

Market Introduction


DORMA

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Modular Panic Hardware System

DLA 2000 / DLR 2000

Introduction

European Panic Hardware System

□ PHA 2000



□ PHB 3000



□ External trim series PHT 3900



- compatible to PHA 2000 and PHB 3000 systems
- with OGRO design lever handle
- prepared for Europrofile single cylinder

European Standards

EN 1125

Requirements and test methods for Panic exit devices operated by a horizontal bar.

➔ All components tested accordingly



CE mark (Conformité Européen)

Meaning a product conforms to the safety and quality standards set forth by the European Community.

➔ Becomes **mandatory from 04/2003** for all manufacturers to CE mark exit devices for fire and escape door use.

➔ In preparation

PHA 2000



- ✎ Modular system
- ✎ 1-/2-/3-point locking
- ✎ Dogging device (serial)
- ✎ Security anti-thrust latch (option)
- ✎ Non-handed
- ✎ Soft Line Design
- ✎ combinable with external trim
PHT 3900
- ✎ for fire and smoke check doors
- ✎ for rebated and flush-closing doors
- ✎ tested according to EN 1125

PHB 3000



- ✍ Modular system
 - ✍ 1-/2-/3-point locking
 - ✍ Dogging device (serial)
 - ✍ Security anti-thrust latch (serial)
 - ✍ Non-handed
 - ✍ Soft Line Design
 - ✍ combinable with external trim
- PHT 3900
- ✍ for fire and smoke check doors
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 - ✍ tested according to EN 1125

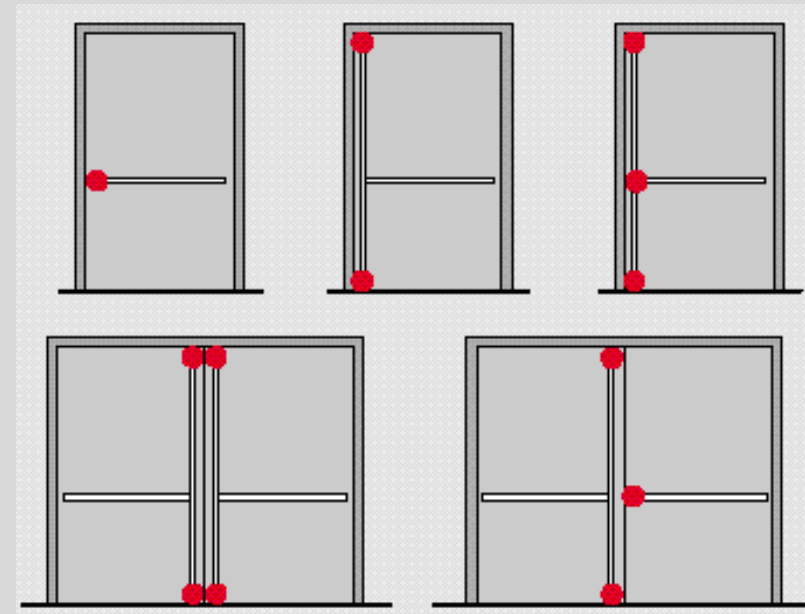
PHT 3900



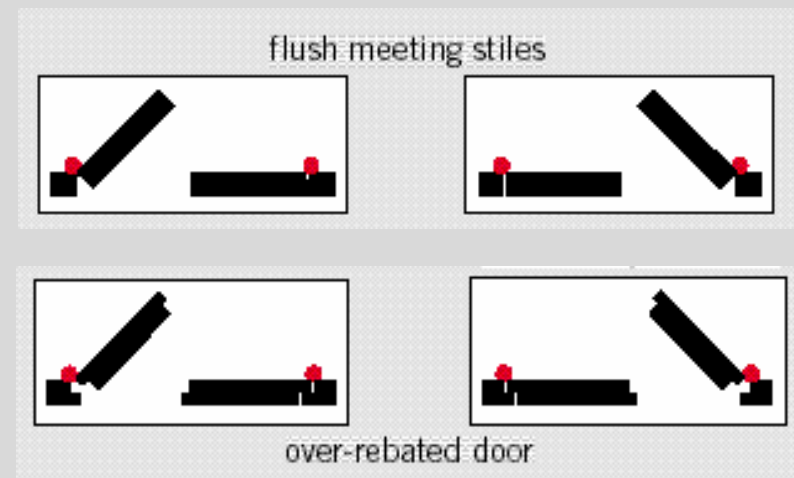
- ✍ External fitting
- ✍ OGRO design lever handle
- ✍ prepared for Europrofile single cylinder
- ✍ door leaf thickness
 - ✍ max. 60 mm (standard)
 - ✍ 60-105 mm (option)
- ✍ Non-handed
- ✍ combinable with
PHA 2000 and PHB 3000
- ✍ for fire and smoke check doors

Applications

□ single-leaf / double-leaf

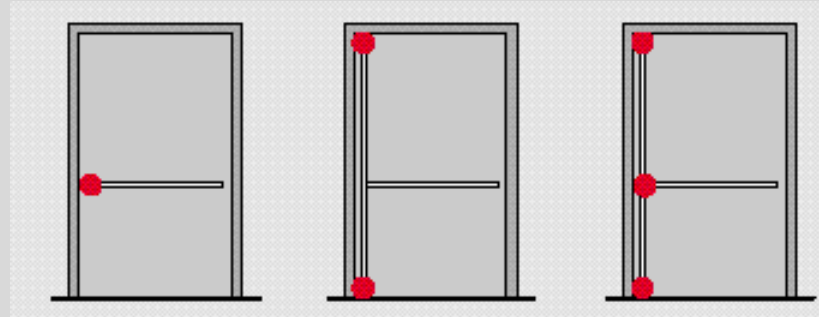


□ flush-closing / over-rebated

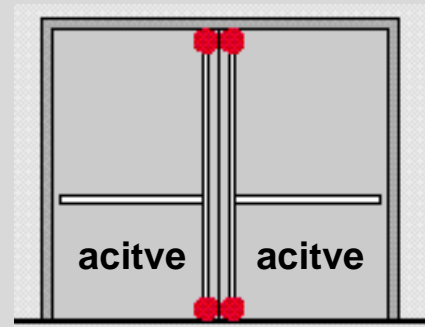


Applications

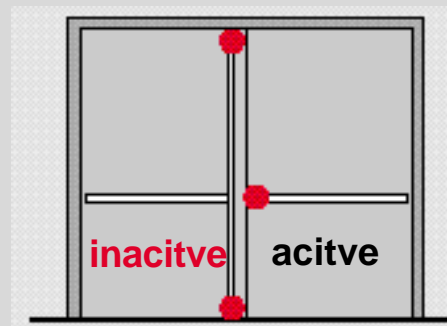
Single-leaf door



Double-leaf door, flush-closing




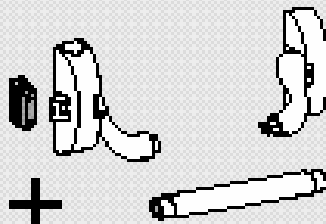
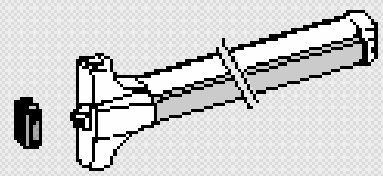

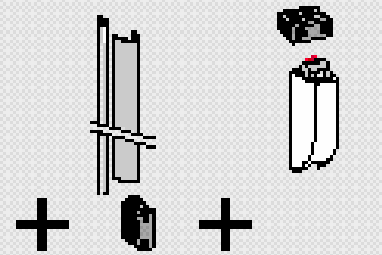
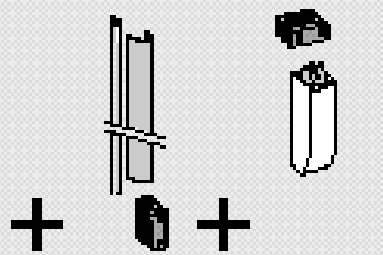
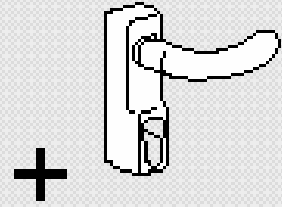

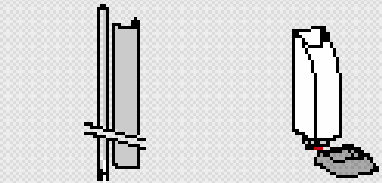
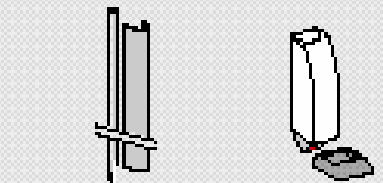
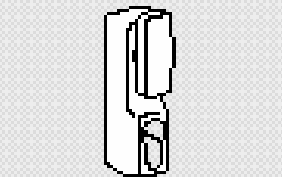
Double-leaf door, rebated



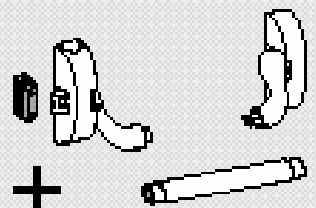
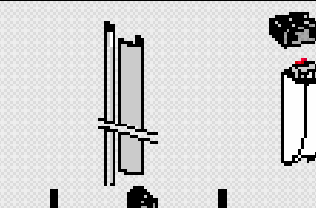
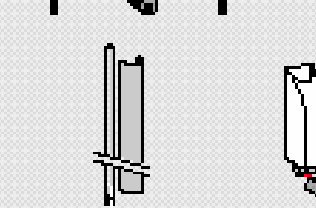
! According to EN 1125 the door **must** open when using the device on the active or **inactive** leaf

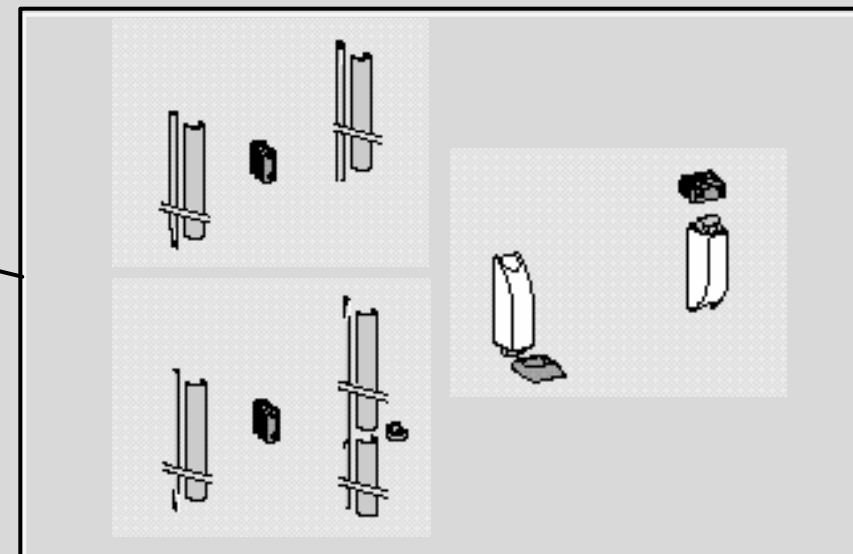
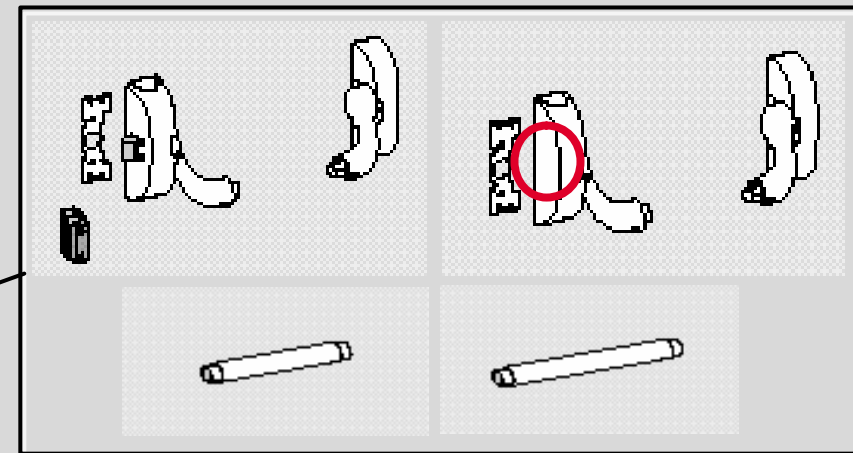
Modular System

The modular Panic Hardware System

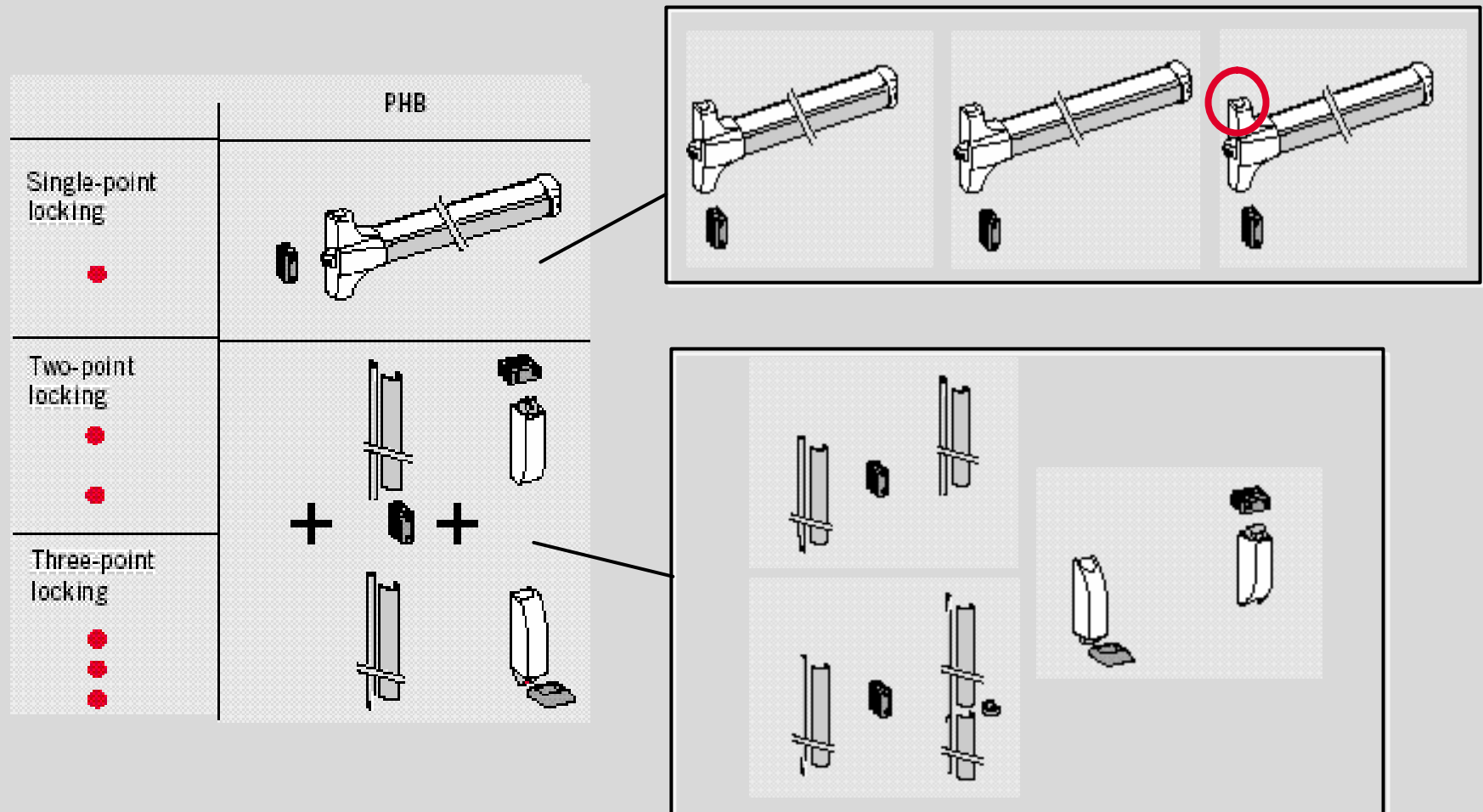
	PHA	PHB	PHT
Single-point locking 			
Two-point locking 			
Three-point locking 			

Modular System PHA 2000

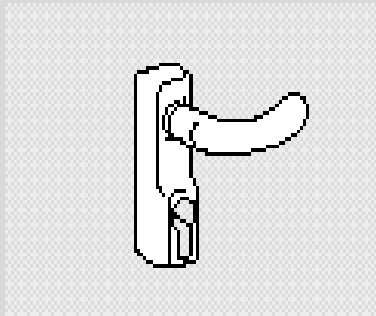
	PHA
Single-point locking ●	
Two-point locking ● ●	
Three-point locking ● ● ●	



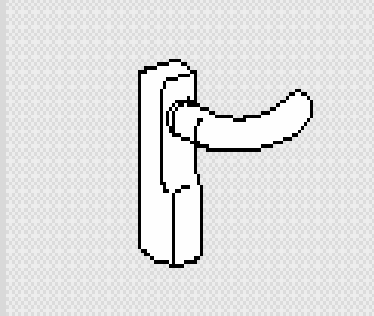
Modular System PHB 3000



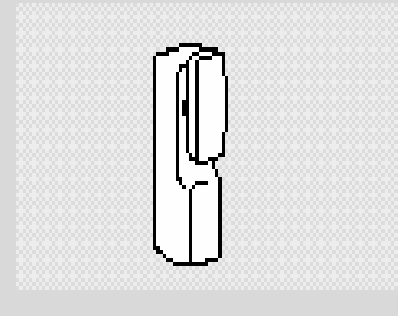
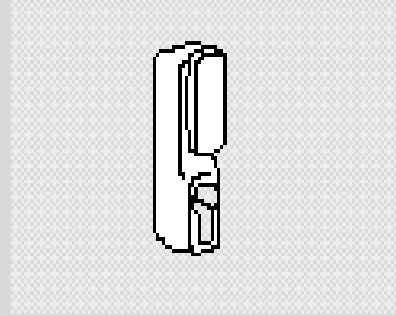
External Trim PHT 3900



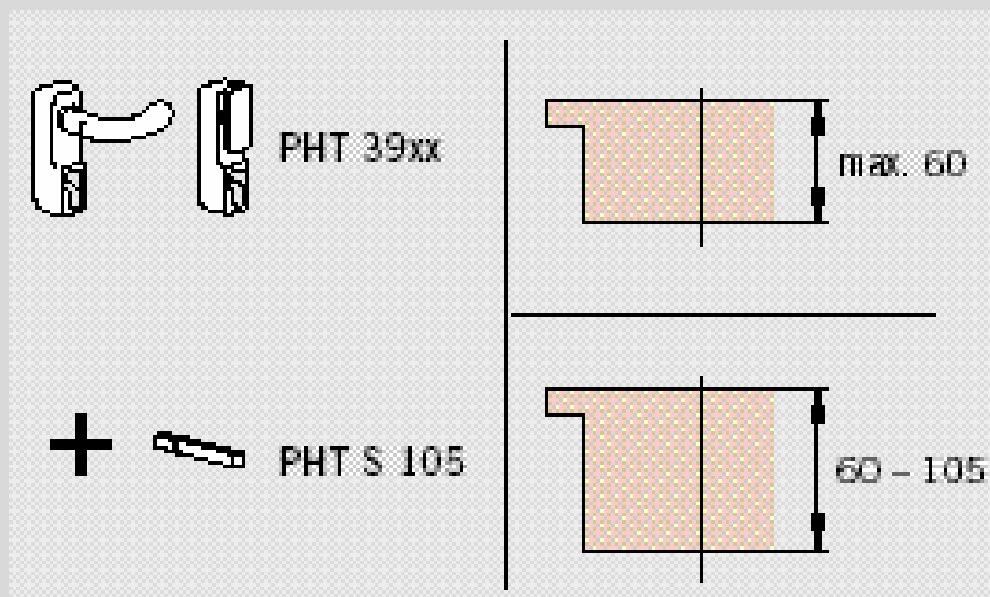
With OGRO design handle



With knob (not turnable)



- Prepared for Europrofile single cylinder



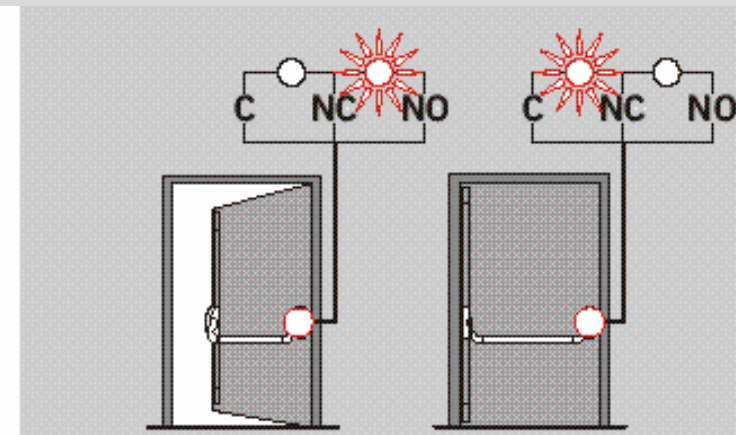
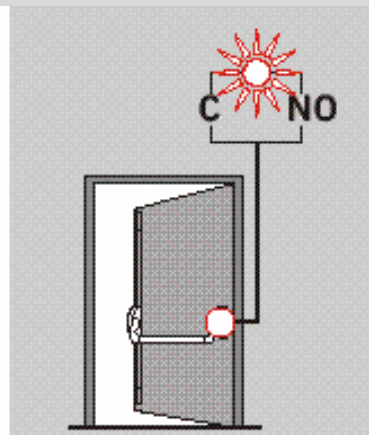
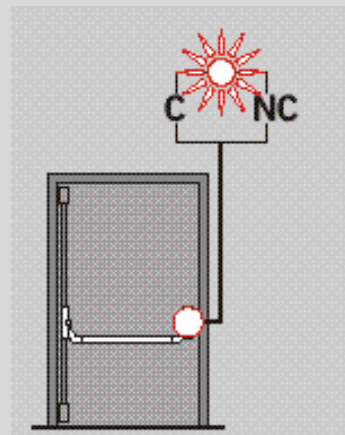
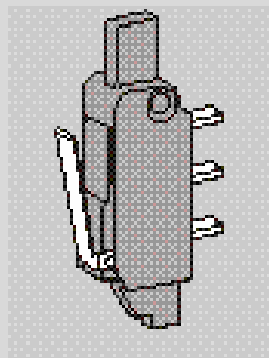
Standard

Option

Modular System PHA 2000

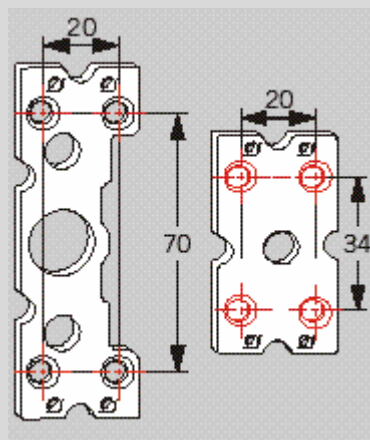
Accessories

Microswitch



NC: normally closed
NO: normally open

Mounting plates

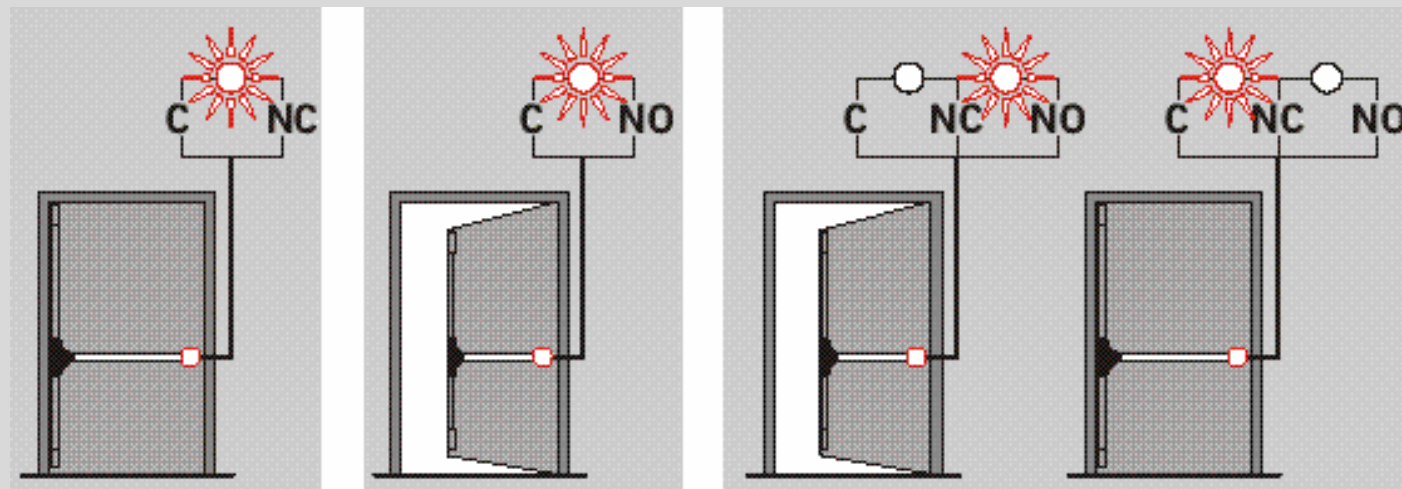
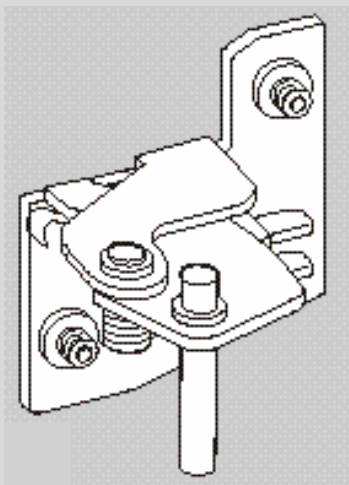


for pre-assembling

Modular System PHB 3000

Accessories

Microswitch



NC: normally closed
NO: normally open

Technical Features

Anti-thrust latch



Prevents the latch from being pushed back by unauthorised means when it is in closed position



Technical Features

Dogging device



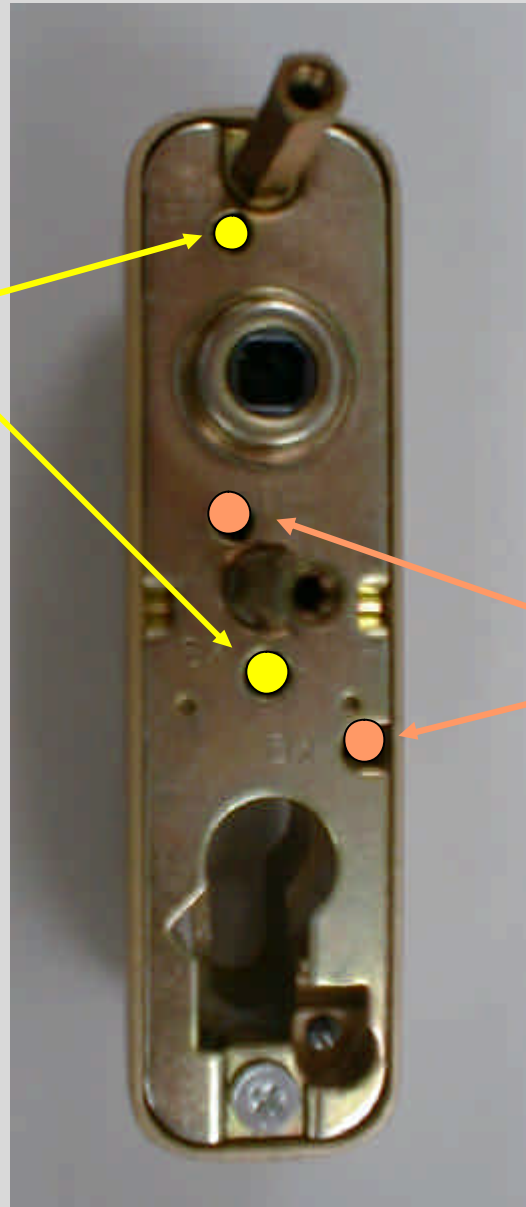
holds the latch in its retracted position,
so the door is freely accessible.

Technical Features

	PHA 2000	PHB 3000
Anti-thrust latch 	<input checked="" type="radio"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>
Dogging device 	<input type="checkbox"/>	<input type="checkbox"/>
	<p>! <i>The use of a dogging device on fire and smoke check doors is not allowed</i></p>	

PHT 3900

Screws fixed in
SX position!
(delivery status)



Switch to this
position when **DX**
position is needed

SX: DIN-L

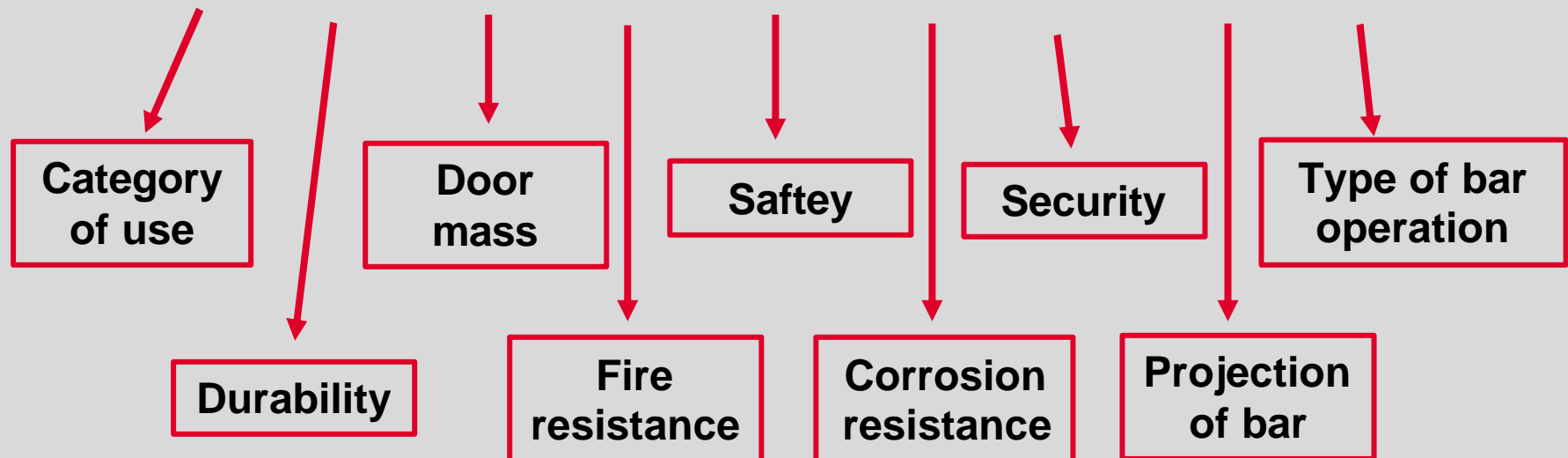
DX: DIN-R

European Standards

EN 1125 classification

DORMA classification:

3	7	6	1	1	4	2	2	A/B
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EN 1125 classification

DORMA classification:

3	7	6	1	1	4	2	2	A/B
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Category of use:	Grade 3: High frequency of use by the public and others with little incentive to exercise care
Durability:	Grade 7: 200.000 cycles Grade 6: 100.000 cycles
Door mass:	Grade 6: up to 200 kg Grade 5: up to 100 kg
Fire resistance:	Grade 1: suitable for use on fire/smoke door assemblies Grade 0: not suitable for use on fire/smoke door assemblies
Safety:	Grade 1: critical safety function (only one top grade)

EN 1125 classification

DORMA classification:

3	7	6	1	1	4	2	2	A/B
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Corrosion resistance: (in accordance with EN 1670)

Grade 4: very high resistance

Grade 3: high resistance

Security:

Grade 2: minimum specification (one grade)

Projection of bar:

Grade 2: projection up to 100 mm (low projection)

Grade 1: projection up to 150 mm (standard)

Type of bar operation:

Type A: Panic device with „push bar“ operation

Type B: Panic device with „touch bar“ operation

Data and Features	PHA Series 2000			PHB Series 3000		
	1 point	2 point	3 point	1 point	2 point	3 point
Modular System	●	●	●	●	●	●
Standard (not expandable)		●		●		
Standard doors (single-leaf)	●	●	●	●	●	●
Standard doors (double-leaf)	●	●		●	●	
Fire and Smoke check doors (single-leaf)	●	●	●	●	●	●
Fire and Smoke check doors (double-leaf)	●	●		●	●	
Door width ≤ 1000 mm	●	●	●	●	●	●
≤ 1300 mm	●	●	●	●	●	●
Door height ≤ 2270 mm		●	●			
≤ 3400 mm ¹⁾		●	●			
≤ 2265 mm					●	●
≤ 3200 mm ¹⁾					●	●
Max. Door weight (in kg)	200	200	200	200	200	200
Non-handed design	●	●	●	●	●	●
Dogging device ²⁾	●	●	●	●	●	●
Security Anti-thrust latch for Standard doors				●	●	●
for Fire and Smoke check doors	●	●	●	●	●	●
Electrical unlocking via electric strike	○	○	○	○	○	○
Monitoring switch on pushbar	○	○	○	○	○	○
External fittings PHT 3900 for Standard and Fire/Smoke check doors for door leaf thickness up to 60 mm	●	●	●	●	●	●
Extended handle spindle and bolts for door leaf thickness 60-105 mm	○	○	○	○	○	○
Approved to EN 1125	●	●	●	●	●	●
CE mark for building products	in preparation					

● = Standard

○ = Option

¹⁾ Door heights above 2500 mm do not comply to applications under EN 1125

²⁾ The Dogging device has to be switched off in combination with fire and smoke check doors