

EM PSL150, EM PSL150-T and EM PSL100 sliding door opener, emergency opening device EEU and panic break out system EM Break-out system

Holder/Issued to

Entrematic Group AB

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Product description

EM PSL150, EM PSL150-T and EM PSL100 are automatic sliding door openers and are 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 EM PSL150, EM PSL150-T and EM PSL100.

EM Break-out system, panic break out system for automatic sliding doors is an accessory for EM PSL150, EM PSL150-T and EM PSL100.

Intended use

EM PSL150, EM PSL150-T and EM PSL100, 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 indoors.

EEU emergency-opening device for an escape route, accessory for EM PSL150, EM PSL150-T and EM PSL100 used where requirements exist to the door during a power failure opens with rechargeable battery and remains in the open position.

EM Break-out system, manual emergency opening device for automatic sliding door in escape route, accessory for EM PSL150, EM PSL150-T and EM PSL100.

Trade name

EM PSL150, EM PSL150-T and EM PSL100

EEU emergency-opening device

EM Break-out system

Type approval SC1320-13 | 2019-02-13

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2018-01-30



8P08868



Approval

The products satisfy 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 EM PSL150 and EM PSL100 provided with EEU or EM Break-out system

** Relates to EM PSL150, EM PSL150-T and EM PSL100 and will be accepted without emergency stop switch.

Associated documents

Sliding Door Operator EM PSL150, EM PSL150-T and EM PSL100, User Manual, Original instructions, ref. No. 1009216-EMEI-4.0, Issue 2016-03-14.

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.


If automatic activation units are used, the function shall comply with information described in paragraph Comments.

Manufacturing place

Production control includes the following place:
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	Entrematic Group AB Landskrona
Factory code	Factory No. 6
Product type designation	EM PSL150/EM PSL150-T/EM PSL100
Consecutive manufacture no./date of production	nr/datum
Type approval number	SC1320-13
Boverket's registered trade mark	
RISE Accreditation number	1002
Certification body and Inspection body	RISE

Basis for judgement/approval

Reports no. 3P00635 Rev 1, 3P00635-01, 3P00635-02, 5P06462 and 3P04181rev2 from SP Technical Research Institute of Sweden and reports no. DANAK_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 doors EM PSL150, EM PSL150-T and EM PSL100 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.

EM PSL150, EM PSL150-T and EM PSL100 complies with EN 16005:2012 relating to electrical safety, according to the summation indicated in the report 3P04181rev2 performed by SP Technical Research Institute of Sweden.

EM PSL150, EM PSL150-T and EM PSL100 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 report 3P00635 Rev 1 from SP Technical Research Institute of Sweden.

EM PSL150, EM PSL150-T and EM PSL100 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 2016-04-01, with project number 5P08100.

Validity

Valid through 2024-02-12.

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.

Ingvar Pettersson

Annika Hermodsson

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.