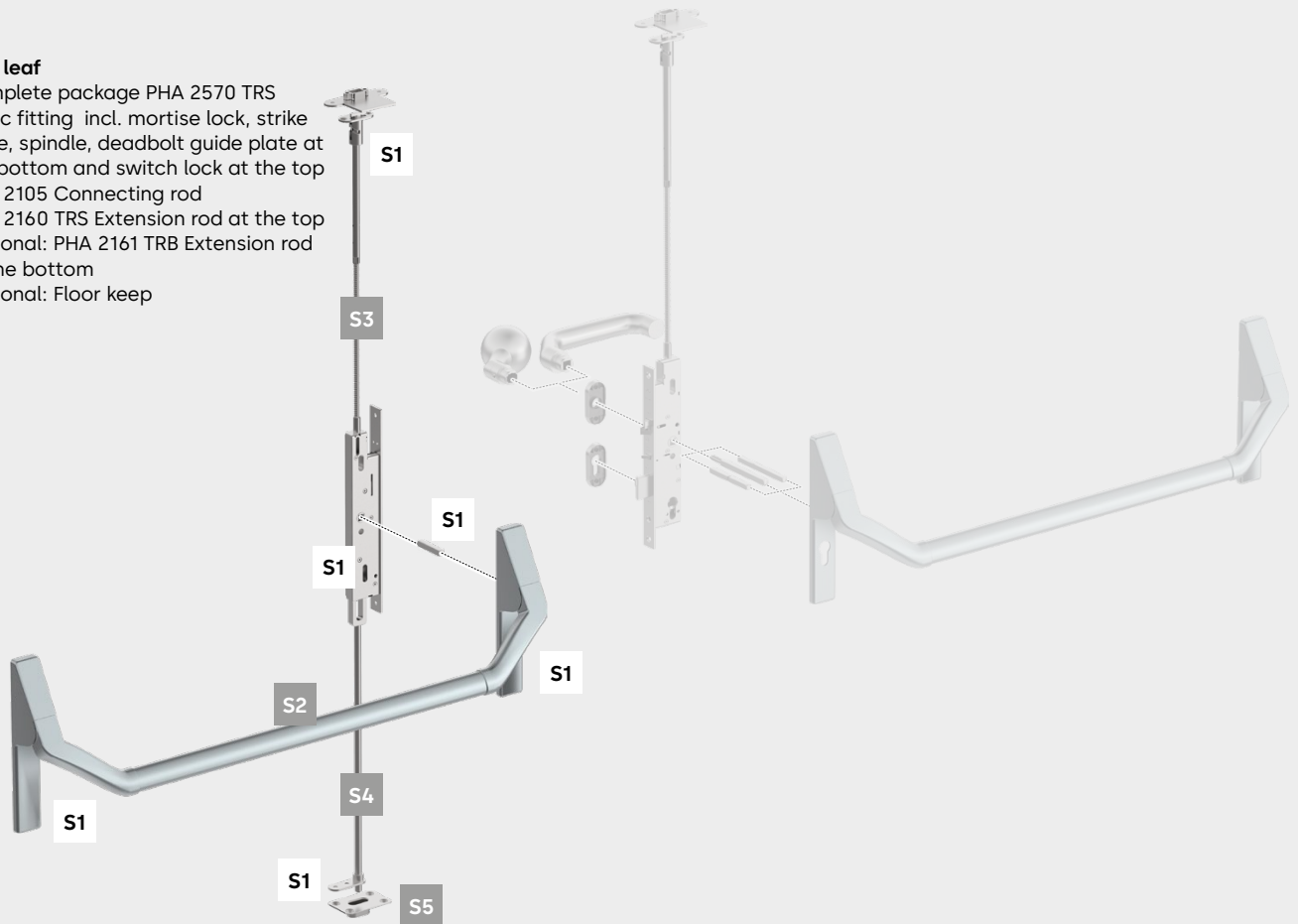
The PHA 2510 series active leaf lock is not compatible with existing locks manufactured before 2011. See dimensional drawings.



Complete packages 2-leaf PHA 2500 Panic Hardware System: Inactive leaf with TRS/TRB extension rod

Inactive leaf

- S1** Complete package PHA 2570 TRS panic fitting incl. mortise lock, strike plate, spindle, deadbolt guide plate at the bottom and switch lock at the top
- S2** PHA 2105 Connecting rod
- S3** PHA 2160 TRS Extension rod at the top
- S4** Optional: PHA 2161 TRB Extension rod at the bottom
- S5** Optional: Floor keep



Area of application

- Interior doors in emergency escape routes
- Fire and smoke doors, an additional certificate of suitability of the relevant fire and smoke doors may be necessary – check local regulations

Permissible door leaf dimensions

- Widths up to 1,500 mm, heights up to 3,500 mm, max. weight 200 kg ¹⁾
- Door leaf thickness 46 mm to 76 mm with spindle included. Locks with functions D and B (split follower) require a centred lock position in the door leaf. Different door leaf thicknesses and off-centre lock positions are possible using optional spindles. See application notes on page 30.

Model variants

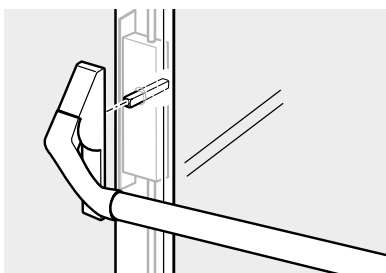
- Lock functions on the inactive leaf: Transmission (E), Transit (D) or Change-over (B)
- Handling DIN-R or DIN-L
- Backset 35, 40 or 45 mm
- Forend width 24 mm
- Surface: powder-coated silver or stainless steel finish

Required accessories on the inactive leaf

- PHA 2105 Connecting rod
- PHA 2160 TRS Extension rod at the top

Optional accessories on the inactive leaf

- PHA 2161 TRB Extension rod at the bottom and floor keep

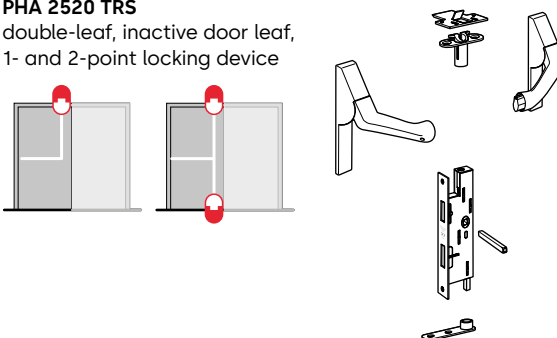


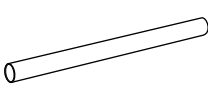
Specification text

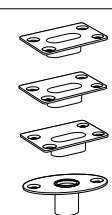
PHA 2500 TRS RR, double-leaf

Panic exit device with 20 mm deadbolt throw, compliant with EN 1125, with touch bar (type A according to EN 1125), for double-leaf narrow stile doors, door width up to 1500 mm, door height up to 3500 mm, door weight up to 200 kg, standard bar projection ≤ 100 mm according to classification 2, jam-free, no visible mounting screws. Active door leaf with TRS Extension rod at the top and anti-panic mortise lock with access, change-over or switching function, backset 35/40/45 mm, including snap lock, prepared for use with an electronic

thumbturn cylinder (PC). Inactive door leaf with TRS Extension rod at the top and lock strike box with drive lock, backset 35/40/45 mm, including switch lock. Approved for installation on fire and smoke doors. Additional certificate of suitability required for the fire or smoke door concerned. Suitable for use in combination with additional SafeRoute electrical escape route security system in accordance with EltVTR and EN 13637. All products in the PHA 2500 series carry the CE mark.

Product	DIN	Backset	Lock function	Order No.
S1 PHA 2520 TRS double-leaf, inactive door leaf, 1- and 2-point locking device 	L/R	35	–	35014 2554 19 xx
		40	–	35014 2554 20 xx
		45	–	35014 2554 21 xx
				xx = Colour 01 = Silver 04 = Stainless steel finish

Required accessories on the inactive leaf			Order No.
S2 PHA Connecting rod for PHA 2500 	PHA 2104, Length 830 mm for door widths up to 1,000 mm		35014 210400xx
	PHA 2105, Length 1,130 mm for door widths up to 1,300 mm		35014 210500xx
	PHA 2106, Length 1,330 mm for door widths up to 1,500 mm		35014 210600xx
S3 PHA 2160 TRS Extension rod at the top for PHA 2500 TRS, tube Ø 10 mm 	for door height up to 2,500 mm		35014 21600000
	for door height up to 3,000 mm		35014 000047
	for door height up to 3,500 mm		35014 000040

Optional accessories on the inactive leaf			Order No.
S4 PHA 2161 TRB Extension rod at the bottom tube Ø 10 mm, for lever handle height 1050 mm 			35014 21610000
S5 Floor keep for locking the bottom extension rod on the inactive door leaf. Required for panic exit devices according to EN 1125. 	PHA 2122-0 (0 mm)		35014 21220000
	PHA 2122-2 (-2 mm)		35014 21222000
	PHA 2122-4 (-4 mm)		35014 21224000
	PHA 2121 Adjustable		35014 21210000

Locks with dogging device for lock function E (Change-over) on request
For description of lock functions see pages 6, 7

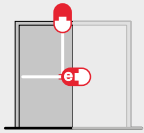
xx = Colour
01 = Silver
04 = Stainless steel finish

Spindles: Note advisory on page 30



Note

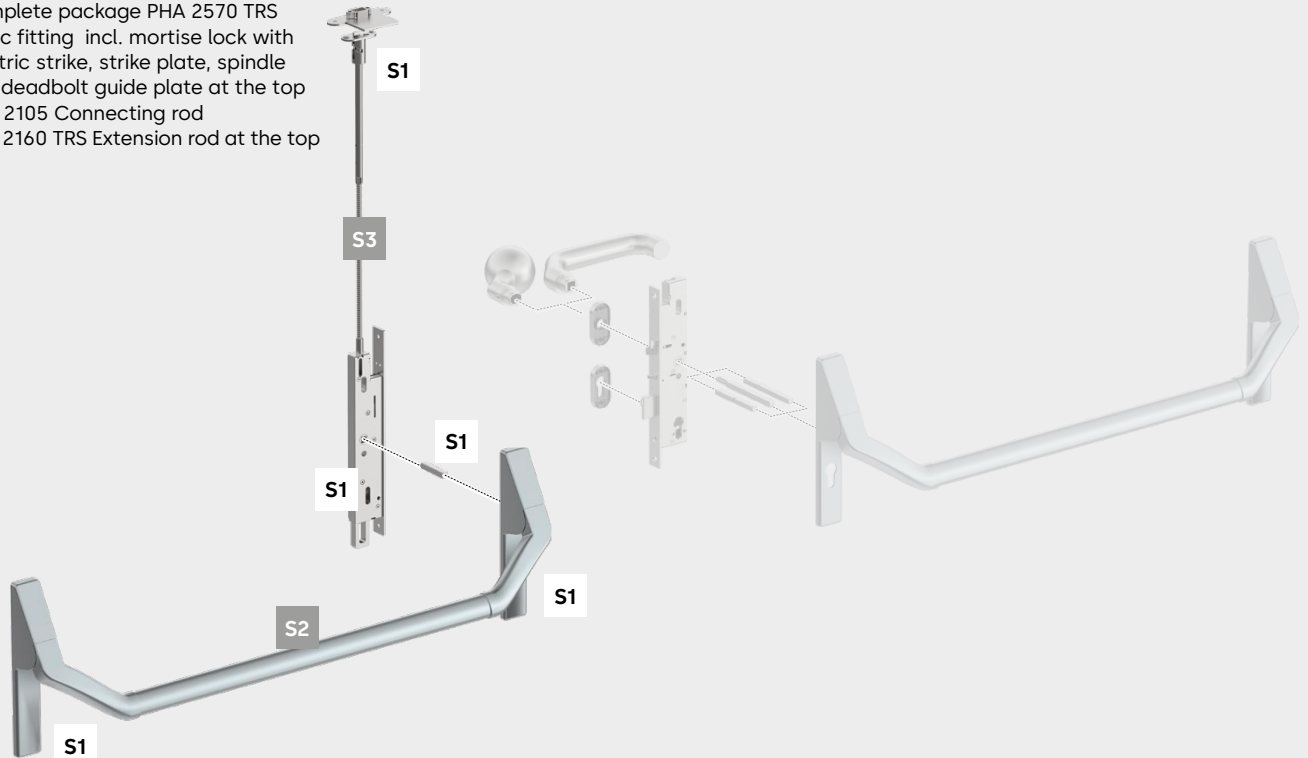
The PHA 2520 TRS inactive leaf lock is not compatible with existing locks manufactured before 2011. See dimensional drawings.



Complete packages 2-leaf PHA 2500 Panic Hardware System: Inactive leaf with TRS extension rod and electric strike

Inactive leaf

- S1** Complete package PHA 2570 TRS panic fitting incl. mortise lock with electric strike, strike plate, spindle and deadbolt guide plate at the top
- S2** PHA 2105 Connecting rod
- S3** PHA 2160 TRS Extension rod at the top



Area of application

- Interior doors in emergency escape routes
- Fire and smoke doors, an additional certificate of suitability of the relevant fire and smoke doors may be necessary – check local regulations

Permissible door leaf dimensions

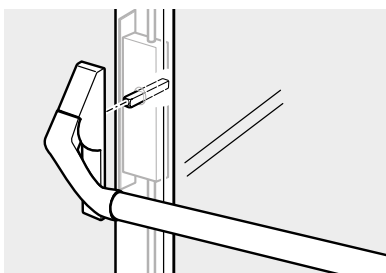
- Widths up to 1,500 mm, heights up to 3,500 mm, max. weight 200 kg
- Door leaf thickness 46 mm to 76 mm with spindle included. Locks with functions D and B (split follower) require a centred lock position in the door leaf. Different door leaf thicknesses and off-centre lock positions are possible using optional spindles. See application notes on page 30.

Model variants

- Lock functions on the inactive leaf: Transmission (E), Transit (D) or Change-over (B)
- Handling DIN-R or DIN-L
- Backset 35, 40, 45, 50, 55, 60 or 65 mm
- Forend width 24 mm
- Surface: powder-coated silver or stainless steel finish

Required accessories on the inactive leaf

- PHA 2105 Connecting rod
- PHA 2160 TRS extension rod at top

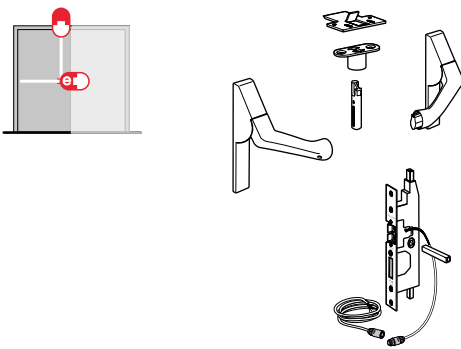
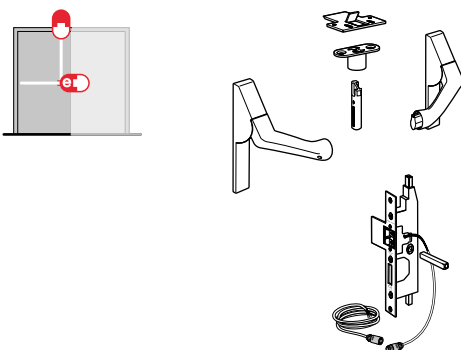


Specification text

PHA 2500 TRS RR with electric strike, double-leaf

Panic exit device with 20 mm deadbolt throw, compliant with EN 1125, with touch bar (type A according to EN 1125), for double-leaf narrow stile doors, door width up to 1500 mm, door height up to 3500 mm, door weight up to 200 kg, standard bar projection ≤ 100 mm according to classification 2, jam-free, no visible mounting screws. Active door leaf with TRS Extension rod at the top (use special electric strike plate 9366 or 9361 and spring-loaded snap lock) and anti-panic mortise lock with access, change-over or switching function, 35/40/45 mm backset, prepared for use with an electronic thumbturn

cylinder (PC). Inactive door leaf with TRS Extension rod at the top and lock strike box with electric strike, 10–28 V AC/DC, feedback contact, 10 m detachable plug connection cable, backset 35/40/45/50/55/60/65 mm, including spring-loaded snap lock. Approved for installation on fire and smoke doors. Additional certificate of suitability required for the fire or smoke door concerned. Suitable for use in combination with additional SafeRoute electrical escape route security system in accordance with EltVTR and EN 13637. All products in the PHA 2500 series carry the CE mark.

Product	DIN	Backset	Lock function	Order No.
S1 PHA 2521 TRS double-leaf, inactive door leaf, 1-point locking device, open forend 	L	35	–	35014 255514xx
		40	–	35014 255518xx
		45	–	35014 255522xx
		50	–	–
		55	–	35014 255507xx
		60	–	–
		65	–	35014 255509xx
	R	35	–	35014 255513xx
		40	–	35014 255517xx
		45	–	35014 255521xx
		50	–	35014 255525xx
		55	–	35014 255510xx
		60	–	35014 255511xx
		65	–	35014 255512xx
S1 PHA 2522 TRS double-leaf, inactive door leaf, 1-point locking device, lug forend 	L	35	–	35014 255516xx
		40	–	35014 255520xx
		45	–	35014 255524xx
		50	–	–
		55	–	35014 255501xx
		60	–	35014 255502xx
		65	–	35014 255503xx
	R	35	–	35014 255515xx
		40	–	35014 255519xx
		45	–	35014 255523xx
		50	–	–
		55	–	35014 255504xx
		60	–	35014 255505xx
		65	–	35014 255506xx

Required accessories on the inactive leaf			Order No.
S2 PHA Connecting rod for PHA 2500	PHA 2104, Length 830 mm for door widths up to 1,000 mm		35014 210400xx
	PHA 2105, Length 1,130 mm for door widths up to 1,300 mm		35014 210500xx
	PHA 2106, Length 1,330 mm for door widths up to 1,500 mm		35014 210600xx
S3 PHA 2160 TRS Extension rod at the top for PHA 2500 TRS, tube Ø 10 mm	for door height up to 2,500 mm		35014 21600000
	for door height up to 3,000 mm		35014 000047
	for door height up to 3,500 mm		35014 000040

Locks with dogging device for lock function E (Change-over) on request
For description of lock functions see pages 6, 7

xx = Colour
01 = Silver
04 = Stainless steel finish

Spindles: Note advisory on page 30

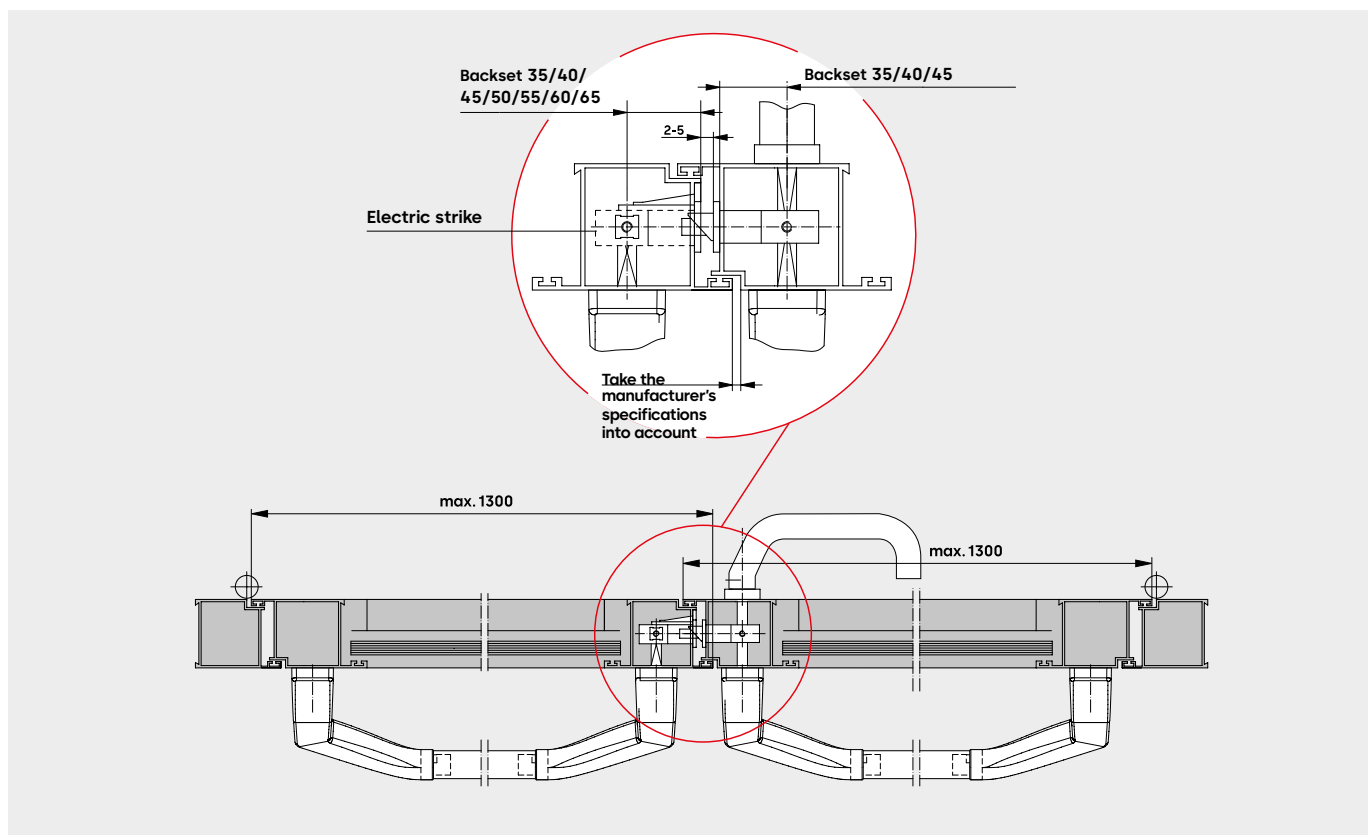


Note

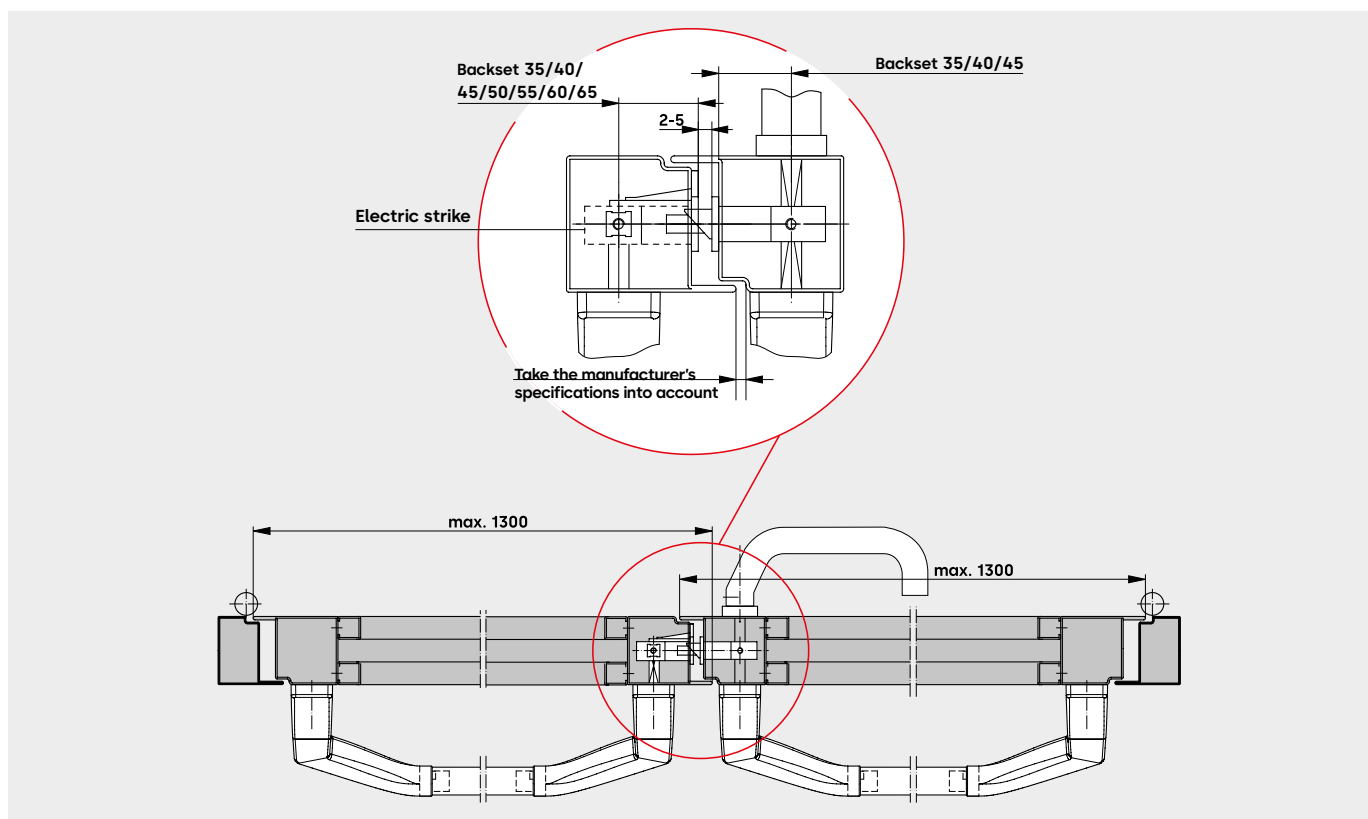
The PHA 2521 TRS or PHA 2522 TRS inactive leaf lock is not compatible with existing locks manufactured before 2011. See dimensional drawings.

Complete packages PHA 2500 Panic Hardware System

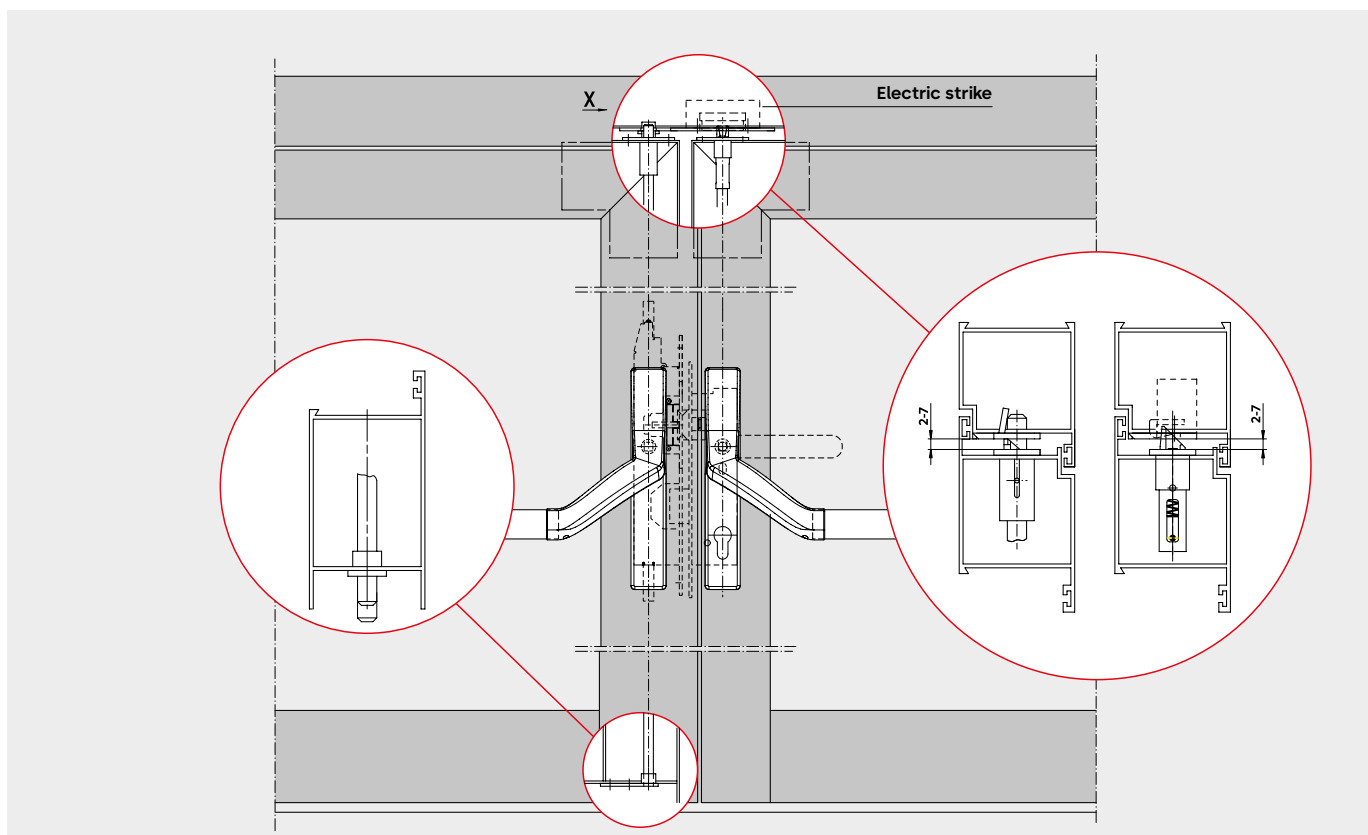
Installation drawings 2-leaf with extension rods



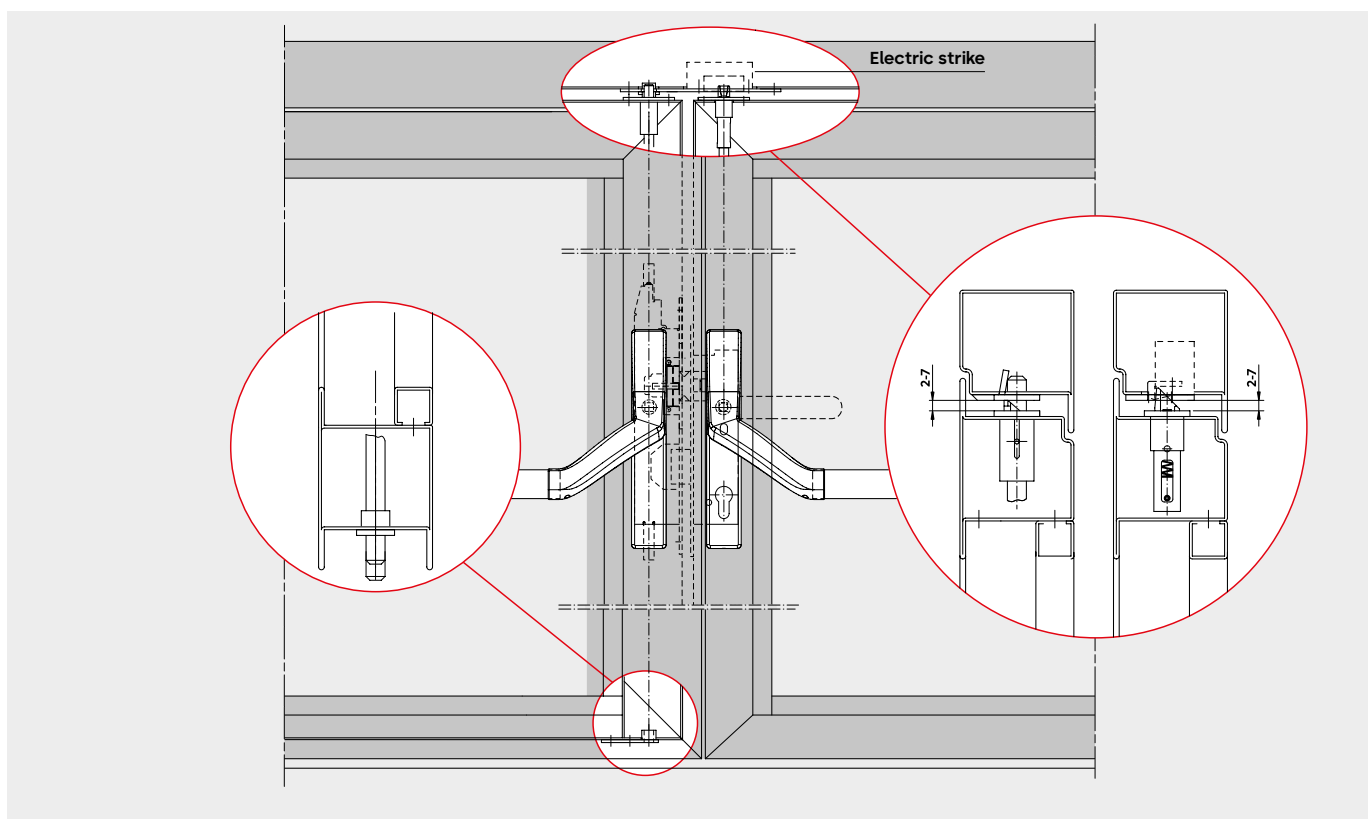
Horizontal locking device with electric strike on an aluminium narrow stile door (Note the instructions for use on page 30)



Horizontal locking device with electric strike on a steel narrow stile door (Note the instructions for use on page 30)

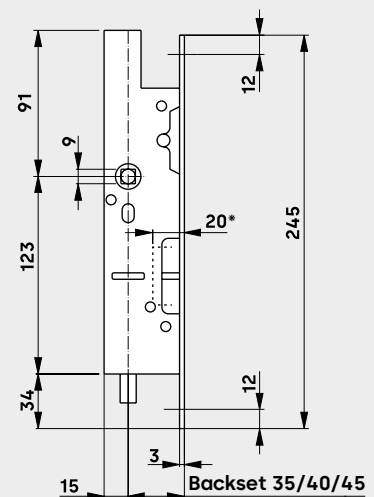
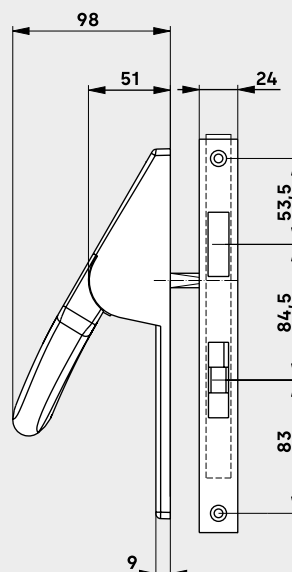
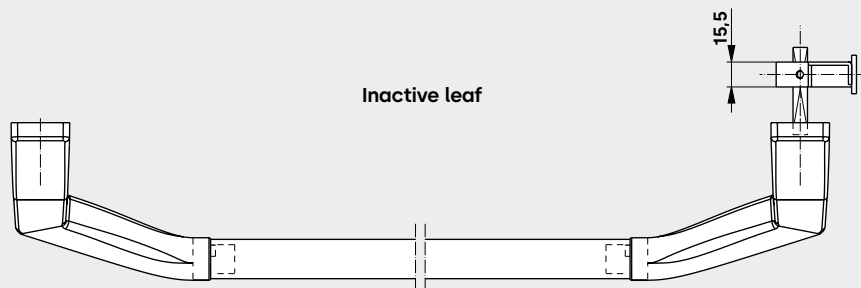
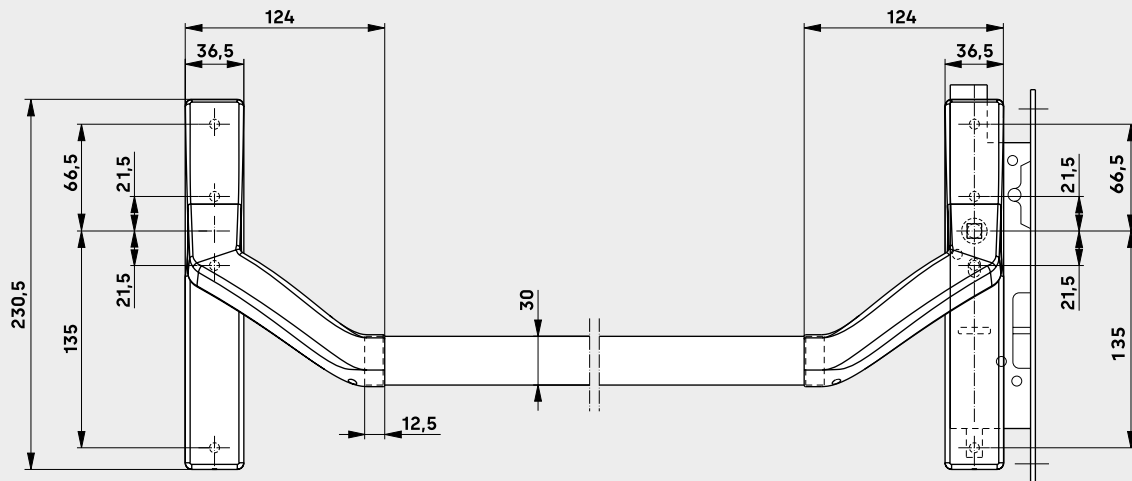


Vertical locking device with electric strike on the active door leaf of an aluminium narrow stile door – Floor keep required for panic exit devices according to EN 1125 (see page 41)

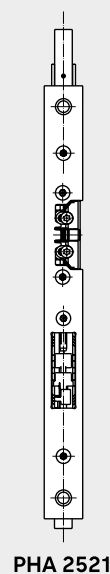
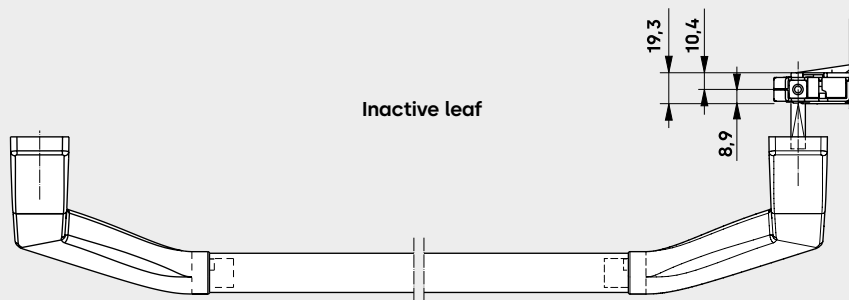


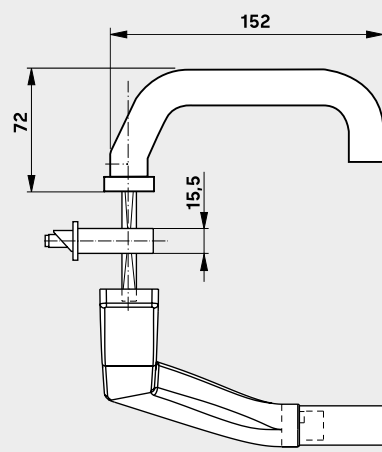
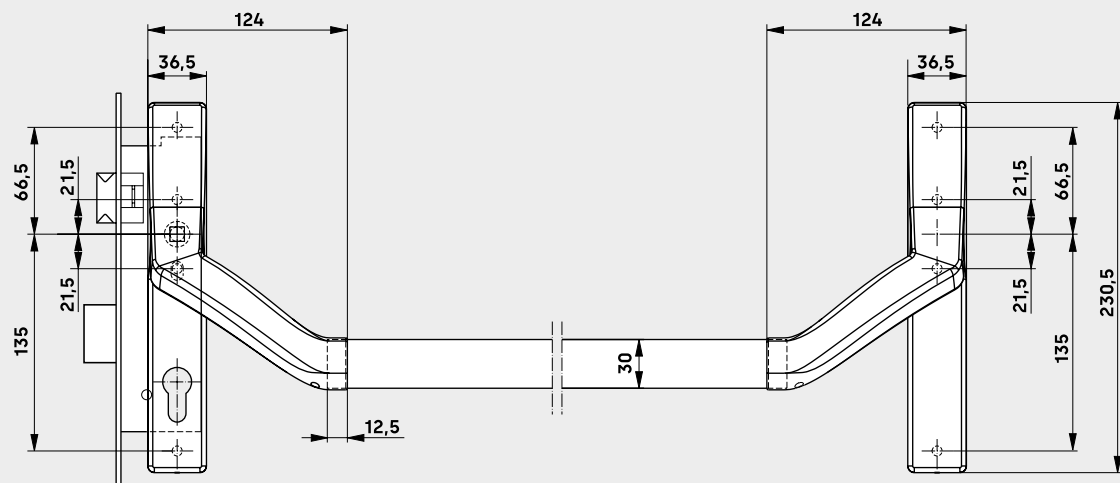
Vertical locking device with electric strike on the active door leaf of a steel narrow stile door – Floor keep required for panic exit devices according to EN 1125 (see page 41)

Complete packages PHA 2500 Panic Hardware System

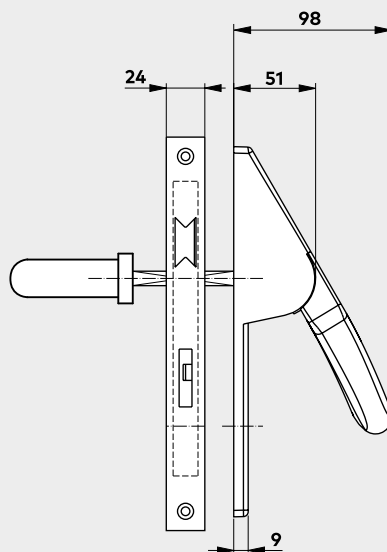
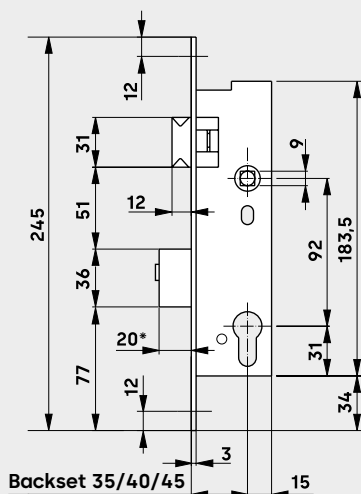


Dimensional drawings 2-leaf with electric strike in inactive leaf latch





Active leaf

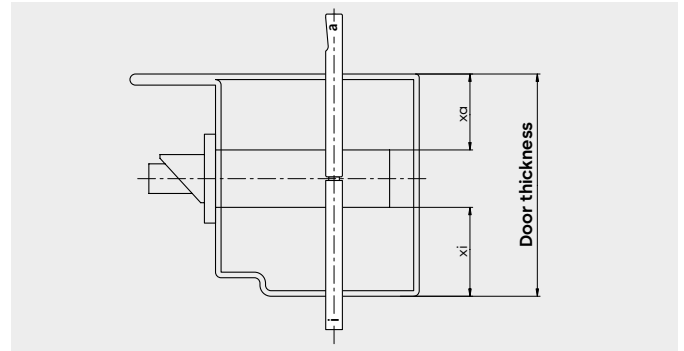


* 20 mm deadbolt throw.
Never combine older variants with 15 mm deadbolt throw (manufactured up until around 2011) with current variants! When replacing existing fittings, replace both active and inactive leaf lock, if necessary!

Application notes

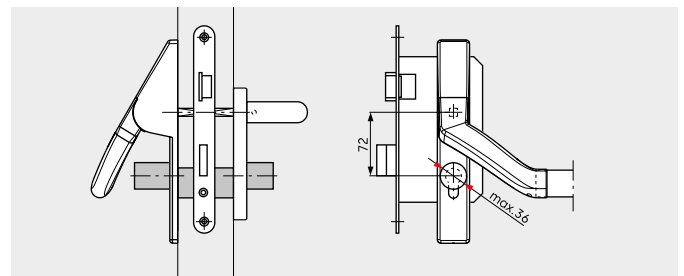
Spindles

The spindles included in the scope of supply of the PHA 2500 system are designed for door thicknesses of 40–103 mm. In the case of locks with functions D and B (split follower), a central lock fit is necessary for these spindles. In the case of door leaf thicknesses outside the given ranges and/or an asymmetric lock fit, the corresponding spindle will need to be separately ordered. Please ensure that all the relevant drawing dimensions are indicated.



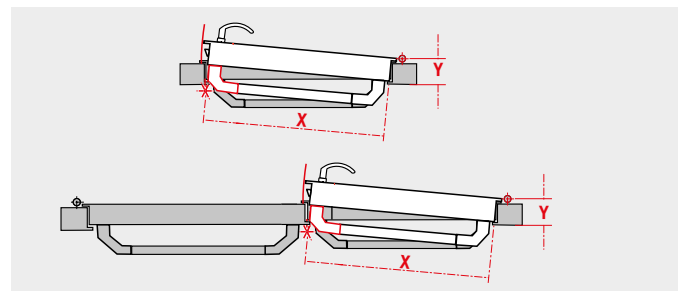
PHA 2500 with an electronic knob cylinder

Use of an electronic knob cylinder according to certificate of conformity 0432-BPR-0066 PHA 2500.

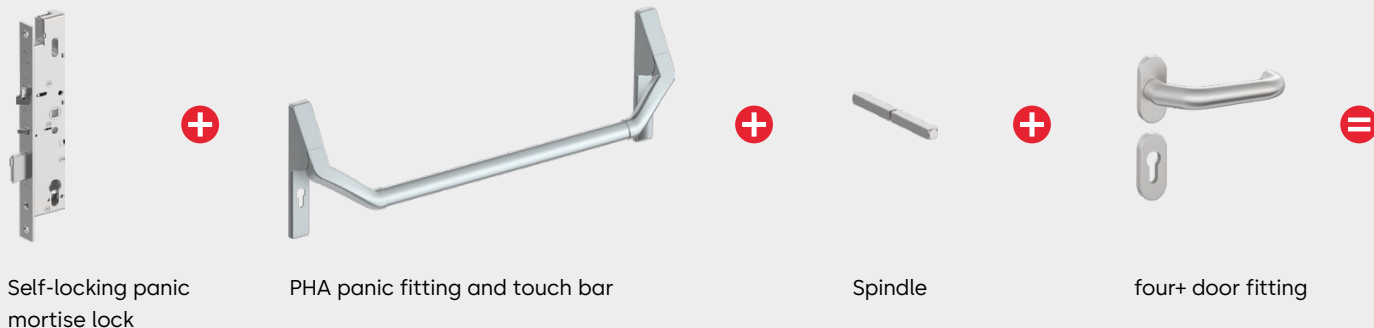


Door situation

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 dormakaba will gladly give you installation suggestions.



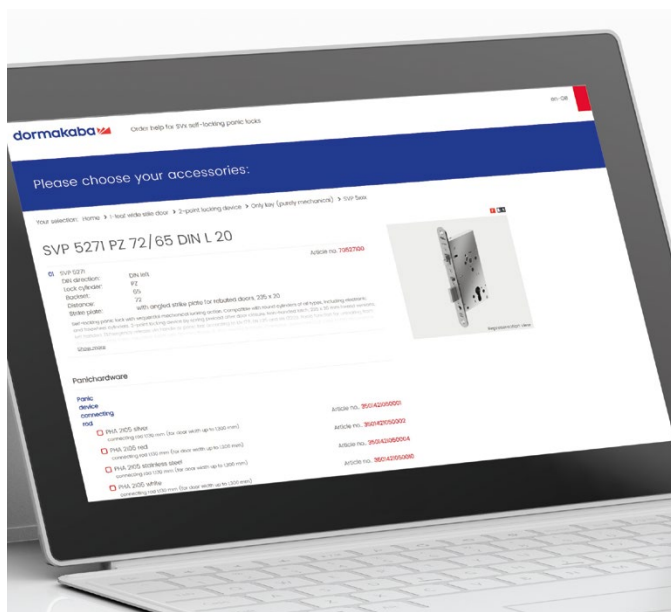
Configuration of panic fitting to individual requirements



EN 1125 compliant

The dormakaba door lock range offers comprehensive solutions for single-leaf and double-leaf doors. In combination with a PHA 2500 panic fitting, not only are the requirements of EN 1125 met, but complex door requirements can also be realised.

- Insurance-proof lock with two-point locking via bolt and cross latch (SVP and SVA lock combinations)
- Increased security thanks to multi-point locking systems (M-SVP locks)
- Fully mechanical locks, e.g. for retrofitting existing door systems
- Electronic switch locks, e.g. for monitored doors in connection with access control systems
- Motorised locks, e.g. for barrier-free automatic doors
- All locks are available in various designs, backsets and lock cylinder types.

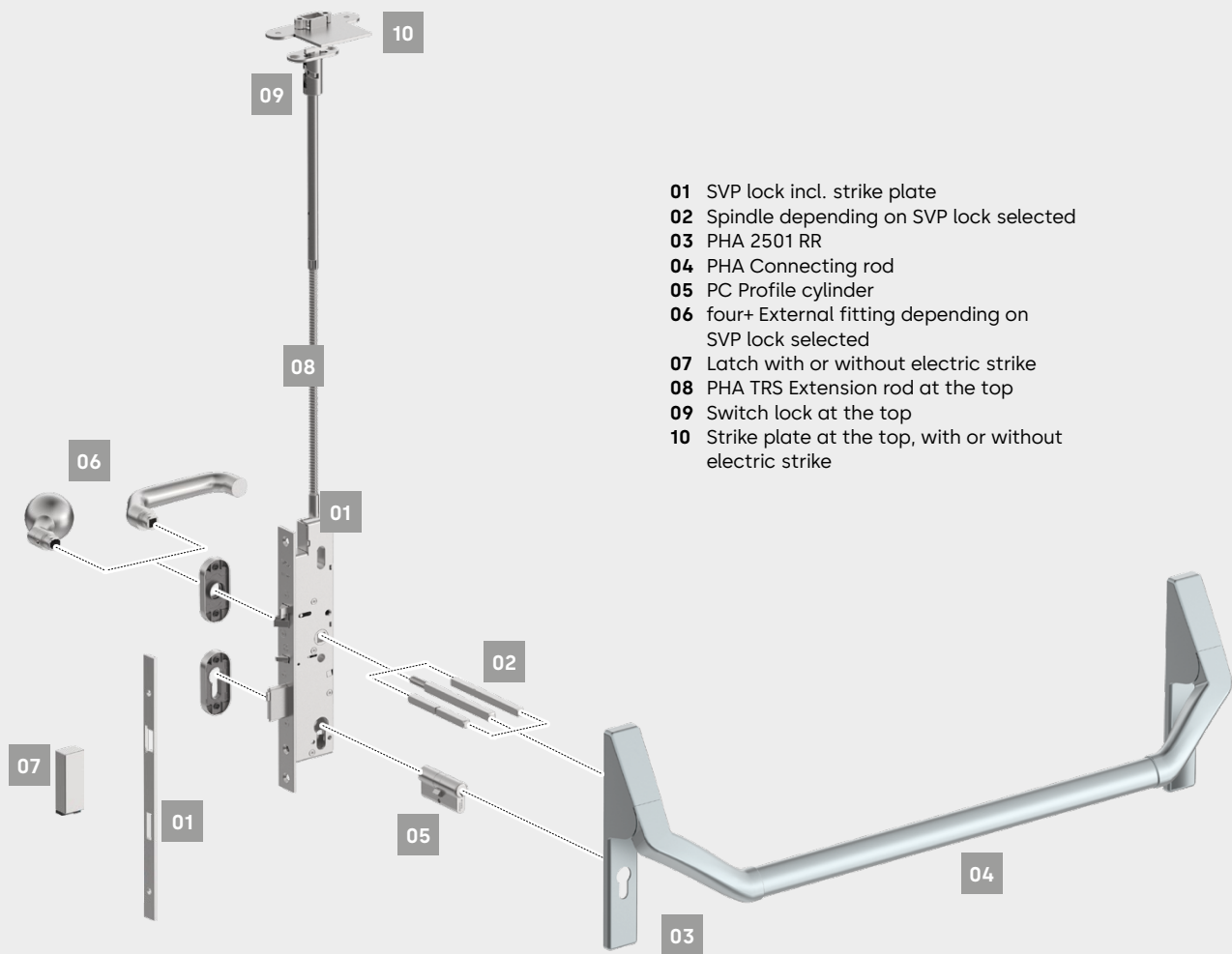


Simply online: Buying guide
svpassist.dormakaba-tools.de/en-GB



Individual configuration

Selection of SVP lock for 1-leaf doors



- 01 SVP lock incl. strike plate
- 02 Spindle depending on SVP lock selected
- 03 PHA 2501 RR
- 04 PHA Connecting rod
- 05 PC Profile cylinder
- 06 four+ External fitting depending on SVP lock selected
- 07 Latch with or without electric strike
- 08 PHA TRS Extension rod at the top
- 09 Switch lock at the top
- 10 Strike plate at the top, with or without electric strike

Essential requirement: The door can always be opened from the inside (emergency escape function) and locks automatically after each closure (insurance-compliant lock).

Access from outside only with a key ...	... and using a lever handle and/or electric access control systems	... and/or electric access control systems or automation
Without wiring (mechanical solution)	Electrically monitored emergency-escape lock	Without wiring (battery-powered emergency-escape lock)
		Electrically activated monitored external lever handle
		Motor lock, can be electrically unlocked and monitored e.g. in Bus system (DCW®/CAN), SafeRoute or ED 100/250
SVP 5xxx + four+ 916 Handle/ Knob spindle + four+ 216 Knob + Oval rosette PC + PHA 2501 RR + PHA Connecting rod	SVP 4xxx + four+ 916 Handle/ Knob spindle + four+ 216 Knob + Oval rosette PC + PHA 2501 RR + PHA Connecting rod	SVP 7xxx Air + PHS 5S Split spindle + four+ 112 Lever handle + Oval rosette PC + PHA 2501 RR + PHA Connecting rod
		SVP 6xxx + PHS 5S Split spindle + four+ 112 Lever handle + Oval rosette PC + PHA 2501 RR + PHA Connecting rod
		SVP 2xxx oder SVP 2xxx F + four+ 916 Handle/ Knob spindle + four+ 216 Knob + Oval rosette PC + PHA 2501 RR + PHA Connecting rod

		SVP 5000	SVP 4000	SVP 6000	SVP 2000	SVP 2000 F	SVP 7000 Air
Approvals	Fire and smoke doors	●	●	●	● ²⁾	●	●
	EN 179/EN 1125	●	●	●	●	●	●
Emergency escape functions	Door opening from inside via lever handle/pushbar	●	●	●	●	●	●
	Forced closure function (C)	-	-	●	-	-	●
	Panic function (E) with lever handle/knob set	●	●	-	●	●	-
Unlock	From outside with key	●	●	●	●	●	●
	From outside via lever handle after electrical release (integration in access control systems)	-	-	●	-	-	●
	– Automatic reset of the release when the door fails to open	-	-	●	●	●	●
	– Adjustable unlock or relock time	-	-	-	●	●	-
	– Permanent door release	-	-	-	● ³⁾	● ⁵⁾	-
	Permanent access possible ¹⁾	-	-	●	-	-	●
	Motor lock (suitable for automatic doors)	-	-	-	●	●	-
	Automatic switching off of permanent open/permanent door release if there is a power failure	-	-	●	○ ³⁾	○ ³⁾ 5)	-
	Suitable for electronic cylinders	●	●	●	●	●	●
Monitoring	Message "Door open/closed"	-	●	●	●	●	-
	Message "Door locked/unlocked"	-	●	●	●	●	-
	Message "Lever handle operation/emergency escape function"	-	●	●	●	●	-
	Message "Cylinder locking"	-	●	●	●	●	-
	Sabotage line	-	●	●	●	●	-
	DCW®/CAN Bus interface	-	-	-	●	●	-
	Enabled SafeRoute® components	●	●	●	●	●	●
Break-in protection	Insurance compliant locking (dual-point locking device)	●	●	●	●	●	●
	Latch bolts	-	-	-	-	-	●
	Mechanical self-locking	●	●	●	●	●	●
Mode of operation	Mechanical (without wiring)	●	-	-	-	-	-
	battery-operated	-	-	-	-	-	●
	Mechanical with electrical monitoring	-	●	●	●	●	●
	Motorized unlocking	-	-	-	●	●	-
	Outside and inside lever handle simultaneously electric engageable/disengageable	-	-	-	-	-	-
	Outside handle electrically engageable/disengageable	-	-	●	-	-	●
Miscellaneous	Mechanical process control	●	●	●	●	●	●
	Electronic sequential control	-	-	-	●	●	-

● Yes – No ○ Optional

¹⁾ PERMANENT OPEN function also permissible on fire and smoke doors, as the doors have a tumbler in case of a fire.

²⁾ For fire and smoke doors in conjunction with the PR module (emergency power storage).

³⁾ In fire and smoke doors not approved for permanent door release, as tumbler is not guaranteed in the event of a fire.

⁴⁾ In combination with SVP-S Air or via hand-held transmitter.

⁵⁾ Only in combination with the ED 100/250, the SVP-S 4x control unit (firmware 4.7 and higher) or SafeRoute (firmware 1.9).

I For detailed information on lock variants, dimensional drawings and order numbers, please refer to the 'Self-locking panic mortise locks SVP, SVA/SVI, M-SVP' brochure.

F Certificate of suitability

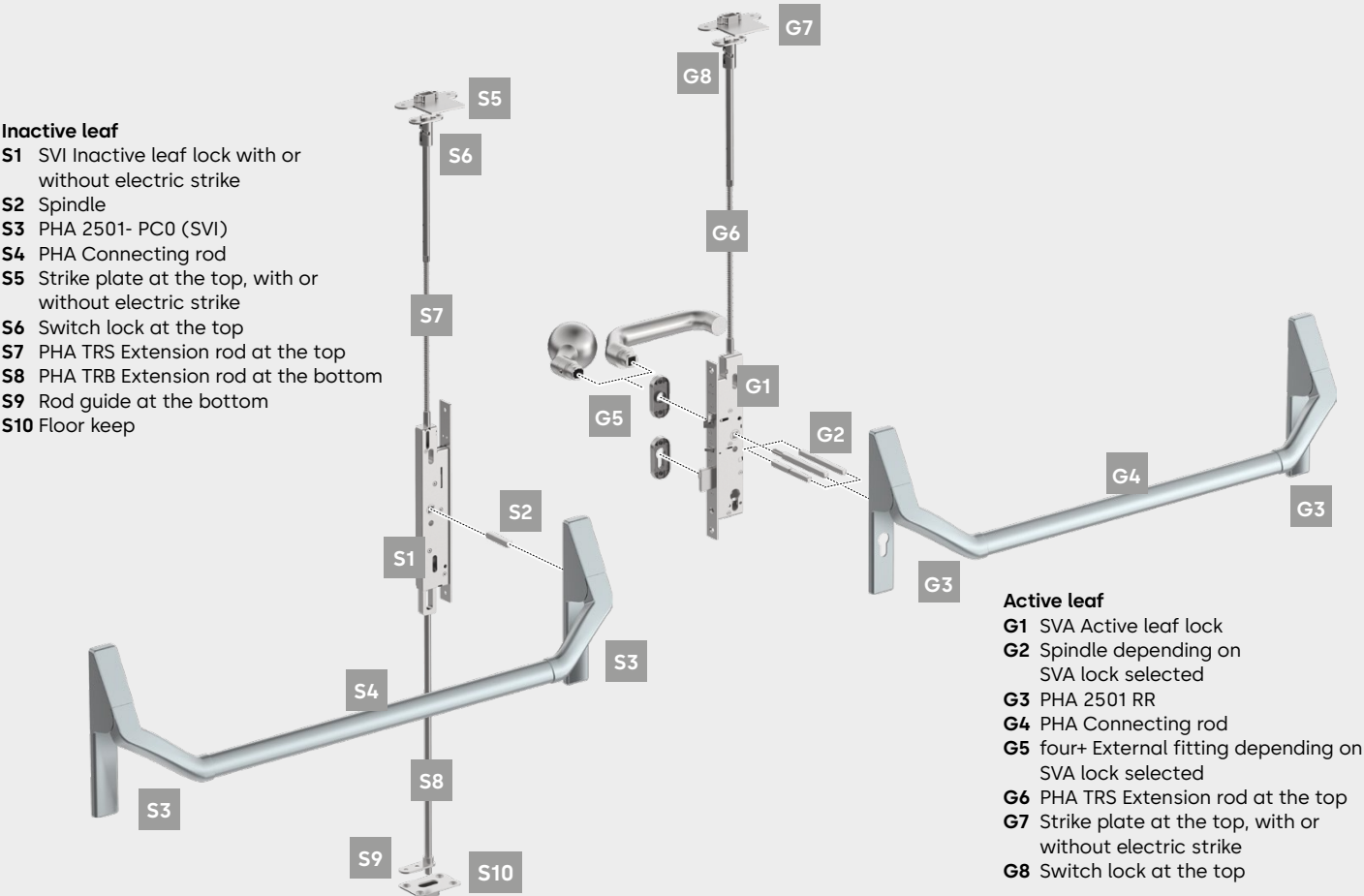
The SVP locks with automatic locking action have been approved and quality-tested by the notified body MPA in Dortmund. An approval or verification of suitability in conjunction with the respective fire and smoke door may be required.



The SVP locks in combination with lever handles and panic bars from various manufacturers have been certified according to EN 179 "Emergency exit devices operated by a lever handle or push pad" and EN 1125 "Panic exit devices operated by a horizontal bar", and therefore carry the CE mark of conformity.

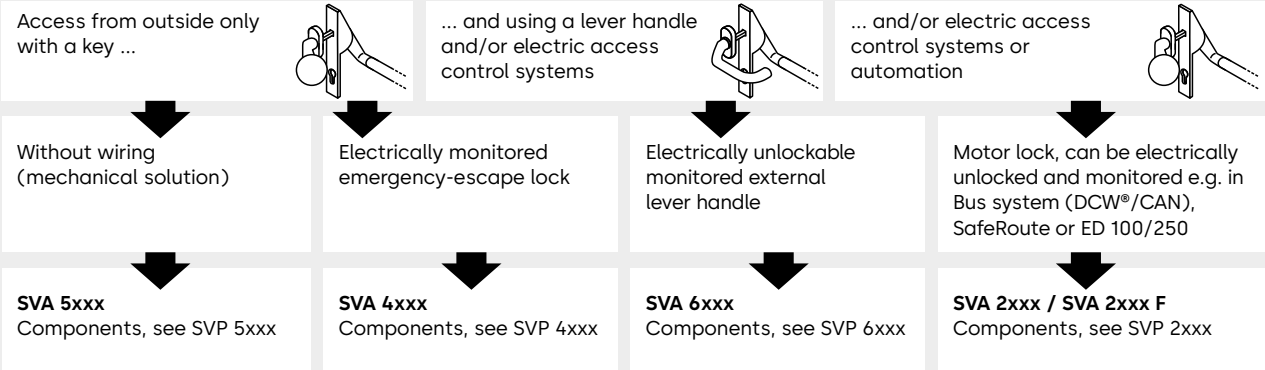
Individual configuration

Selection of SVA/SVI lock for 2-leaf doors



Essential requirement: The door can always be opened from the inside (emergency escape function) and locks automatically after each closure (insurance-compliant lock).

G1: Determine the lock for the active door leaf



S1: Select the lock for the inactive door leaf depending on the active leaf lock

Possible combinations SVA active door leaf locks/SVI inactive door leaf locks			
SVA 5xxx	●	○	–
SVA 4xxx / SVA 6xxx	●	●	–
SVA 2xxx / SVA 2xxx F	●	●	●
	SVI 5xxx Without wiring (mechanical solution)	SVI 4xxx Electrically monitored emergency-escape lock	SVI 2xxx F Motor lock, can be electrically unlocked and monitored e.g. in Bus system (DCW®/CAN), SafeRoute or ED 100/250

● Compatible ○ Optional – Not possible

		SVA active door leaf					SVI inactive door leaf		
		SVA 5000	SVA 4000	SVA 6000	SVA 2000	SVA 2000 F	SVI 5000	SVI 4000	SVI 2000 F
Approvals	Fire and smoke doors	●	●	●	● ²⁾	●	●	●	●
	EN 179/EN 1125	●	●	●	●	●	●	●	●
Emergency escape functions	Door opening from inside via lever handle/pushbar	●	●	●	●	●	●	●	●
	Forced closure function (C)	-	-	●	-	-	-	-	-
	Panic function (E) with lever handle/knob set	●	●	-	●	●	-	-	-
Unlock	From outside with key	●	●	●	●	●	-	-	-
	From outside via lever handle after electrical release (integration in access control systems)	-	-	●	-	-	-	-	-
	- Automatic reset of the release when the door fails to open	-	-	●	●	●	-	-	●
	- Adjustable unlock or relock time	-	-	-	●	●	-	-	-
	- Permanent door release ³⁾	-	-	-	●	● ⁵⁾	-	-	● ⁴⁾
	Permanent access possible ¹⁾	-	-	●	-	-	-	-	-
	Motor lock (suitable for automatic doors)	-	-	-	●	●	-	-	●
	Automatic switching off of permanent open/permanent door release if there is a power failure	-	-	●	○ ³⁾	○ ^{3) 5)}	-	-	-
	Suitable for electronic cylinders	●	●	●	●	●	-	-	-
Surveillance	Message "Door open/closed"	-	●	●	●	●	-	-	-
	Message "Door locked/unlocked"	-	●	●	●	●	-	●	●
	Message "Lever handle operation/emergency escape function"	-	●	●	●	●	-	●	●
	Message "Cylinder locking"	-	●	●	●	●	-	-	-
	Message "Extension rod"	-	-	-	-	-	-	●	●
	Sabotage line	-	●	●	●	●	-	-	-
	DCW®/CAN Bus interface	-	-	-	●	●	-	-	●
Break-in protection	Insurance compliant locking (dual-point locking device)	●	●	●	●	●	●	●	●
	Mechanical self-locking	●	●	●	●	●	●	●	●
Mode of operation	Mechanical (without wiring)	●	-	-	-	-	●	-	-
	Mechanical with electrical monitoring	-	●	●	-	-	-	●	-
	Motorized unlocking	-	-	-	●	●	-	-	●
	Outside and inside lever handle simultaneously electric engageable / disengageable	-	-	●	-	-	-	-	-
Miscellaneous	Mechanical process control	●	●	●	●	●	●	●	●
	Electronic sequential control	-	-	-	●	●	-	-	●

● Yes – No ○ Optional

¹⁾ PERMANENT OPEN function also permissible on fire and smoke doors, as the doors have a tumbler in case of a fire.

²⁾ For fire and smoke doors in conjunction with the PR module (emergency power buffer).

³⁾ In fire and smoke doors not approved for permanent door release, as approval is not guaranteed in the event of a fire.

⁴⁾ Depending on the SVA lock used on the active leaf.

⁵⁾ Only in combination with ED 100/250, SVP SS3x / S4x / S5x or SafeRoute.

1 For detailed information on lock variants, dimensional drawings and order numbers, please refer to the 'Self-locking panic mortise locks SVP, SVA/SVI, M-SVP' brochure.

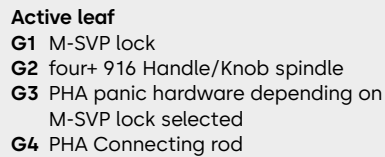
F Certificate of suitability

The SVA/SVI locks with automatic locking action have been approved and quality-tested by the notified body MPA in Dortmund. An approval or verification of suitability in conjunction with the respective fire and smoke door may be required.

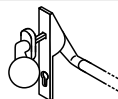


The SVA/SVI locks in combination with lever handles and panic bars from various manufacturers have been certified according to EN 179 "Emergency exit devices operated by a lever handle or push pad for escape route doors" and EN 1125 "Panic exit devices operated by a horizontal bar", and therefore carry the CE mark of conformity **CE**.

Selection of M-SVP lock for 1-leaf doors



Access from outside only with a key ...



A line drawing of a door handle assembly. It features a vertical plate with a horizontal handle. A lock cylinder is mounted on the plate, with a keyhole visible. A key is shown inserted into the keyhole. The handle is attached to the plate via a bolt.

M-SVP 5xxx
+ PHA 2501 RR
+ PHA Connecting rod
+ four+ 916 Handle/Knob spindle
+ four+ 216 Knob

M-SVP 3xxx without Bus system
+ PHA 2501 RR
+ PHA Connecting rod
+ four+ 916 Handle/Knob spindle
+ four+ 216 Knob
+ M-SVP 3000 control and dormakaba
KÜ/KS cable loop

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	M-SVP 5000 with PHA 2501 RR	M-SVP 3000 with PHA 2501 RR	M-SVP 2200 DCW® with PHA 2540 RR
3-point locking	●	●	●
Rotating bolts and sliding bolts	–	–	●
Latch bolts	●	●	–
Motorised automatic locking action	–	–	●
Mechanical locking	●	●	–
Motorised unlocking via access control	–	●	●
Mechanical unlocking via the lever handle (emergency escape function)	●	●	●
Mechanical unlocking via profile cylinder	●	●	●
Suitable for electronic cylinders	●	●	●
Free wheel cam cylinders (forced disengagement required)	–	–	●
Integration in access control systems	–	●	●
Permanent door release (lock latch and all deadbolts retracted)	–	●	●
Day latch function (deadbolt retracted, lock latch deployed)	–	–	●
Message "Door open/closed"	–	●	●
Message "Door locked/unlocked"	–	–	●
Message "Handle operation/panic function"	–	–	●
DCW® interface, can be directly integrated in ED	–	–	●
Adjustment range Relocking time	–	–	●
Automatic reset of the enabling when the door fails to open	–	●	●
Approval in accordance with EN 179	●	●	●
Approval in accordance with EN 1125	●	●	●
Approved for fire and smoke doors	●	●	●

● Yes – No



For detailed information on lock variants, dimensional drawings and order numbers, please refer to the 'Self-locking panic mortise locks SVP, SVA/SVI, M-SVP' brochure.

F Certificate of suitability

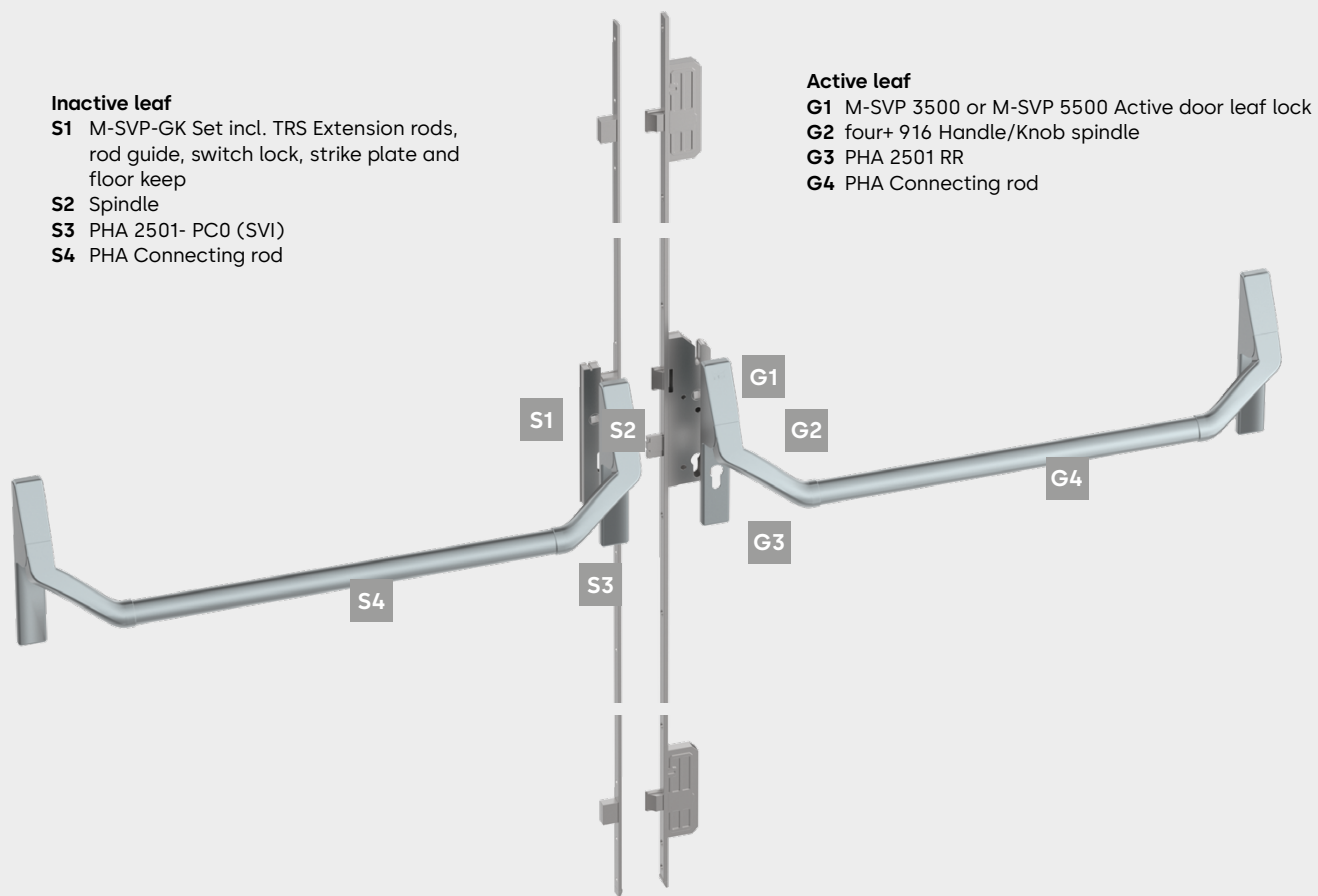
The M-SVP locks with automatic locking function are tested and quality-monitored by the notified body MPA in Dortmund. An approval or verification of suitability in conjunction with the respective fire and smoke door may be required.



The M-SVP locks are certified in conjunction with lever handles and panic bars from various manufacturers in accordance with EN 179 "Emergency exit devices operated by a lever handle or push pad" and EN 1125 "Panic exit devices operated by a horizontal bar", and therefore carry the conformity mark CE.

Individual multi-point locking system configuration

Selection of M-SVP lock and M-SVP-GK lock case for 2-leaf doors



Essential requirement: The door can always be opened from the inside (emergency escape function) and locks automatically after each closure (insurance-compliant lock).

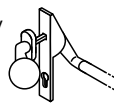
Lock counter case for inactive leaf

Without wiring (mechanical solution)

M-SVP-GK Set incl.
Extension rods, etc.
+ PHA 2525 RR Panic hardware
+ PHA Connecting rod
+ 114FS Spindle

Lock variants for active leaf

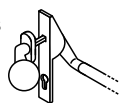
Access from outside only
with a key ...



Without wiring (mechanical solution)

M-SVP 55xx
+ PHA 2501 RR Panic hardware
+ PHA Connecting rod
+ four+ 916 Handle/Knob spindle
+ four+ 216 Knob

... and/or electric access
control systems or
automation



Motor lock, can be electrically
unlocked and monitored

M-SVP 35xx without Bus system
+ PHA 2501 RR Panic hardware
+ PHA Connecting rod
+ four+ 916 Handle/Knob spindle
+ four+ 216 Knob
+ M-SVP 3000 control and
dormakaba KÜ/KS cable loop

	M-SVP 5500 with PHA 2501 RR	M-SVP 3500 with PHA 2501 RR
3-point locking	●	●
Rotating bolts and sliding bolts	–	–
Latch bolts	●	●
Motorised automatic locking action	–	–
Mechanical locking	●	●
Motorised unlocking via access control	–	●
Mechanical unlocking via the lever handle (emergency escape function)	●	●
Mechanical unlocking via profile cylinder	●	●
Suitable for electronic cylinders	●	●
Free wheel cam cylinders (forced disengagement required)	–	–
Integration in access control systems	–	●
Permanent door release (lock latch and all deadbolts retracted)	–	●
Day latch function (deadbolt retracted, lock latch deployed)	–	–
Message "Door open/closed"	–	●
Message "Door locked/unlocked"	–	–
Message "Handle operation/panic function"	–	–
DCW® interface, can be directly integrated in ED	–	–
Adjustment range Relocking time	–	–
Automatic reset of the enabling when the door fails to open	–	●
Approval in accordance with EN 179	●	●
Approval in accordance with EN 1125	●	●
Approved for fire and smoke doors	–	–

● Yes – No



For detailed information on lock variants, dimensional drawings and order numbers, please refer to the 'Self-locking panic mortise locks SVP, SVA/SVI, M-SVP' brochure.

F Certificate of suitability

The M-SVP locks with automatic locking function are tested and quality-monitored by the notified body MPA in Dortmund. An approval or verification of suitability in conjunction with the respective fire and smoke door may be required.



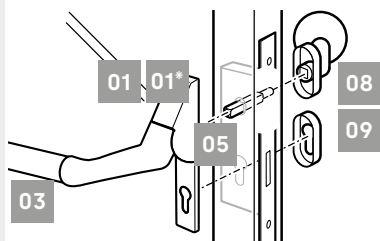
The M-SVP locks are certified in conjunction with lever handles and panic bars from various manufacturers in accordance with EN 179 "Emergency exit devices operated by a lever handle or push pad" and EN 1125 "Panic exit devices operated by a horizontal bar", and therefore carry the conformity mark CE.

Custom Selection

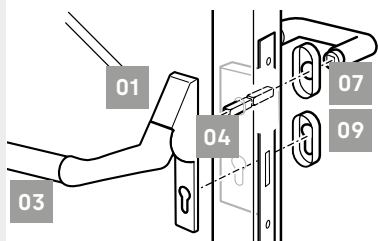
Individual Items

Individual door or active door leaf lock

SVP-/ SVA 5xxx
SVP-/ SVA 4xxx
SVP-/ SVA 2xxx
SVP-/ SVA 2xxx F
M-SVP* xxxx

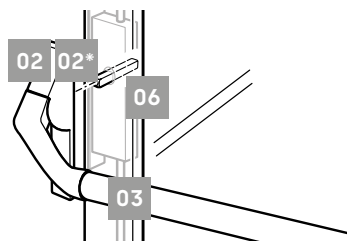


SVP-/ SVA 6xxx
SVP 7xxx Air



Inactive door leaf lock

SVI 5xxx, SVI 4xxx, SVI 2xxx F
M-SVP-GK



PHA 2501

Tested according to EN 1125 with dormakaba emergency-escape locks. Door widths up to 1,500 mm, door height up to 3,500 mm, standard bar projection <= 100 mm according to EN 1125 grade 1, jam-free, no visible mounting screws. Suitable for the use of europrofile cylinders (PC) and knob cylinders up to a diameter of 36 mm. Silver-coloured.

	Order no.
01 PHA 2501 RR Panic door fitting without connecting rod, can be used on narrow stile doors with SVP, SVA and M-SVP locks, distance 92 mm.	3501445130101
01* PHA 2540 RR Panic door fitting without connecting rod, can be used on narrow stile doors with M-SVP 2200 locks, distance 92 mm.	3501445134001
02 PHA 2501- PC0 (SVI) Panic door fitting without connecting rod, can be used on inactive door leaf of double-leaf timber or narrow stile doors with SVI lock. With blind cover, for use without cylinder, silver-coloured.	3501445150101
02* PHA 2525 Panic door fitting without connecting rod, can be used on inactive leaf with M-SVP-GK inactive leaf locks.	3501445140101

PHA connecting rods

for PHA 2500, door widths up to 1,500 mm, silver.

	Order no.
03 PHA 2104, Length 830 mm for door widths up to 1,000 mm	35014 21040001
PHA 2105, Length 1,130 mm for door widths up to 1,300 mm	35014 21050001
PHA 2106, Length 1,330 mm for door widths up to 1,500 mm	35014 21060001

FP spindles 9 x 9 mm

	Order no.
04 PHS 5S Split spindle, 9 mm square, consisting of inside part 9 x 9 x 38.5 mm and a set of outside parts 9 x 9 x 46 mm, 9 x 9 x 53 mm, 9 x 9 x 56.5 mm and 9 x 9 x 60 mm, for use with locks with split follower (SVA 6xxx, SVP 6xxx, SVP 7xxx Air) and PHA 2501	3501478630501
05 four+ 916 Handle/Knob spindle RR, 9 x 9 mm in combination with four+ 112/216 lever handle/knob set (EN 179) For 35–50 mm door thickness, length 90 mm For 51–65 mm door thickness, length 105 mm For 66–80 mm door thickness, length 120 mm	71000629 71000630 71000631
06 114FS spindle, 9 x 9 mm For inactive leaf sets, 105 mm (individually cut to length)	90050052907



* Recommendations apply to locks with profile cylinder PC and a distance A of 92 mm for narrow stile doors.

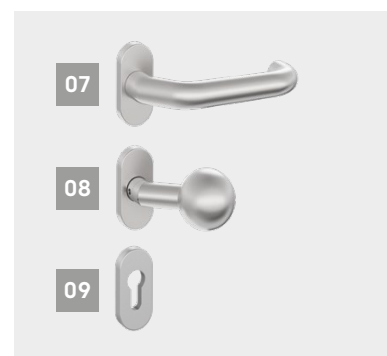


four+ door fittings for narrow stile doors **NEW**

suitable for fire doors in accordance with EN 1906-C1 and DIN 18273, L/R, matt stainless steel finish

	Article no.
07 four+ 112 Lever handle on oval rosette Half set, 9 mm, FS, EN 179, without spindle	71000603
08 four+ 216 Knob on oval rosette Half set, without handle/knob spindle	71000604
09 four+ 316 Key rosette, oval with PC profile punched	71000605

RR = narrow stile
FS = fire protection



Rod lock system for SVI locks

SVI set

Accessories required for installing SVI locks and extension rods. Contains: bottom deadbolt guide plate, mounting aid lock/drive deadbolt, dormakaba torque tool, switch lock and top frame strike plate.

	Article no.
10 SVI set 20 mm Installation on rebate doors with angle strike plate. 20 mm top frame strike plate.	70010291
SVI set 24 mm Installation on non-rebated or narrow stile doors with lipped or flat strike plates. 24 mm top frame strike plate	70010290

Extension rod set

Extension rod set consisting of top and bottom extension rods. Used in connection with SVI locks.

	Article no.
11 SVI TRS 25 Extension rod set for doors up to 2.5 m	70932305
SVI TRS 35 Extension rod set for doors up to 3.5 m	70932306

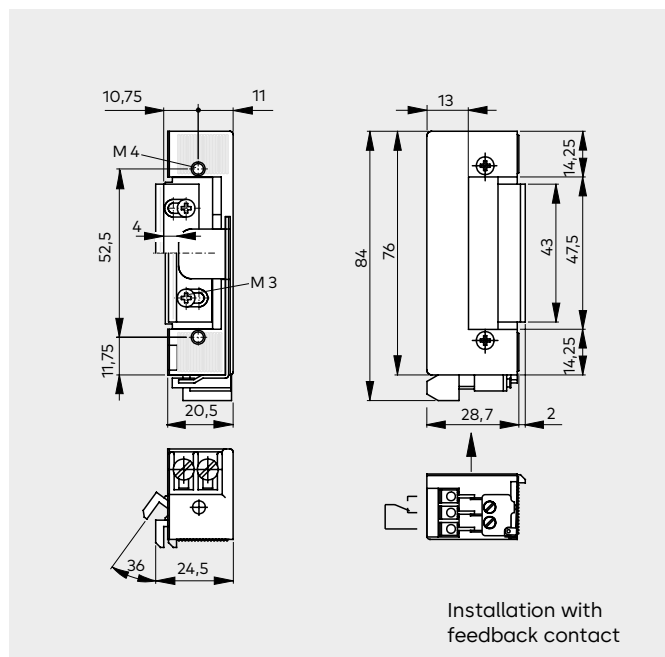
Floor keep

Floor keep for locking device of the bottom extension rod on the inactive door leaf. Required for emergency exit devices according to EN 1125.

	Article no.
12 PHA 2122-0 (0 mm)	3501421220000
PHA 2122-2 (-2 mm)	3501421222000
PHA 2122-4 (-4 mm)	3501421224000
13 PHA 2121 +/-2 Flexible floor keep. Flexibly adjustable (+/- 2 mm)	3501421210000

Accessories

Electrical door openers



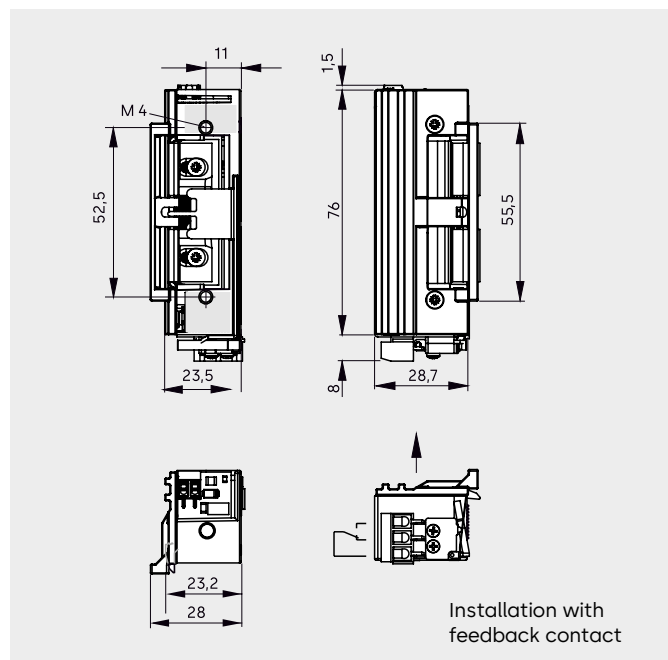
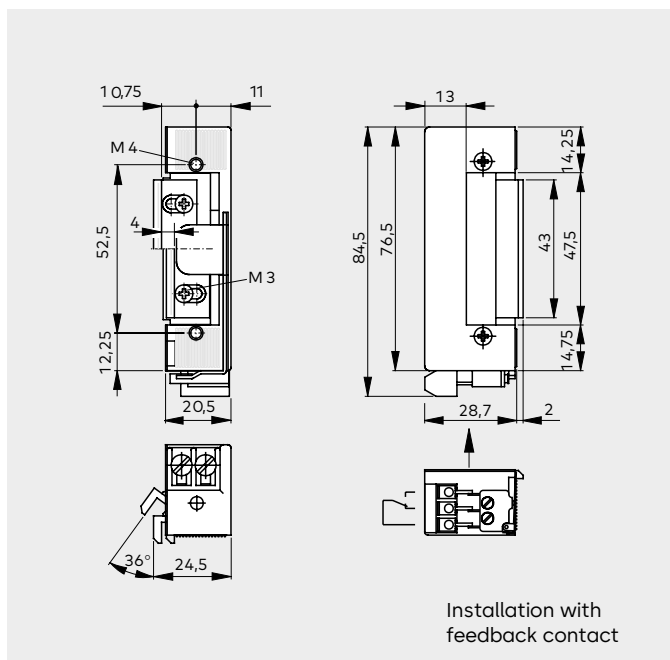
Smoke series electric strike

Smoke series electric safety strike for use on smoke doors, with adjustable latch, suitable for rebate and non-rebated doors, DIN-L and DIN-R.

Design		Voltage	Unlocking function (E)	Holding function (A)	Monitor contact (RR)	Easy Adapt	Type	Order No.	
Smoke on smoke doors	Operating current	6–12 V AC/DC	–	–	–	–		15117006	
			–	–	●	–	RR	15117906	
		12 V AC	–	–	–	–		15117011	
			–	–	●	–	RR	15117911	
		12 V DC 100% ED	–	–	–	–		15117012	
			–	–	●	–	RR	15117912	
24 V DC 100% ED		–	–	–	–		15117024		
		–	–	●	–	RR	15117924		
Smoke 448 Lucky Strike on smoke doors		12–24 V DC 100% ED	–	–	–	–		15117048	
			–	–	●	–	RR	15117948	
			–	–	–	●		15117047	
			–	–	●	●	RR	15117947	
		Fire 447 on fire and smoke doors	6–12 V AC/DC	–	–	–	–		15147106
				–	–	●	–	RR	15147506
12 V AC			–	–	–	–		15147111	
			–	–	●	–	RR	15147511	
12 V DC 100% ED		–	–	–	–		15147112		
		–	–	●	–	RR	15147512		
		Fire 448 Lucky Strike on fire and smoke doors	12–24 V DC 100% ED	–	–	–	–		15147148
				–	–	●	–	RR	15147548
			–	–	–	●		15147147	
			–	–	●	●	RR	15147547	

Contact rating: max. 48 V, 1 A (RR model)

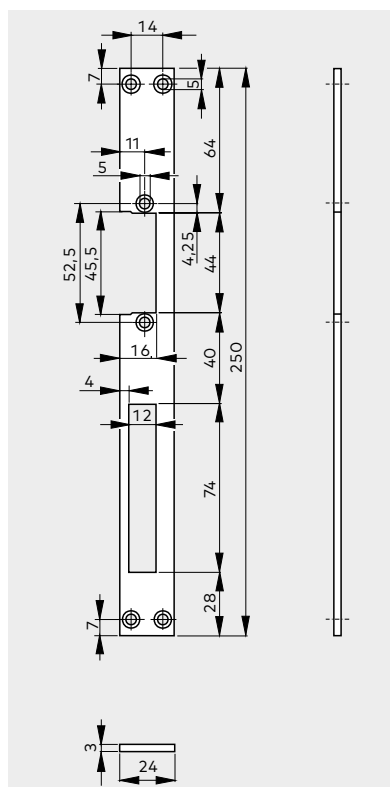
● Yes – No



Fire series 447 / Fire 448 electric strike

447/448 series electric safety strike for use in any position on fire and smoke doors, with adjustable latch, suitable for rebate and non-rebated doors, DIN-L and DIN-R.

Strike plate for latch

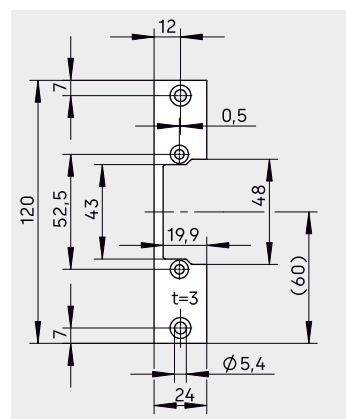


FLM 24 strike plate for electric strikes

Flat strike plate made of stainless steel, DIN-R and DIN-L, can be used in combination with Smoke and Fire 447/448 series electric strikes.

Order No. 15180224

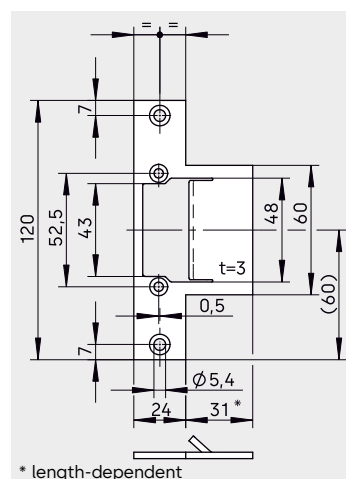
Strike plates for TRS Extension rods



PHA 9361 strike plate for electric strikes

in combination with PHA 2500 TRS (1-leaf and 2-leaf doors, active leaf), for use with the Basic 117 or Smoke and Fire 447/448 series electric strikes.

Order No. 35014 93610000



PHA 9366 lipped strike plate for electric strikes

in combination with PHA 2500 TRS (1-leaf and 2-leaf doors, active leaf), for use with the Basic 117 or Smoke and Fire 447/448 series electric strikes.

Order No. 35014 93660000



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.

At dormakaba, we are dedicated to find sustainable solutions that reduce the environmental impact of both our operations and our products. To ensure transparency regarding our products' environmental impacts, we offer credentials such as Environmental Product Declarations (EPD), Health Product Declarations (HPD), and Recycled Content Certificates. These sustainability-related credentials provide insights into energy efficiency, material composition, recyclability, and compliance, empowering our customers to make informed choices and support their own sustainability objectives.

Download our sustainability-related product declarations and certifications here: <https://www.dormakabagroup.com/en/sustainability/product-declarations>



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 05625351532, EN, 08/2026
Subject to technical modifications.



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