



DORMA
Automatics

ESA Sliding Doors

DORMA — nearly 100 years old and still giving you fresh, innovative thinking.

A history of innovative design.

Since 1908, DORMA has been quietly building a reputation for producing some of the world's most technologically-advanced automatic door systems available. Headquartered in Germany, this innovative company is widely-recognized for products displaying attractive looks, superior functionality and design flexibility.

DORMA is an international group of companies with production facilities

throughout the world, as well as sales staff in more than 130 countries. Customers and architects never need to look far for help thanks to an extensive network of door system professionals.

Today, DORMA is one of the world's leading suppliers of automatic door systems and components—operators, controls and complete door systems for practically any application.

DORMA Automatics U.S.A.—based in Upper Marlboro, Maryland—designs and manufactures an extensive

range of automatic doors meeting or exceeding industry standards while maintaining architectural appeal.

DORMA Automatics markets sliding, swinging and revolving door systems covering a wide range of applications and finishes.

Each product offers exclusive features such as an advanced microprocessor controller for precision performance and long-lasting reliability. A variety of sensors—all engineered to provide optimum safety—are available to meet every

application. Other features setting DORMA Automatics apart from competitors include a hand-held CPU for quick commissioning and diagnostic servicing as well as a continuous self-monitoring system for an extra measure of safety and efficiency.

ESA-300 Narrow Stile





ESA-300 Narrow Stile

Leading the World in Door Systems Technology™

DORMA Automatics is a leading innovator of automatic door systems with products for practically any application including retail, hospital, office buildings, airports and more. Applications include:

- Sliding Doors—Featuring one of the smartest, most technologically-advanced automatic doors on the market.
- Swinging Doors—The EDA uses an electro-mechanical design appropriate for demanding applications such as retail centers, airports and healthcare facilities.

- Low Energy Operators—For all low-energy applications, DORMA offers two quality solutions. The brand new ED700 low energy operator is the most versatile and flexible solution available, while the ED800 offers unique features for either low energy applications or for manual operation. Both products comply with ADA standards.

- Revolving Doors—Manual and automatic revolving doors are ideal for high-traffic applications requiring simultaneous entry and exit, controlled access, or an air-lock to help control energy costs. DORMA Automatics partners with Crane Revolving Doors to achieve total door automation solutions.

DORMA Automatics and Crane Revolving Doors are part of DORMA Group North America, which includes DORMA Architectural Hardware, DORMA Glas, and Modernfold Moveable Wall Systems. This group has six sales and service centers— including Mexico and Canada— combined with production facilities serving customers throughout North America. Each entity contributes their shared knowledge and business expertise making DORMA Group North America the one-stop supplier for complete systems and all of your commercial opening needs.



The DORMA ESA. Bringing advanced technology to an attractive new level.



ESA-200 Narrow Stile (with optional emergency exit device)

Our header keeps an attractive profile.

This impressive low-profile header is 4.5" x 7.5" and is one of the strongest in the industry. Designed to blend seamlessly with industry standard profiles, yet robust enough to span large openings, the header is self supporting with no additional reinforcement required.

DORMA is the only American manufacturer offering a belt-drive system in this dimension.

A self-closing device comes standard with our ESA-200 model to return the active door panel to its fully closed position after an emergency or incidental breakout. Most door makers only provide this feature as an option at a significantly higher price.

The ESA provides a smooth clean look without horizontal ridges that detract from the appearance of the door.

Doors that are seen but never heard.

Another exclusive feature from DORMA Automatics is a sound-dampening track. It reduces operational noise to a mere whisper and stops vibration resonance that can be transferred to building structures.

An extruded EPDM rubber profile, located beneath the replaceable aluminum track, muffles sounds caused by friction from door carrier rollers.



Putting programming power in your hands.

Factory-trained service technicians can easily make exact settings, adjustments, and inspections to the door, saving time and expense. Commissioning is more efficient than ever.

An easy-to-read, full text LCD display communicates in multiple languages providing well-defined access to all performance data and parameters.

Precise performance time after time.

Our microprocessor controller-motor-encoder system constantly monitors door position, delivering a higher level of efficiency and safety. The safety beams are

self-monitored and tested before each closing cycle.

A closed-loop control system creates a precise, smooth movement when the door is activated. Mechanical position switches are not used, adding to superior reliability and lower service costs.

Via the hand terminal, you can duplicate door settings for multiple doors, eliminating extra set up and maintenance.



Meet the brains behind the operation.

The ESA uses the most intelligent and advanced microprocessor controller in the automatic door industry.

The fully-integrated digital design is self-learning and constantly monitors critical door functions and safety adjustments.

A built-in serial interface allows the door to be networked to facility

management systems and DORMA accessories. Working with the DORMA hand-held terminal, commissioning, adjustment and diagnostic processes can be accurately duplicated or customized to meet your specific needs.

DORMA Automatics manufactures some of the highest quality components available in the market today.



The DORMA ESA. Proof that style and substance can co-exist in the same door.

ESA-400 Fine Frame (with optional remote access opening)



Fine Frame design.

For elegant and upscale applications, DORMA offers the ESA in a Fine Frame style. This new design is a perfect marriage of aesthetics and functionality. It's ideal for high-end retail stores as well as modern office buildings. This Fine Frame design comes with 3/8" fully tempered glass panels for a stylish low-profile framing system that uses the same robust commercial operator as in all ESA doors. It also combines full view aesthetics with excellent weather-sealing qualities.



ESA CONFIGURATIONS

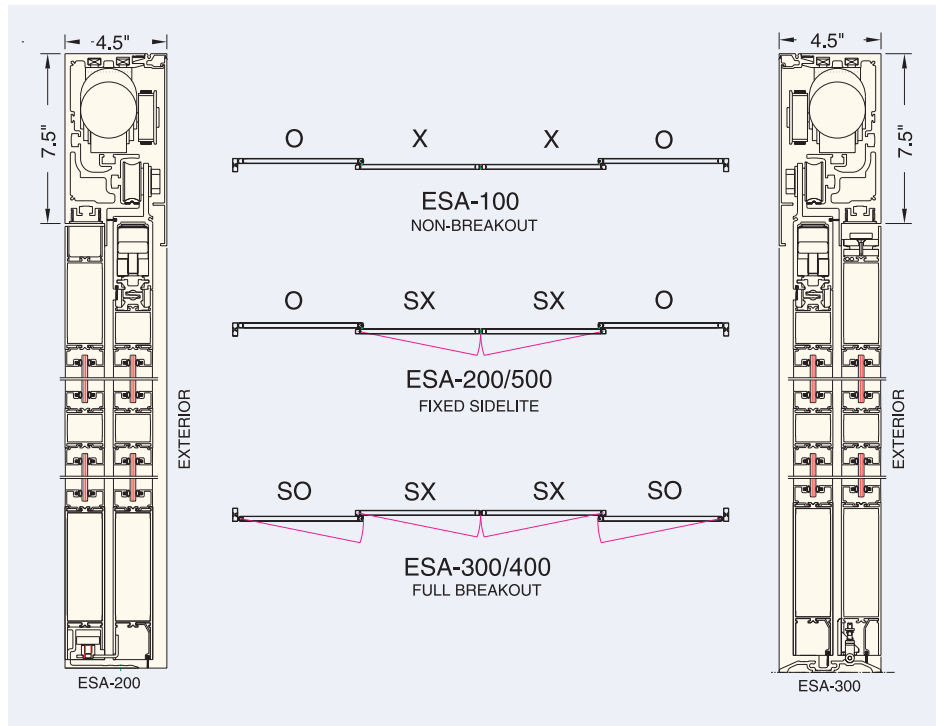
ESA-100—For applications that do not require emergency breakout panels.

ESA-200—For applications requiring emergency egress through sliding panels only.

ESA-300—For applications requiring emergency egress through the sliding and fixed door panels.

ESA-400—For applications requiring a high level of visual transparency with the features of a full breakout design.

ESA-500—For applications requiring maximum visual transparency with emergency egress through sliding panels only.



With so many models and features, our doors also open design possibilities.

	ESA-100 Non-Breakout	ESA-200 Fixed Sidelite	ESA-300 Full Breakout	ESA-400 Fine Frame	ESA-500 Fixed Sidelite
Single Slide Configuration	■	■	■	■	■
Bipart Slide Configuration	■	■	■	■	■
4.5" x 7.5" Header	■	■	■	■	■
Concealed Header Application	■	■	■	■	■
Surface Mount Application	●	●			●
1.75" x 4.5" Double Pocket Jamb	■	■	■	■	■
Sound Dampened Track	■	■	■	■	■
Self-Monitoring System	■	■	■	■	■
Five Function Program Switch	■	■	■	■	■
Adjustable Motion Sensors	■	■	■	■	■
Monitored Photoelectric Beams	■	■	■	■	■
Monitored Presence/Motion Sensors	●	●	●	●	●
UL Listed for U.S. & Canada	■	■	■	■	■
Self-Closing Slide Panels		■	●		
Fine Frame Door Panels				■	
Narrow Stile Door Panels	■	■	■		
Medium Stile Door Panels	●	●	●		
All Glass Door Panels					■
Transom	●	●	●	●	●
3.625" Bottom Rails					■
3.75" Bottom Rails				■	
7.5" Bottom Rails	■	■	■		
10" Bottom Rails	●	●	●		
0.250" Glazing	■	■	■		
0.375" Glazing				■	
0.50" Glazing	●	●	●		■
1.0" Glazing	●	●	●		
204-R1 Clear Anodized Finish	■	■	■	■	■
313-R1 Dark Bronze Anodized Finish	■	■	■	■	■
Special Finishes	●	●	●	●	●

Standard ■ Optional ●



DORMA Group North America

Leading the World in Door Systems
Technology™

DORMA Automatics

Crane Revolving Doors

DORMA Architectural Hardware

DORMA Glas

Modernfold

Cover shows ESA-400 stainless
steel clad with transom



DORMA Automatics
375 Prince George's Boulevard
Upper Marlboro, MD 20774

Toll Free: 877.367.6211
Fax: 301.390.5515

Email: automatics@dorma-usa.com
www.dorma-usa.com

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ESA-500 All Glass