

Classification

ASSA ABLOY PULSE is approved according to SSF3522 Class 3 or Class 5, and certified to EN15684. The following products are approved:

P301/P103 – P1660/P2603 Oval double cylinder (class 3)

SYP137+/SYP147 Oval double cylinder (class 3)

P5S11/P5S13 - P3611/P3613 - SYP169+/SYP169C S-round double cylinder (class 5)

To meet the requirements above:

- Oval double cylinder P301/P103 – P1660/P2603 must be fitted together with an approved cylinder fitting and its accompanying screws.
- Oval double cylinder SYP137+/SYP147 must be fitted together with an approved cylinder fitting and 2 hardened screw SD4718
- S-round double cylinder P5S11/P5S13 - P3611/P3613 - SYP169+/SYP169C must be fitted with 4 screws according to installation instruction

In order to fulfil the classification for a locking unit in SSF3522, all installed parts of the locking unit must be approved in the same class, i.e. cylinder, lock case, striking plate and security escutcheons.

Fire test performed on a metal door , report no. 2P06238 (E-120).

Cylinders meet the following requirements according to EN15684:

Classification – Mechatronic cylinder							
1	2	3	4	5	6	7	8
Category of use	Durability	Fire/smoke resistance	Environmental resistance	Mechanical key related security	Electronic key related security	System management	Attack resistance
1	6	B	4	A	F	2	2

1. Category of use: Grade 1 - for use by people with a high incentive to exercise care and with a small chance of misuse
2. Durability: Grade 6 - 100 000 test cycles
3. Fire/smoke resistance: Grade B: suitable for use on fire and smoke door assemblies
4. Environmental resistance: Grade 4 – Highest environmental resistance
5. Mechanical key related security: Grade A – No mechanical code
6. Electronic key related security: Grade F – Highest security
7. System Management: Grade 2 - Audit trail capability without time zone
8. Attack resistance: Grade 2 – Highest resistance

Keys meet the following requirements according to EN15684:

Classification – Electronic Key							
1	2	3	4	5	6	7	8
Category of use	Durability	Fire/smoke resistance	Environmental resistance	Mechanical key related security	Electronic key related security	System management	Attack resistance
1	6	0	4	A	F	2	2

1. Category of use: Grade 1 - for use by people with a high incentive to exercise care and with a small chance of misuse
2. Durability: Grade 6 - 100 000 test cycles
3. Fire/smoke resistance: Grade 0 – Not applicable on keys
4. Environmental resistance: Grade 4 – Highest environmental resistance
5. Mechanical key related security: Grade A
6. Electronic key related security: Grade F – Highest security
7. System Management: Grade 2 - Audit trail capability without time zone
8. Attack resistance: Grade 2 – Highest resistance

Cylinders are tested for mounting in doors regardless of weight or size and regardless of the type of material in door or frame. It is important to be aware of fire regulations for the door environment, fire standards, escape routes, emergency exits etc.

Maintenance

Maintenance instructions for PULSE can be found on assaabloyopeningsolutions.se/dk/.no

Technical specifications

Technical specifications according to what has been certified in EN15684:

Time zone and audit trail

It is not possible to use the time zone in the ASSA ABLOY PULSE. Time zone and audit trail is certified in Grade 2, which means that there is Audit trail capability without time zone.

Authorization process

To be able to make changes to the system the user must be logged in using his personal PIN-code.

Log

Logs can be extracted in the program and they may include a timestamp.

A cylinder can handle 500 numbers of logs and each key can handle 100 logs.

There is no limit in the system on how long a cylinder or key will keep on the log.

It is possible to limit how long a log can be read in software (Incedo Open).

Access after power failure

Cylinders and keys are always without power. All access information is stored in a memory that does not need power to retain the information.

Temperature range (Environmental resistance)

Cylinders have been tested according to Grade 4 which means it can withstand dry heat + 65 ° C for 16 hours, -25 ° C for 16 hours and withstands a cyclically warm humidity of + 55 ° C (condensation).

This is a technical information for ASSA ABLOY PULSE. It contains in-depth information about the product and its properties.

For all ASSA ABLOY PULSE products, the product should not be modified in any way except in accordance with those modifications described in the instructions in the technical information published by ASSA ABLOY Opening Solutions.