



Certificate of constancy of performance 0432-CPR-00026-01

Version 05

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction products Regulation or CPR), this certificate applies to the construction product

Panic exit devices narrow stile

Panic exit devices operated by a horizontal bar for single and double leaf doors as detailed on appendix 2 and with the intended use as detailed in annex 4,

placed on the market under the name or trade mark of

dormakaba Deutschland GmbH

DORMA Platz 1 58256 Ennepetal Germany

and produced in the manufacturing plant(s)

17.70

see annex 1

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in annex ZA of the standard(s)

EN 1125:2008

under **system 1** for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

constancy of performance of the construction product.

This certificate was first issued on 26.02.2015 and will remain valid until 24.01.2025 as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Dortmund, 02.12.2020

By order

Dipl.-Ing. (FH) T. Wilms

Head of Certification Body Department 22.30.2

This Certificate consists of 1 page and 4 annexes.

This Certificate replaces the Certificate no. 0432-CPR-00026-01 dated 24.01.2020, Version 04.

DAKKS

Deutsche
Akkreditierungsstelle

The original of this document was issued in German language.





Panic exit devices according DIN EN 1125 for single leaf doors

Description:

Panic exit devices narrow stile

Locking devices

HA 2500 for sing	gie iea	1 40015, 1-pc	mit-locking					
ltem	VS- Type	Function	Backset	DIN	Distance	Forend	Accessories ¹⁾	Classification
PHA 2500 ^{b)}	В	Function III Function I Function IV	35-45 mm	L/R	92 mm PZ	≥22 mm	Strike plate 9324, 9322, 9624, 9622 lever pin PH 150, PH 170, PH 180	317171B111312121A1B
1110 2300	В	Function I Function IV	35mm	L/R	94 mm RZ	≥24 mm	Strike plate 9324, 9322, 9624, 9622 lever pin PH 150, PH 170, PH 180	317171B111312121A1B

PHA 2500 TF for single leaf doors, 1-point-locking

Item	VS- Type	Function	Backset	DIN	Distance	Forend	Accessories ¹⁾	Classification
PHA 2500 TF ^{b)}	В	Function I	35-45 mm	L/R	92 mm PZ	≥22 mm	Strike plate 9324, 9322, 9624, 9622 lever pin PH 150, PH 170, PH 180	3171710111312121AIB

PHA 2500 TRS for single leaf doors, 2-point-locking

PHA 2500 TRS 10	rsingi	e lear doors,	2-point-iod	King	7			
Item	VS- Type	Function	Backset	DIN	Distance	Forend	Accessories ¹⁾	Classification
PHA 2500 TRS ^{b)}	В	Function III Function I Function IV	35-45 mm	L/R	92 mm PZ	≥22 mm	Strike plate 9324, 9322, 9624, 9622 Lever pin	317171B111312121A1B
PHA 2500 TRS -/	В	Function I Function IV	35 mm	L/R	94 mm RZ	≥24 mm	PH 150, PH 170, PH 180	317171B111312121A1B

Annex 2 to





PHA 2500 TF TRS for single leaf doors, 2-point-locking

Item	VS- Type	Function	Backset	DIN	Distance	Forend	Accessories ¹⁾	Classification
PHA 2500 TF TRS ^{b)}	В	Function I	35-45 mm	L/R	92 mm PZ	≥22 mm	Strike plate 9324, 9322, 9624, 9622 Lever pin PH 150, PH 170, PH 180	3171710111312121A1B

Vertical rod

Artikel	
PHA 2140 Vertical rod	

Maximum weight of door leaf: 400 kg
Maximum width of door leaf: 1600 mm
Maximum height of door leaf: 3500 mm





Panic exit devices with SVP-NG narrow stile for single leaf and double leaf doors

Single leaf doors

Item	VS- Type	Function	Backset	DIN	Distance	Forend	Accessories ¹⁾	Classification
PHA 2500 b) with SVP 2000, SVP 2000F, SVP 4000, SVP 5000 and SVP 6000	В	Function I/II	35-45mm	L/R	92 mm PZ, 94 mm RZ	24-30 mm	U- or flat striking plate	3 7 7 B* 1 4 2 2 A B
PHA 1500 b) or ECO EPN 900 IV b) with SVP 2000, SVP 2000F, SVP 4000, SVP 5000 and SVP 6000	В	Function I/II	35-45mm	L/R	92 mm PZ, 94 mm RZ	24-30 mm	U- or flat striking plate	3 7 7 B* 1 4 2 1 A B
BKS B 71xx ^{b)} with SVP 2000, SVP 2000F, SVP 4000, SVP 5000 and SVP 6000	В	Function I/II	35-45mm	L/R	92 mm PZ, 94 mm RZ	24-30 mm	U- or flat striking plate	3 7 7 B* 1 4 2 1 A B
BKS B-74xx b) with SVP 2000, SVP 2000F, SVP 4000, SVP 5000 and SVP 6000	В	Function I/II	35-45mm	L/R	92 mm PZ, 94 mm RZ	24-30 mm	U- or flat striking plate	3 7 7 B* 1 4 2 1/2 A/B B

^{*)} Usage of the lock SVP 2000 in fire/smoke rated doors, only in combination with the external power reserve module "SVP-PR DCW".

Maximum weight of door leaf: 250 kg

Maximum width of door leaf: Maximum height of door leaf:

1800 mm 3500 mm



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Panic exit devices with SVP-NG narrow stile for single leaf and double leaf doors

Double leaf doors

Item	no.	VS-	Func-	Backset	DIN	Distance	Forend	Accessories	Classification
Active leaf	Inactive leaf	Type	tion	васкѕет	אווט	Distance	Forena	Accessories	Classification
PHA 2500 ^{b)} with SVA 2000, SVA 2000F, SVA 4000, SVA 5000, SVA 6000	PHA 2500 b) with SVI 2000F, SVI 4000, SVI 5000	A/C	1/11	35-45 mm	L/R	92 mm PZ 94 mm RZ	24-30 mm	SVI VR25 SVI VR35 SVI Acc-Set floor keeper	SVA 3 7 7 B* 1 4 2 2 A A SVI 3 7 7 B 1 4 2 2 A C
PHA 1500 b) or ECO EPN 900 IV b) with SVA 2000, SVA 2000F, SVA 4000, SVA 5000, SVA 6000	PHA 1500 b) or ECO EPN 900 IV b) with SVI 2000F, SVI 4000, SVI 5000	A/C	1/11	35-45 mm	L/R	92 mm PZ 94 mm RZ	24-30 mm	SVI VR25 SVI VR35 SVI Acc-Set floor keeper	SVA 3 7 7 B* 1 4 2 1 A A SVI 3 7 7 B 1 4 2 1 A C
BKS B 71xx ^b with SVA 2000, SVA 2000F, SVA 4000, SVA 5000, SVA 6000	BKS B 71xx ^{b)} with SVI 2000F, SVI 4000, SVI 5000	A/C	1/11	35-45 mm	L/R	92 mm PZ 94 mm RZ	24-30 mm	SVI VR25 SVI VR35 SVI Acc-Set floor keeper	SVA 3 7 7 B* 1 4 2 1 A A SVI 3 7 7 B 1 4 2 1 A C
BKS B 74xx ^{b)} with SVA 2000, SVA 2000F, SVA 4000, SVA 5000, SVA 6000	BKS B 74xx ^{b)} with SVI 2000F, SVI 4000, SVI 5000	A/C	1/11	35-45 mm	L/R	92 mm PZ 94 mm RZ	24-30 mm	SVI VR25 SVI VR35 SVI Acc-Set floor keeper	SVA 3 7 7 B* 1 4 2 1/2 A/B A SVI 3 7 7 B 1 4 2 1/2 A/B C

^{*)} Usage of the lock SVA 2000 in fire/smoke rated doors, only in combination with the external power reserve module "SVP-PR DCW".

Maximum weight of door leaf:

250 kg

Maximum width of door leaf: Maximum height of door leaf:

1800 mm 3500 mm



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Accessoires: The products may be used in door frames / steel frames with a recess for latch and lock bolt according to DIN 18111.

a) With lock cylinders (PZ/RZ) as standard or half cylinder locks, the escape door function of the lock is only guaranteed when the key

is removed.

b) All lock cylinder designs have no influence on the perfect escape door function (as a special function if desired).

Function I: One-piece spindle hub, constantly working escape door function from the inside. Opening is always possible over the panic device

from the inside. The door can be opened from the outside with key or handle. Shift function E

Function II: Splitted follower, constantly working escape door function from the inside. Opening is always possible over the panic device from

the inside. The external handle is electronic coupled in or out. A special handle with a splitted spindle is needed.

Function III: Split spindle hub, constantly active escape door function from the inside.

It is always possible to use the handle on the inside to open the door. The handle on the outside is either permanently engaged or permanently disengaged using the key. The latch can only be operated from the outside by the key. Once the handle on the inside

has been used to open the door, the door can also be opened from the outside until it is relocked manually. Access function D

Function IV: Split spindle hub, constantly active escape door function from the inside.

It is always possible to use the handle on the inside to open the door. The handle on the outside is either permanently engaged or permanently disengaged using the key. The latch can only be operated from the outside by the key. Once the handle on the inside

has been used to open the door, it cannot be opened by the handle on the outside either. Shift function B

VS- Type A: Lock for a single or a double leaf door: active or inactive leaf.

VS- Type B: Lock for a single leaf door.

VS- Type C: Lock for a double leaf door: only inactive leaf.

Remark: In agreement with the terms of the German building regulation legislation, a lock of VS-type B according to

DIN EN 1125 (lock for single leaf doors) can be used also in the active leaf of a double leaf door, if:

a) the inactive leaf catch is secured against maloperation, and

b) the passage width of the active leaf is sufficient as escape route width.

Annex 2 to



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Panic exit devices according DIN EN 1125 for double leaf doors

Description:

Panic exit devices narrow stile

Locking devices

PHA 2510 active leaf locking device for double leaf doors, 1-point-locking

IA 2510 delive	1001 10	oming active	101 0000					
ltem no.	VS- Type	Function	Backset	DIN	Distance	Forend	Accessories	Classification
PHA 2510 ^{b)}	А	Function III Function I Function IV	35-45mm	L/R	92 mm PZ	≥22 mm	Lever pin PH 150, PH 170, PH 180	317171B111312121A1A
THA 2310	А	Function I Function IV	35 mm	L/R	94 mm RZ	≥24 mm	Lever pin PH 150, PH 170, PH 180	317171B111312121A1A

PHA 2510 TF, active leaf locking device for double leaf doors, 1-point-locking

Item no.	VS- Type	Function	Backset	DIN	Distance	Forend	Accessories	Classification
PHA 2510 TF ^{b)}	A	Function I	35-45 mm	L/R	92 mm PZ	≥22 mm	Lever pin PH 150, PH 170, PH 180	3171710111312121A1A

PHA 2510 TRS, active leaf locking device for double leaf doors, 2-point-locking

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Item no.	VS- Type	Function	Backset	DIN	Distance	Forend	Accessories	Classification
PHA 2510 TRS ^{b)}	А	Function III Function I Function IV	35-45mm	L/R	92 mm PZ	≥22 mm	Lever pin PH 150, PH 170, PH 180	317171B111312121A1A
717/ 2510 TNS	А	Function I Function IV	35 mm	L/R	94 mm RZ	≥24 mm	Lever pin PH 150, PH 170, PH 180	317171B111312121A1A

PHA 2510 TF TRS, active leaf locking device for double leaf doors, 2-point-locking

Item no.	VS- Type	Function	Backset	DIN	Distance	Forend	Accessories	Classification
PHA 2510 TF TRS ^{b)}	А	Function I	35-45mm	L/R	92 mm PZ	≥22 mm	Lever pin PH 150, PH 170, PH 180	3171710111312121A1A



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PHA 2520 TRS, inactive leaf locking device for double leaf doors

Item no.	VS- Type	Function	Backset	DIN	Distance	Forend	Accessories	Classification
PHA 2520 TRS	С		35-45mm	L/R		≥22 mm	floor keeper PHA 2120, 2121, 2122 Lever pin PH 150, PH 170, PH 180	3 7 7 B 1 3 2 2 A C

PHA 2521 and PHA 2522, inactive leaf locking device for double leaf doors with electric strike

Item no.	VS- Type	Function	Backset	DIN	Distance	Forend	Accessories	Classification
PHA 2521 PHA 2522	С		35-65mm	L/R		≥22 mm	Lipped forend, floor keeper PHA 2120, 2121, 2122 electric strike	3 7 7 B 1 3 2 2 A C

Maximum weight of door leaf: 400 kg
Maximum width of door leaf: 1600 mm
Maximum height of door leaf: 3500 mm

Accessoires: The products may be used in door frames / steel frames with a recess for latch and lock bolt according to DIN 18111.

a) With lock cylinders (PZ/RZ) as standard or half cylinder locks, the escape door function of the lock is only guaranteed when the key

is removed.

b) All lock cylinder designs have no influence on the perfect escape door function (as a special function if desired).

Function I: One-piece spindle hub, constantly working escape door function from the inside. Opening is always possible over the panic device

from the inside. The door can be opened from the outside with key or handle. Shift function E

Function III: Split spindle hub, constantly active escape door function from the inside.

It is always possible to use the handle on the inside to open the door. The handle on the outside is either permanently engaged or permanently disengaged using the key. The latch can only be operated from the outside by the key. Once the handle on the inside has been used to open the door, the door can also be opened from the outside until it is relocked manually. Access function D

Function IV: Split spindle hub, constantly active escape door function from the inside.

It is always possible to use the handle on the inside to open the door. The handle on the outside is either permanently engaged or permanently disengaged using the key. The latch can only be operated from the outside by the key. Once the handle on the inside has been used to open the door, it cannot be opened by the handle on the outside either. Shift function B

VS- Type A: Lock for a single or a double leaf door: active or inactive leaf. VS- Type B: Lock for a single leaf door.

VS- Type C: Lock for a double leaf door: only inactive leaf.

Remark: In agreement with the terms of the German building regulation legislation, a lock of VS-type B according to

DIN EN 1125 (lock for single leaf doors) can be used also in the active leaf of a double leaf door, if:

a) the inactive leaf catch is secured against maloperation, and

b) the passage width of the active leaf is sufficient as escape route width.

Annex 2 to



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Vertical rod

PHA 2140, Vertical rod above, use of metal frame doors	
PHA 2195, Vertical rod below, use of metal frame doors	

Bar (push bar)

PHA 2105	
PHA 2106	

Accessories (not for SVP)

PHA 9361, electric strike plate	
PHA 9366, electric strike lipped plate	
PHA 9834, sprung latch (use for: TRS active leaf)	
Electric strike plate for double leaf	
U-plate for latch	
Forend plate set for strike box	
Strike adapter (plate for forend)	

Alternative & special equipment

1. Outside door handle

Door handles according to DIN 18273 with valid conformity certificate can be used as outside door handle.

2. Special striking plates

As an alternative to the standard strike plate the panic exit devices may also be used with the following products:

Manufacturer	Product	
	Smoke, Smoke 448	
dormakaba Deutschland	Electric strikes (operating current) for smoke doors.	
GmbH	Fire 447, Fire 448, Fire 449	
	Electric strikes (operating current) for fire and smoke doors.	



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Intended use:

For use on single and double leaf door in escape routes

Essential characteristic	Requirement clauses EN 1125:2008	Performance
Ability to release (for locked doors on escape routes)	4.2.1 Threshold according to table 1	
yor rocked doors on escape routes,	Release function	≤1 s: passed
	Design bar	Type A: passed
	Bar projection	Type B: passed
	Intended use for the door	$w \le 100$ mm or 150 mm depending on the model
	Door free movement	Grade A, B or C: passed
	Door mass and dimensions	passed
		Grade 7:
		(door mass > 200 kg): passed (Dimensions: depending on the model,
		see annex 1)
	Access from outside	passed
	Release forces	(≤ 80N, ≤ 220N under pressure): passed
	Security requirement	passed, see classification
Durability of ability to release against	4.2.1	
aging and degradation	Threshold according to table 1	passed
(for locked doors on escape routes)	Corrosion resistancet	passed, see classification
(10) locked doors on escape routes;	Temperature range	(-10°C to +60°C, ≤ +50%) passed
	Re-engagement force	(≤ 50 N) passed
	Durability	(intended use for the door Grade A, B: 200.000
		cycles): Grade 7: passed
		(intended use for the door Grade C:
		20.000 cycles, Grade 7) passed
	Abuse resistance –Horizontal bar	(500N, 1000N:) passed
	Final examination	(Release forces (≤ 80N, ≤ 220N under pressure):
		passed
		(Door face gap R ≥25mm): passed
	-	Door free movement) passed
Self-closing ability C	4.2.1	
(for fire/smoke doors on escape routes)	Threshold according to table 1	
	Re-engagement force	(≤ 50N) passed
Durability of Self closing ability C	4.2.1	
against aging and degradation	Threshold according to table 1	(intended use for the door grade A, B: 200.000
(for fire/smoke doors on escape routes)	Durability	cycles, Grade 7): passed
12 to 2 to 2 minutes out to the second second production of		(intended use for the door Grade C:
		20.000 cycles, Grade 7) passed
	Re-engagement force	(≤ 50 N) passed
Resistance to fire E (integrity) and	4.2.1	
I(insulation)	Threshold according to table 1, annex B	Grade 0: NPD
(for use on fire doors on escape routes)		Grade B: passed
y a. and any in a a and an escape routes,		
Control of dangerous substances	4.1.29	According to the manufacturer the materials in
control of dangerous substances	Note2 in ZA.1	the product do not contain or release any
	HOLEZ III ZP.I	
		dangerous substances in excess of maximum
		levels specified in existing European material standards or any national regulations