

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

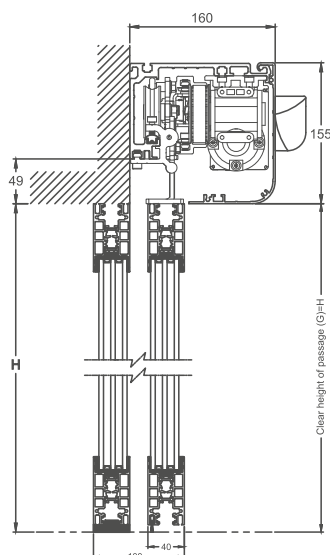
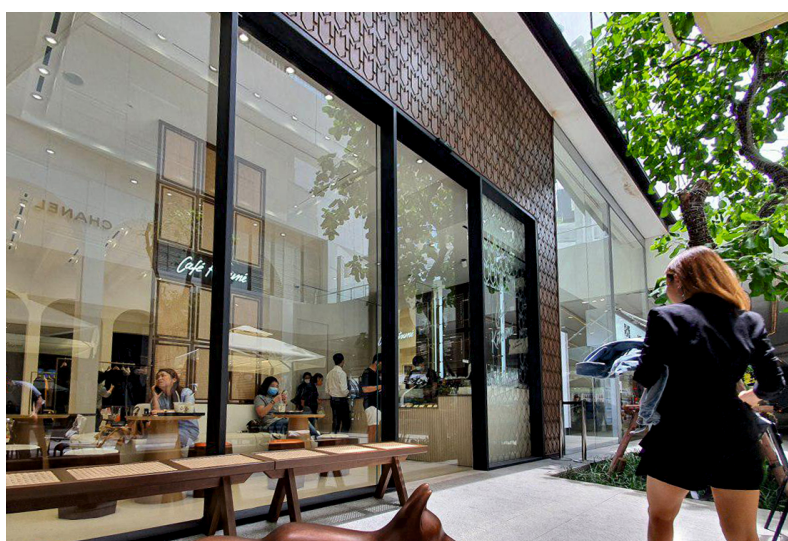
 **Erichsen**
Automatic Door



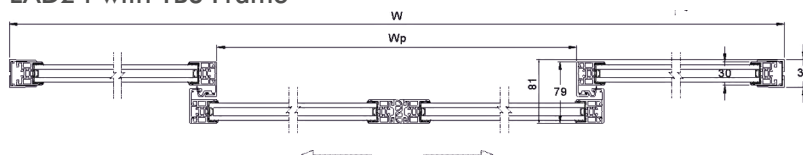
EAD24
Automatic Sliding Door

EAD24

Erikson EAD24 is your ultimate solution for demanding interior or exterior applications or where tall or wide heavy doors and double or especially triple-glazing glass is a necessity. This model has brought superior strength and incredible resistance to wear together with beauty and elegance. Due to its rubber profile, you hear nothing more than a whisper. Its stainless steel track profile promises to stay with you for all time and make your choice energy-saving and cost-effective. EAD24 has been certified as a product which satisfies all safety needs.



EAD24 with TBS Frame



Technical Detail EAD24

Specification

EAD 24

Power Supply	230V/92 VA
Gear Motor Power	100 W
Type of Protection	IP 20
Temperature Range	-15 °C to +50 °C
Max. Weight of Single Leaf	1x 200 kg
Max. Weight of Double Leaf	2x 150 kg
Opening Width – Single Panel	800 -2000 mm
Opening Width – Double Panel	1000 – 3000 mm
Opening Speed	Variable up to 1.1m/s (Double leaves)
Closing Speed	Variable up to 1.1m/s(Double leaves)
Hold Open Time	0-30 s
Operator Height	155 mm
Operator Depth	160 mm
Anti-noise Rubber Profile	✓
External protected power supply	✓
Track Profile	Anti-abrasion Stainless Steel
Number of motors	1
Number of control units	1
Number of hangers per leaf	2

Technical Feature

EAD 24

Dual gear motor and control unit set for master and slave concept	-
Max power consumption	250 W
Backup battery for emergency opening	-
Max operation cycles with 2.2 Ah battery (Optional)	≈400
Max operation cycles with 7.2 Ah battery (Optional)	1000
Lock monitoring	✓
Possibility to use safety sensors with testing signal	✓
Possibility to adjust force limitation to DIN 18650 and EN 16005	✓
Emergency exit routes in both directions	-
Mechanical key switch (Optional)	✓
24V DC output for external accessories	✓
Power Lock	✓
Possibility of using electromechanical lock (Optional)	✓
Possibility of using digital programme switch (Optional)	✓
Read-out error memory with error codes (with digital programme switch)	✓
Programmable relay input (optional)	✓
Programmable relay output (optional)	✓
DMS (Optional)	✓

Technical Detail EAD24

Standards	EAD 24
Compliant with German standard DIN 18650	✓
Compliant with EU standard EN 16005	✓
Compliant with EU standard EN 60335	✓
Compliant with EU standard EN ISO 13849-1	✓
Compliant with EU low-voltage directives	✓
Compliant with EU EMC directives	✓
Manufactured according to ISO 9001	✓
TÜV approved	✓
CE conformity	✓
Tested for 1.000.000 cycles	✓

Frame Types	EAD 24
THB	✓
TBS	✓
UTS	✓
Saturn	✓
Frameless	✓

CONTROL UNIT

EAD24 has a fully German high-tech novel control unit. Our latest software has equipped this control unit to save more energy, be more user-friendly and allow door networking for up to 256 doors without any additional device requirement and unlimited number of doors by building segmented network branches.



GEAR MOTOR

EAD24 series is driven by a highly powerful reliable electromotor made by German manufacturer. Having met various international standards, our motors are made service-free, sturdy and long lasting.



POWER LOCK

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

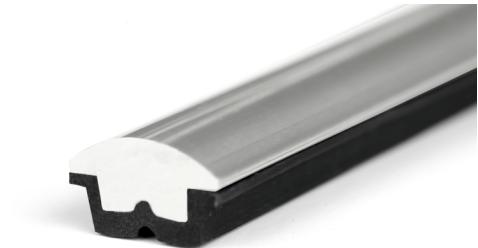
Stainless Steel Track profile:

Since Erikson's 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.



Aluminum Track profile:

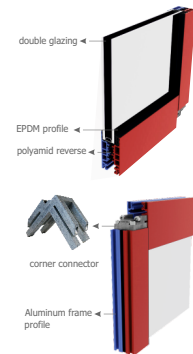
When Erikson's detachable aluminum track profiles are worn out after a lengthy period of time, they can easily be replaced, which costs much less in comparison with replacing the whole rail.



Erikson EAD24 series can be matched with many different types of frames such as THB, TBS, UTS and Saturn or they can even be employed frameless. This versatility allows this series to be really flexible toward its respected clients' visions and wants.

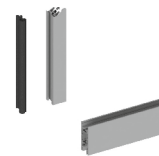
THB

A great choice of frame to pair with this impeccable series is thermal break Frames (THB) which by insulating the door against undesired or harsh weather conditions, save the energy and consequently, your budget! Furthermore, since these are incredibly strong frames, they are an ideal option when heavy doors are required.



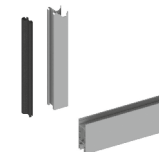
TBS

When saving energy is of importance, TBS frame is an economical and inexpensive solution. Besides being thermal break, it can be coupled with double-glazing glass. Its thinness and also one-of-a-kind combination with Erikson EAD24 series, which hides the upper horizontal profile inside the operator's case, has made TBS frame a smart gorgeous choice for modern architecture. This type of frame has successfully been tested for escaped doors.



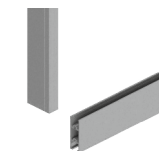
UTS

This frame is the non-thermal break version of TBS and has all its advantages. Due to not being thermal break, it has an even more competitive price. While enjoying all TBS beauties, for buildings' inside doors and for places where the exchange of cold and hot air does not matter much, UTS is an excellent value.



SATURN

This is a reasonably-priced frame suitable for single-glazing and tampered glass. When you wish to have a glass frontage and yet, prefer to use a thin frame instead of frameless glass, Saturn is a convenient low-priced solution.



FRAMELESS

This full-glass system is the most suitable choice for those who wish to have elegance combined with radiance. These sliding doors provide excellent light exchange between inside and outside.



ACCESSORIES

BATTERIES

We are offering you doors which will never fail. Erikson batteries provide the system with steady flow of energy. In the event of a power-cut, the 2.2 Ah battery will provide you with 400 cycles of open/close. No matter what, these doors with Their marvelous operating systems will not let you down!



DIGITAL PROGRAMME SWITCH

User-friendly has been given a whole new meaning with this digital program switch's easy-to-read, full-text display. You will get easy access to all performance data and parameters and for any special need you might have, its adjustment and diagnostic processes can be accurately duplicated or customized. Protection password code is another significant feature of this digital program switch. Such a terrific "optional" part cannot be ignored!



MECHANICAL KEY SWITCH

Erikson's presents its mechanical key switch with the five modes of full open, partial open, lock, automatic and one-way. Simple yet functional, this is another accessory which will definitely come in handy.



ELECTROMECHANICAL LOCK

EAD 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.



*In case of using a remote control or any other battery-operated device, battery's life in the event of power-cut depends on how much the receiver or other accessories draw on the energy.

Highly secure electromechanical multi-point lock (HSML)

This highly secure electromechanical multi-point lock is a real necessity in places where increased security is demanded. Using steel pins, it will simultaneously lock the leaves together and to the floor, which has been pre-drilled to provide the required holes for the pins. Intruders will be slowed down and stopped due to this lock's power to resist dynamic/static forces and aggressive tools such as wedges.







 **Erichsen**
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