

WILKA - VORSPRUNG DURCH QUALITÄT

WILKA®
SCHLIESSTECHNIK

Series 8000

Multi-point locks with an emergency exit function



Multi-point locks Complete solutions from WILKA

Perfect combination of safety and comfort

Through its new **series 8000** WILKA has rounded off its product range and is now a complete provider with respect to metal frames (aluminium and steel) for single locks and multi-point locks on single and double-leaf emergency exits.

With its **full-service care package** WILKA offers everything from a single source – from a fixed contact person or to reduced planning and procurement work.

Feel safety

- **Single-handed opening of doors** via the handle or the push bar **possible within a second**, whereby the building can be left in an emergency case (emergency exit function)
- Individual choice between high break-in prevention through a simple hook bolt and **very high break-in prevention** through double contra-rotating hook bolts in the additional locks



Feel comfortably

- **Reduced maintenance work** through a built-in tolerance in the striking plate, which means, that all kind of locks by series 8000 are all function events possible even if the door sinking is by 5 mm
- Small dimensions of the main and additional lock cases ensure **problem-free exchange and retrofitting**



Save costs

- **Low stockkeeping requirements** and high flexibility while using uniform striking plates for the main locks of series 6000, 7000 and 8000
- **No high-cost special cylinders** or FZG cylinders required in the gearless main lock
- **Use of single parts across series:** combinable with existing parts of the inactive leaves and accessories from series 6000 and 7000, whereby reduced storage costs of approximately 50 % can be achieved



Why WILKA? An overview of your benefits with the series 8000

Your **ADVANTAGES+** as a profile manufacturer and metalworker

- + Only one lock needed for four designs, as the emergency exit side (outwards / inwards) and the latch bolt (DIN L / R) can be used for all emergency exit functions
- + Flexible use in the narrowest profiles (15 mm rear backset)
- + Manipulation-proof locking sequence control in the main lock, with no requirement for extra trigger mechanisms for the additional locks or for special striking plates*
- + Individual usage options within the series 8000 for lock cases with a uniform milling dimension
- + High flexibility due to uniform striking plates for the main lock series 6000, 7000 and 8000
- + Low stockkeeping requirements due to a single adjustable striking plate for the additional locks in the series 8600 and 8700
- + Suitability of the series 8000 for the Swiss market, too, as the locks can be preconfigured for Swiss round cylinders



Your **ADVANTAGES+** as a dealer

- + Only one lock needed for four designs, as the emergency exit side (outwards / inwards) and the latch bolt (DIN L / R) can be used for all emergency exit functions
- + No high-cost special cylinders or FZG cylinders are required in the gearless main lock, whereby reduced storage costs of approximately 50 % can be achieved
- + High flexibility due to uniform striking plates for the main lock series 6000, 7000 and 8000
- + Low stockkeeping requirements due to a single adjustable striking plate for the additional locks in the series 8600 and 8700
- + Suitability of the series 8000 for the Swiss market, too, as the locks can be preconfigured for Swiss round cylinders
- + Flexible use of all conventional knob and electronic knob cylinders possible, e.g. WILKA easy 2.0 or other WILKA electronic solutions



Your **ADVANTAGES+** as an architect and planner

- + Complete flexibility in terms of design due to the authorisation of common fittings manufacturers
- + Large range of options for door designs by serving the narrowest profile constructions in the aluminium and steel segment (15 mm rear backset)
- + The highest level of stability due to optional additional locking points for overheight doors of up to 3.50 m
- + Individual choice between high break-in prevention through a simple hook bolt (RC 2) and very high break-in prevention through double contra-rotating hook bolts in the additional locks (RC 2 + 3)
- + Simplified tender invitations due to the flexible use of all conventional knob and electronic knob cylinders, e.g. WILKA easy 2.0 or other WILKA electronic solutions



Your **ADVANTAGES+** as a manager and end user

- + High level of comfort due to manipulation-proof self-locking where it is simply enough to pull the door (an active close is not required*)
- + Mechanical access control through optional controlled latch bolt stop, where only the responsible person can set the day function
- + Multifaceted usage options due to monitoring packages with a follower and / or dead bolt monitoring device, with connection to building management systems and burglar alarm systems possible
- + Retrofittable automatic opener offers a low-cost alternative to a motorised lock and enables the automatic, motorised unlocking of the door in seconds with access control and a day function*
- + Flexible use of all conventional knob and electronic knob cylinders possible, e.g. WILKA easy 2.0 or other WILKA electronic solutions



*only applies to series 8700

8600 Key-operated multi-point lock with emergency exit function

Product features

- For single and double-leaf metal frame doors
- Available in the well-known emergency exit functions E, B & D
- Flexibility due to different locking components
- Setting of emergency exit side (outwards / inwards) possible in all emergency exit functions
- Reversible latch bolts (DIN L / R) in all emergency exit functions
- Uniform milling images within the series 8000
- Profile cylinder preparation or Swiss round cylinder can be chosen
- Optional available with controlled latch bolt stop
- Optional monitoring packages (deadbolt and / or follower monitoring device)
- Optional additional locking point 86ZN for use in high doors

Your **ADVANTAGE+** with WILKA

- + Many emergency exit combinations possible for single and double-leaf doors
- + Use of single parts across series
- + Small dimensions of the main and additional lock cases ensure problem-free exchange or retrofitting
- + A FZG cylinder is not needed in the main lock without gearbox
- + Flexible use even in special profile situations due to optionally extended latch and deadbolts

Technical details

- Backsets: 35, 40, 45 mm
- Rear backset: 15 mm
- Forend lengths: 1770, 1970, 2170 and 2400 mm
- Forend widths: 22 or 24 mm / flat or U-shaped forend
- Distance between the secondary sash and the frame parts: 2 to 7 mm
- Authorised for emergency exits in accordance with EN 179 and EN 1125
- Smoke and fire protection in accordance with EN 1634
- RC tested according to DIN EN 1627-1630 in combination with door elements



8700 Key-operated, **self-locking** multi-point lock with emergency exit function

Product features

- For single and double-leaf metal frame doors
- Available in the well-known emergency exit functions E, B & C
- Flexibility due to different locking components
- Setting of emergency exit side (outwards / inwards) possible in all emergency exit functions
- Movable latch bolts (DIN L / R) in all emergency exit functions
- Uniform milling images within the series 8000
- Profile cylinder preparation or Swiss round cylinder can be chosen
- The series 8700 can be fitted with an A-opener (emergency exit function E)
- Optional available with controlled latch bolt stop
- Optional monitoring packages (deadbolt and / or follower monitoring device)
- Optional additional locking point 87ZN for use in high doors

Your **ADVANTAGE+** with WILKA

- + Many emergency exit combinations possible for single- and double-leaf doors
- + Use of single parts across series
- + High level of comfort due to self-locking where it is enough to simply pull the door shut and active locking is not required
- + Manipulation-proof locking sequence control in the main lock, which also locks additional locks
- + Small dimensions of the main and additional lock cases ensure problem-free exchange or retrofitting

Technical details

- Backsets: 35, 40, 45 mm
- Rear backset: 15 mm
- Forend lengths: 1770, 1970, 2170 and 2400 mm
- Forend widths: 22 or 24 mm / flat or U-shaped forend
- Distance between the secondary sash and the frame parts: 2 to 7 mm
- Authorised for emergency exits in accordance with EN 179 and EN 1125
- Smoke and fire protection in accordance with EN 1634
- RC tested according to DIN EN 1627-1630 in combination with door elements



A retrofittable A-opener offers a low-cost alternative to a motorised lock and enables the automatic, motorised unlocking of the door in seconds.



87AO A-opener | Motorised unlocking of the **self-locking** multi-point lock



Product features

- Motorised unlocking with fast-reaction motor
- Flexible retrofitting

Your **ADVANTAGE+** with WILKA

- + Flexible and low-cost alternative to a motorised lock enables the automatic, motorised unlocking of the door in seconds with access control

Technical details

- Cable included (6 m)
 - Short "open" signal sound that can be switched off
 - Day function (permanently unlocked function)
 - Dimensions: 200 x 47 x 15.5 mm
 - Switching voltage: $24 \pm 10\%$ VDC
 - Power supply: Min. 1 to max. 4I [A]
 - Operating temperature: -20°C to $+60^{\circ}\text{C}$
 - Protection type in accordance with DIN 60529: IP 42
- Tested for CE conformity in accordance with 2014/30/EC: EN 61000-6-1 (interference resistance), EN 61000-6-3 (radio interference suppression), EN 62368-1 (device safety)

87AN Emergency power buffering for motorised unlocking of **self-locking** multi-point lock



Product features

- Retrofittable emergency power buffering enables use in fire protection doors

Your **ADVANTAGE+** with WILKA

- + Additional security in the event of a power outage

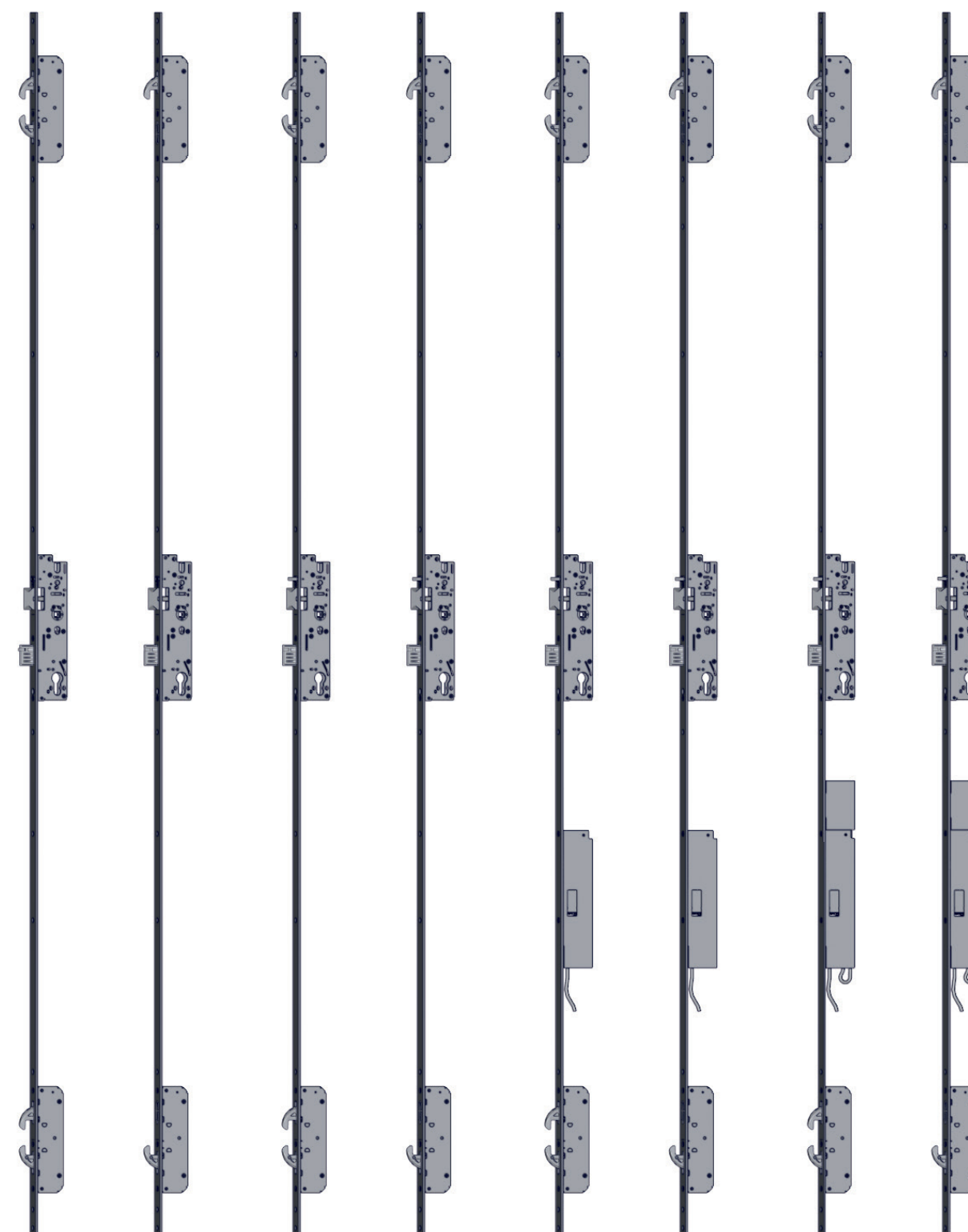
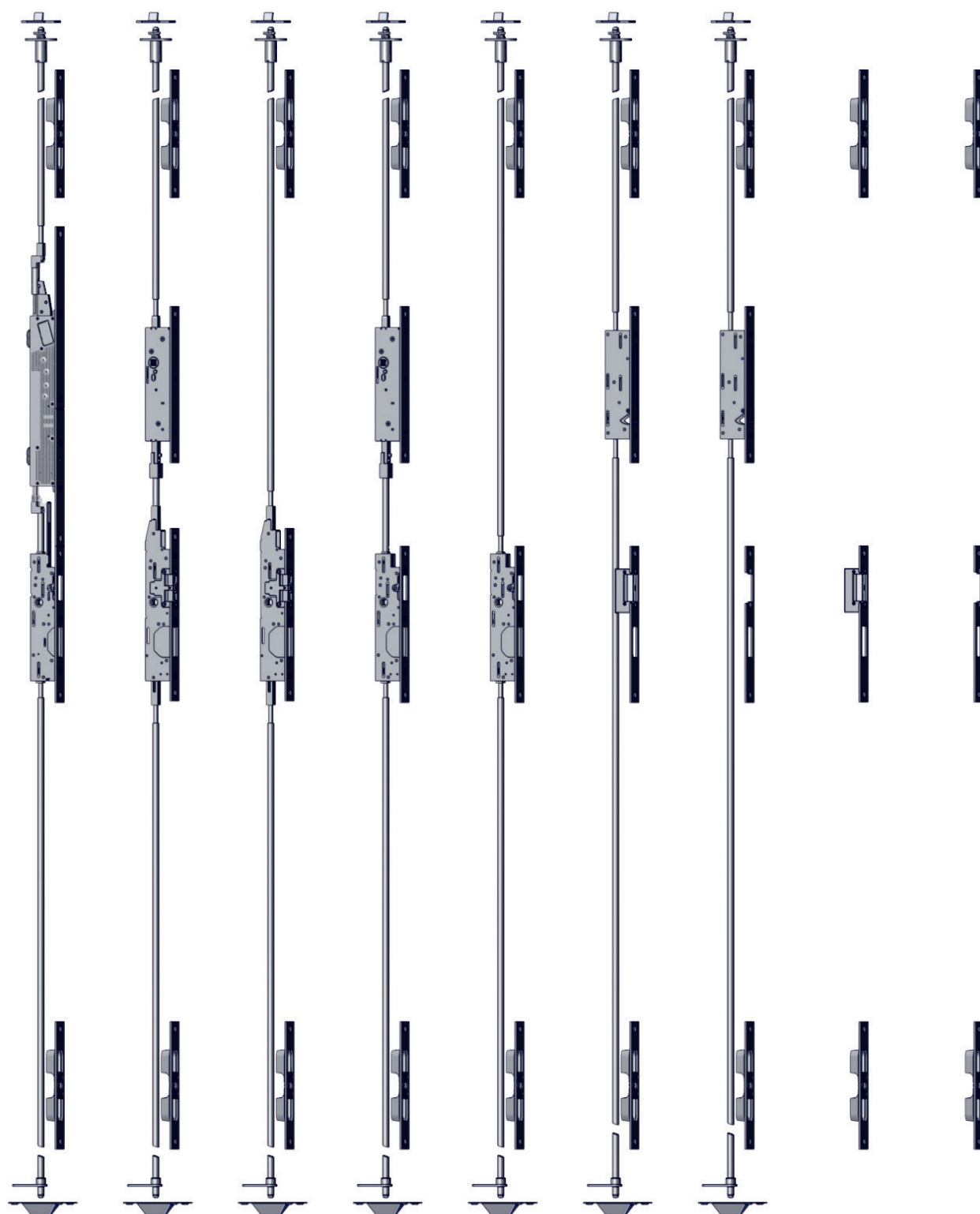
Technical details

- Emergency power buffering cable permanently installed
 - Emergency power buffering dimensions: 71 x 47 x 15.5 mm
 - Dimensions of A-opener incl. emergency power buffering: 271 x 47 x 15.5 mm
 - Switching voltage: $24 \pm 10\%$ VDC
 - Power supply: Min. 1 to max. 4I [A]
 - Operating temperature: -20°C to $+60^{\circ}\text{C}$
 - Protection type in accordance with DIN 60529: IP 44
- Tested for CE conformity in accordance with 2014/30/EC: EN 61000-6-1 (interference resistance), EN 61000-6-3 (radio interference suppression), EN 62368-1 (device safety)



Combination options for single and double-leaf emergency exits

Inactive leaf



Active leaf

Series 8600

Key-operated
multi-point lock with
emergency exit function

Series 8700

Key-operated,
self-locking multi-point
lock with emergency exit
function

Series 8700

Key-operated,
self-locking multi-point
lock with emergency exit
function **with A-opener**

Series 8700

Key-operated, **self-locking**
multi-point lock with emergency
exit function with **A-opener**
and **emergency power
buffering**

W I L K A - V O R S P R U N G D U R C H Q U A L I T Ä T



Your corporate stamp
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