

M A D E I N G E R M A N Y

 **Erichsen**
Automatic Door



EADS150
Automatic Sliding Door

EADS150

EAD-S150 is made for undemanding entrances to places with high traffic, doors with normal or tripleglazing glass, average-sized entries or tall wide heavy doors. Operator of EAD-S150 gifts any architecture with a stunning look.



Standard	EADS150
German standard DIN 18650	✓
EU standard EN 16005	✓
EU standard EN 60335	✓
EU standard EN ISO 13849	✓
Manufactured according to DIN ISO 9001	✓

Standard	EADS150
EU low-voltage directives	✓
EU EMC directives	✓
CE conformity	✓
Tested for 1.000.000 Cycles	✓

Technical Detail EADS150

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Opening width - single leaf	800 - 2000mm
Opening width - double leaf	1000 - 3000mm
Max leaf weight (single)	200kg
Max leaf weight (double)	2 x 150kg
Operator height	100mm
Operator depth	174mm
Opening speed	Variable up to 1.1m/s (Double leaves)
Closing speed	Variable up to 1.1m/s (Double leaves)
Hold-open time	0 - 30s adjustable
Protection class	IP20
Ambient temperature	-15 to + 50°C
Input power	230V AC $\pm$ 10%, 50/60 Hz
Input power US-version	115V AC $\pm$ 10%, 50/60 Hz
Max power consumption	250W
German-made control unit	✓
German-made motor	✓
Gear motor power	100W
Track profile	Stainless Steel
Anti-noise rubber profile	✓
Rechargeable backup battery	optional
Max operation cycles with 2.2 Ah backup battery	≈400

Technical Detail	EADS150
Possibility to use safety sensors with testing signal	✓
Possibility to adjust force limitation according to DIN 18650 & EN 16005	✓
Mechanical key switch	✓
Digital programme switch	optional
Electromechanical lock	optional
Lock monitoring	✓
Power lock	✓
24V DC output for external accessories	✓
Read-out error memory with error codes (with digital programme switch)	✓

Frame Types	EADS150
TBS	✓
THB	✓
UTS	✓
Saturn	✓
Frameless	✓

CONTROL UNIT

EAD-S150 new controlling microprocessor circuit board is designed and made by utilizing the most novel parts and latest technologies. Hence despite its miniscule size, its capabilities are incredibly superior to those of older models. In each and every step of designing and producing this controller, we have taken care of all research, design and production stages in Germany and under close supervision of our German engineers who have decades of invaluable experience and we have also thoroughly followed all European Union and German DIN norms, such as machinery directives and electromagnetic compatibility (EMC) regulations. This has led EAD-S150 controller to ensure your safety and live a much longer prosperous life compared to similar products. Moreover, due to the use of sophisticated technologies to save energy and resources, you can be justly proud of enjoying an eco-friendly technology!



Some points worth considering are:

- Ability to work with battery in case of power-cut for non-escape models.
- Ability to charge and perfectly maintain the battery which brings the battery a much longer lifetime.
- Ability to match with various types of sensors available in the market.
- Ability to be adjusted and programmed by digital program switch.
- Self-diagnose and error detection.
- Having standard RS485 interface for connecting to other accessories.
- Ability to automatically adjust speed and slopes according to input voltage changes.
- Ability to work with 20% higher or lower than nominal input voltage.
- Completely protected system input ports which reduce the damage risk due to human error during installation.

GEAR MOTOR

Like its other state-of-the-art parts, EAD-S150 motors are fully made in Germany. Their 100W motors are absolutely indestructible and are there to ensure reliable performance for a lifetime. Great efficiency and enhanced function are achieved through employing years of experience and the latest technologies in the process of our motors' design and production. These brushed DC motors are so quiet that while in action, you will hear nothing but a muffled sound.



POWER LOCK

In many cases, there is no real need for (optional) electromechanical lock and buildings ensure security by other means. However, it is necessary for the entrance to be allowed limited access. In this case, power lock free function is a wholesome solution. When the door is locked, if there is pressure on it for becoming open, the motor will use its full power in the opposite direction and make it practically improbable to enter for unauthorized individuals.



TRACK PROFILE

Since our stainless steel track profiles are rust-proof and anti-abrasion, they will never need to be replaced. This will be a great value for your money during time and will prevent any possible complication which may happen when replacing profiles.



ACCESSORIES

Battery

Our doors will always open for you! Holux sliding systems' 2.2 Ah battery will be your trusted friend for all time. This strong vital part will open and close your door up to 400 times in case of power failure.



Digital Programme Switch

Our digital program switch's easy-to-read, full-text display provides perfectly well-defined access to all performance data and parameters. Adjustment and diagnostic processes can be accurately duplicated or customized to meet your specific needs. Moreover, it has protection password code.



Electromechanical lock

Erikson electromechanical lock has been designed for the highest levels of security. It utilizes steel pins to lock both leaves simultaneously and therefore, is much safer compared to those models which lock the timing belt or just one leaf. Furthermore, since it employs bistable mechanism, system's power reset does not affect the lock's state. Due to using powerful batteries and an intelligent circuit, battery usage is reduced to zero when the door is locked and there is a power cut. Thus, even weeks after the input electricity has been cut, the system can open the lock and the door by the key switch, which is an optional accessory and can be installed outside of the entry area.



Mechanical Key Switch

A mechanical key switch might sound a little old-fashioned. The upside, however, is that due to its being around for quite a long time, you will need no special knowledge or expertise to enjoy its advantages. It also offers five modes: full open, partial open, lock, automatic and one-way.





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MADE IN GERMANY

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EN.01.01042026