



pKT Comfort system for timber doors



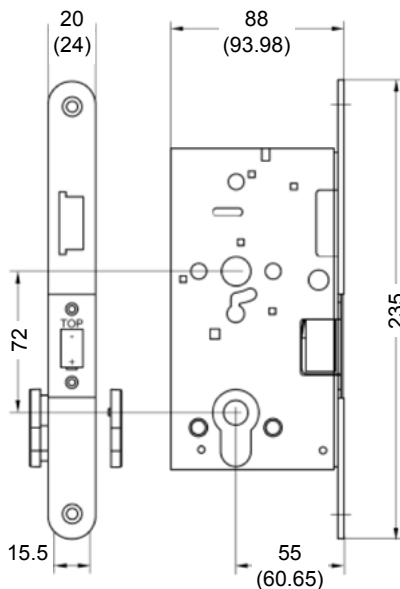
The Comfort system for timber doors (CoSy) represents a further expansion of the pKT range. This electronic lock is fitted with a MIFARE® reader.

The Comfort system for timber doors is integrated into our pKT software. The access rights for the autonomous offline components are administered centrally in the Host system, which means that no individual programming of the lock is necessary.

The pKT Comfort system for timber doors contains the complete read and control electronics as well as the power supply, which uses standard CR2 batteries.

The pKT Comfort system for timber doors has been developed for use in interior timber doors, in acc. DIN 18251. This electronic mortice lock is delivered with dead latch, without bolt and single-sided authorisation check. It is for combination use with lug-guided handle sets.

The Comfort system's face plate is available with a smart stainless steel finish. The antenna cap is made of polyamide and can be ordered in four different colours: pure white, deep black, stone grey and anthracite grey.



Features

- ▶ Use of existing cards/key fobs as virtual information carriers, e.g. battery status, automatic booking transfer, blacklist
- ▶ Individual access rights per cardholder
- ▶ No authorisations are stored in the Comfort system
- ▶ Automatic, time-controlled unlocking and locking
- ▶ Optical and acoustic indication to confirm commands and to show the battery warning status
- ▶ Emergency opening with external power supply (available separately)
- ▶ Battery working life of up to 3 years at 10 activations a day. A total of up to 25,000 activations is possible
- ▶ Access rights are administered in the Host system
- ▶ Reaction time, typically 1 second
- ▶ The latest events, up to a maximum of 160, can be transferred to the database in the Host system through a Master reader, using a bookings transfer card

Technical data

Power supply	1 x 3V CR2 Lithium battery
Operating temperature	0 °C to + 45 °C
Humidity (operation)	max. 95 %, without condensation
Protection class	IP21
Approvals, Standards,	– RED Directive 2014/35/EU
CE Conformity, Directives	– RoHS Directive 2002/95/EG – DIN 18251 – Mortice locks – DIN EN 12209 Locks and escutcheons; locks; Mechanically operated locks and striking plates
Transponder technology	MIFARE® DESFire®, MIFARE® Classic®
Interface	NFC interface in acc. ISO 14443A
Read distance	up to 15 mm, depending on the construction of the transponder

Lock configurations

Spindle	8, 9 mm
Bolt length	55, 60, 65 mm
Distance	72 mm
Face plate shape	Round, Rectangular
Face plate width	20, 24 mm
Face plate length	235 mm
DIN direction	Right, Left
Direction of opening	Inwards, Outwards
Door leaf thickness	min. 25 mm (inside and outside, each a minimum of 12.5 mm) max. 180 mm (inside and outside, each a maximum of 90 mm)

Ordering Information

pKT APS Comfort system for timber doors

I187-1111E.01 — pKT Comfort system for timber doors, single-sided authorisation

Accessories

Z073-002.01	Battery for pKT CoSy, Lithium CR2 3 V for glass doors and timber doors
Z080-180.01	External power supply for pKT Comfort system