Functional description
of the panic locks

Panic function APE
as transformer key operated spring bolt

from inside:
The door can be locked and unlocked from inside by using the panic unit of the handle or the key. The latch bolt and dead bolt are simultaneously drawn back. The panic function is only active with the key being removed.

from outside:
A fixed knob is provided on the outside of the door.
The outside can be locked and unlocked by using the key
If the door is unlocked, the latch can be drawn back by using the key via the key operated spring bolt

Panic function APD
as passage function

from inside:
The door can be locked and unlocked from inside by using the panic unit of the handle or the key. The latch and bolt are simultaneously drawn back. The panic function is only active with the key being removed.

From outside:
A door handle is mounted at the outside of the door.
The outside can be locked and unlocked by using the key.
If the bolt is drawn back, the door is permanently passable.

Panic function APB
as switchable function

from inside:
The door can be locked and unlocked from inside by using the panic unit of the handle or the key. The bolt latch and dead bolt are simultaneously drawn back via the activation of the door handle. Afterwards, the outside handle is in the idle state!
The panic function is only active with the key being removed.

from outside:
A door handle is mounted on the outside of the door.
The outside can be locked and unlocked by using the key.
The door can be permanently passed only after operating the key.
Thus, the door can be opened via the door handle.

Panic function APK
Combination of panic + automatic locking

Closing:
once the lock is engaged into the strike-plate, the door is automatically locked; the bolt is single-turn 20 mm not engaged.

Opening:
From outside only via the key. From inside via the key or the door handle (with the key being removed).

A levor handle / knob must be used as door furniture.

outside:
fixed knob
inside:
door handle

Attention! Cylinders + turns are not to be used for locks with panic function! The key must never be left in the cylinders with panic function.
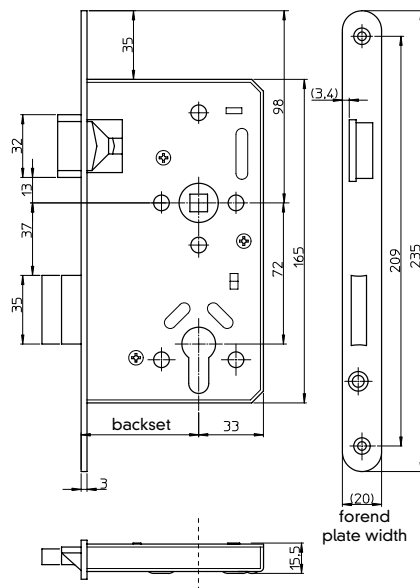
Product line 20 APE

Mortice lock
according to DIN 18250 and DIN EN 179
Class 3
for fire doors
panic as transformer key operated spring
bolt function E

Mortice lock fire-resistant	FH
Product line 20	20
PZ double-turn with key operated spring bolt panic function E	APE
flat rounded forend plate	FR
forend plate width - 20 / 24 mm	24
backset sizes - 55 / 65 mm	65
centres PZ 72 mm	72
square follower size 9 mm	09
handing - right hand - left hand	RS LS
forend design - steel galvanized	vz

Equipment:

· follower malleable iron galvanized
· latch steel with malleable iron head nickel-plated
· bolt steel nickel-plated
· lock case all-around closed, galvanized
· springs made of stainless steel

Classification code according to EN 12 209

3	S	5	1	0	C	3	B	C	2	0

Options:

· flat forend plate edged — FK
· forend plate material non-corroding stainless steel — EST
· backset 80 mm — 80

Example for article identification

FH 20 APE FR 24 / 65 72 09 RS vz

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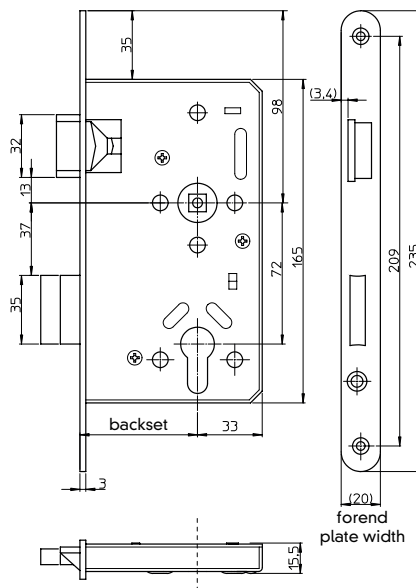Rhine-Westphalia in Dortmund / Germany

Product line 20 APD

Mortice lock
according to DIN 18250 and DIN EN 179
Class 3
for fire doors
panic as passage function D

Mortice lock fire-resistant	FH
Product line 20	20
PZ double turn without change panic function D	APD
flat rounded forend plate	FR
forend plate width - 20 / 24 mm	24
backset sizes - 55 / 65 mm	65
centres PZ 72 mm	72
square follower size (split follower) 9 mm	09
handing - right hand - left hand	RS LS
forend plate design - steel galvanized	vz

Equipment:

· follower high-quality precision cast (split)
· latch steel with malleable iron head nickel-plated
· bolt steel nickel-plated
· lock case all-around closed, galvanized
· springs made of stainless steel

Classification code according to EN 12 209											
3	S	5	1	0	C	3	B	C	2	0	

Options:
· flat forend plate edged **FK**
· forend plate material
  non-corroding stainless steeli **EST**
· backset 80 mm **80**

Example for article identification

FH 20 APD FR 24 / 65 72 09 LS vz

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