

ASSA ABLOY SL500, sliding door opener and emergency opening device EEU and panic break out system PSB/PSB-T

*Holder/Issued to***ASSA ABLOY Entrance Systems AB**

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E-mail: info.aas@assaabloy.com , Web: www.assaabloyentrance.com**Product description**

SL500 is an automatic sliding door opener and is self-adjusting within the known variation of weather and slight friction changes caused by e.g. dirt.

EEU, emergency opening device, electrical emergency unit with batteries for escape route is an accessory for SL500.

PSB/PSB-T, panic break out system for automatic sliding is an accessory for SL500.

Intended use

SL500, impulse-driven motor for operating of sliding doors with max. door leaf weight of 240 kg for single door and 2×200 kg for double doors. Shall be mounted indoor.

EEU emergency-opening device for an escape route, accessories for SL500 used where requirements exist to the door during a power failure opens with rechargeable battery and remains in the open position.

PSB/PSB-T, manual emergency opening device for automatic sliding door in escape route, accessories for SL500.

Trade name

SL500, SL500 ADS, SL510, SL510 ADS, SL520, SL520 ADS. Sliding door openers can be equipped with an EEU electric emergency release device and with manual emergency launcher, PSB / PSB-T.

Approval

The product satisfies the requirements set forth in chapter 8, 4 § 2 and 4 PBL, in respect to and under conditions stated in this certificate, and are therefore approved in accordance with the provisions of the following sections of Boverket Building Regulations (BBR), issued by the National Board of Housing, Building and Planning.

Doors, evacuation	5:335*
Protection against damage by mobile devices	8:33**

* Relates to SL500 provided with EEU or PSB

** Relates to SL500 and will be accepted without emergency stop switch.

Associated documents

User Manual Sliding Door Operator SL500, SL500 T, SL500 SL,1009216-EI-4.0, Issue 2015-10-23.

Type approval SC1319-13 | 2020-03-06

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AO-0003396



Control

The factory production control (FPC) is monitored by an independent inspection body.
Control agreement: Ref no. 210-97-0863, Inspection body: RISE Research Institutes of Sweden AB

When the building proprietor performs inspection at the building site, markings shall be checked to ensure that the correct products have been supplied and that they are used in accordance with the conditions in this approval and associated documents.

The power to push the door should be less than 150N for doors with pressure plate or 220N for quite leaf in evacuation route according to BBR 5:335.

According to BBR 5:12, the fire protection documentation shall include written instructions for testing, care and maintenance performed by the user / administrator.

Furthermore, check that the product is accompanied by a manufacturer's declaration that the product has been manufactured in accordance with the documents on which this certificate is based.

Manufacturing place

Production control includes the following place:
ASSA ABLOY Entrance Systems, Factory No. 6

Marking

The product is to be marked at the factory. The marking consists of a label on every unit supplied and includes:

Holder	ASSA ABLOY Entrance Systems AB
Factory code	Factory No. 6
Product type designation	SL500
Consecutive manufacture no./date of production	nr/datum
Type approval number	SC1319-13
Boverket's registered trade mark	†
RISE Accreditation number	1002
Certification body and Inspection body	RISE

Basis for assessment/approval

Reports no. 3P00635 Rev 1 and 5P06462 from SP Technical Research Institute of Sweden, report no. 3P04181rev3 from RISE Research Institutes of Sweden AB and reports no. DANAK-19/12762 Rev B and DANAK-19/15820 from Delta.

Comments

The electrical equipment shall comply with the applicable electric regulations:
ELSÄK-FS 2017:2; *The National Electrical Safety Board's regulations and general advice on electrical installation work.* ELSÄK-FS 2017:3 *The National Electrical Safety Board's regulations on electrical installation companies and on the execution of electrical installation work.* ELSÄK-FS 2016:3 *the Swedish National Electrical Safety Board regulations for electro-magnetic compatibility (EMC) with amendments*, in order to fulfil the requirements of the approval.

Doors fitted with sliding door opener SL500 meet the requirements for maximum clamping forces according to EN 16005:2012, for instance;
that in the event of failure of the mains supply or unit failure, it shall be possible to open the door with a manual force not exceeding 67 N to release a lock, 90 N to fully open the door when the force is applied perpendicular to the main closing edge in the travel direction.

SL500 range complies with EN 16005:2012 relating to electrical safety, according to the summation indicated in the test report 3P04181rev3 performed by RISE Research Institutes of Sweden AB.

SL500 range complies with EN 60335 -2-103:2003 + A11: 2009, EN 60335-1:2012, IEC 60335-2-103 edition 2.1:2011, IEC 60335-1 edition 5:2010 according to the report 3P00635 Rev 1 from SP Technical Research Institute of Sweden.

SL500 range complies with EN ISO 13849-1:2008 according to report 5P06462 from SP Technical Research Institute of Sweden.

This approval supersedes the previous approval with the same number dated 2018-12-03.

Validity

Valid through 2023-12-02.

The validity of this approval expires when the characteristics included in this approval shall be CE-marked according to the Construction Products Regulation (EU) 305/2011.

Johan Åkesson

This is a translation from the Swedish original document. In the event of any dispute as to its content, the Swedish text shall take precedence.