Key PK200

ASSA ABLOY
Opening Solutions

PULSE - The digital locking system

Experience a safer
and more open world

Product description

The PULSE key has a patented function with double opening possibilities. It is rotated like a mechanical key in the lock cylinder, but can also be used as a key fob for an access control system reader. This feature makes it easy to build convenient and cost-effective locking systems.

Digital locking systems provide control over all keys, which can be easily updated and can be tailored to suit all needs. The electronic programming of the key gives flexible access to individuals or to a group of individuals.

The key communicates contact-based with the lock cylinder. The communication is secured with patented SEOS® technology and the energy needed is created when the user inserts the key.

The key can also communicate wirelessly via SEOS® and wirelessly via RFID MIFARE to the corresponding access control system reader.

The key ID is unique, it is printed on the key head and can be read wirelessly.

A PULSE key has no mechanical code and requires no batteries. The key is symetrical and can be insterted either way in the lock, it is designed for the best possible user experience.

The key can work online or as offline stand-alone in an Incedo Open system.

In Online mode, validation intervals can be used for all keys. A combination of validation and block list provides increased security when handling lost keys.

Technical data

	Temperature	-30 °C to +60°C
	All weather-technology.	For all environments, indoors and outdoors. IP68
	RFID-technology	iClass SEOS® + MIFARE
Incedo™ Open	**Cloud (Web) based software**	Managed by ASSA ABLOY Incedo Open
	Size of list with locks and lock-groups	Combined memory 70 positions per building for access profiles or door groups
	Buildings	16 Buildings / Systems
	Audit trails	100 events per building
	Size of block list	100 key block list per building
	Key copy protection	Keys are protected by digital copy protection against unauthorized copying
	Material	ABS plastic and stainless steel. Does not contain Nickel
	No battery	The key does not use batteries. The energy is created by generating in the lock cylinder
ECO	**Sustainability**	The key is tested according to the standard SSF 3522 for 200,000 opening cycles, double against the requirements
	Maintenece	No maintenance required, wipe off dirty keys with a damp cloth. Always wipe wet keys before use in the lock

Function overview

- The key data can be updated daily via RFID.
- The key data is protected by SEOS® encryption. 128-bit.
- The symmetrical maintenance-free key is designed to withstand water, frost and hard use.
- The key is programmed with a PULSE PDR200 Desktop reader.
- Dual LED light display on both sides.

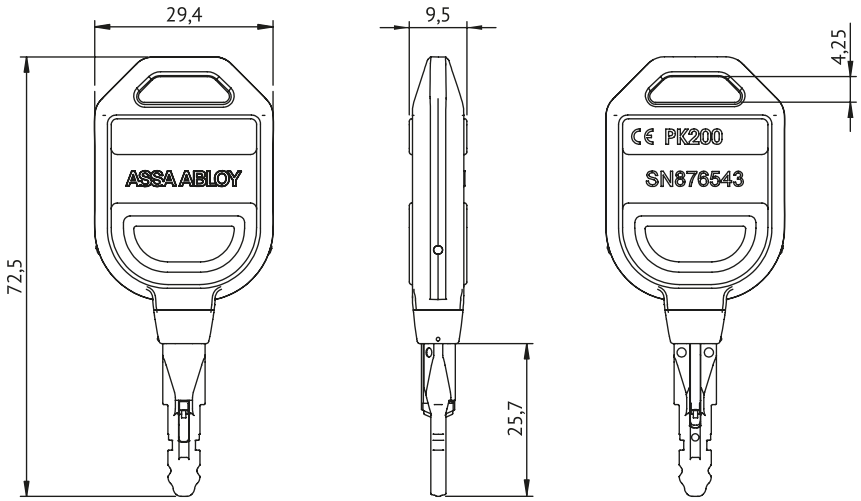
  Green: Authorized access
  Red: Unauthorized no access

- The key can be color coded in a variety of colors for different needs.
- The key transmits data about lost / blocked keys as well as logs and validation intervals to the locks.
- Roles can be used to manage rights to read logs.
- Each key has a unique ID and can be blocked individually.
- The key can be used in several different PULSE systems at the same time.
- The key can be deprogrammed and reused in a new PULSE system.
- The key's RFID tag can be used in an unlimited number of access control systems.
- Validation intervals can be used in an Online system with minutes, hours or days.
- When the validation period expires, the key needs to be updated online.
- Blocked keys are used up and cannot be reset.

Certificate

Standards	Test
EN 15684:	
· EN 60068-2-32	Stability of electronic key
· EN 60068-2-29, Eb	Impact requirements
· EN 60068-2-6, Fc	Vibration requirements
· EN 1670	Requirements for corrosion resistance
· EN 60529	Water resistance of the electronic key
· EN 60068-2-2, Bb	Key heating, stationary condition
· EN 60068-2-30, Db	Humidity, temperature change
· EN 60068-2-1, Ab	Cold
Duty to permit radio transmitter:	
· EN 300 330- V2.1.1	
· EN 301 489-1 V1.9.2	
· EN 301 489-3 V1.6.1	
· EN 61000-4-2	Electrostatic discharge
· EN 60950-1	Safety

Drawings



Produkten får inte ändras på något sätt, utom i enlighet med de ändringar som beskrivs i bruksanvisningen.
Utsätt inte nyckeln för slag, brytning, mekanisk chock eller elektriska stötar (ESD)
Förvara inte nyckeln i fuktiga miljöer och håll den borta från vatten.