DESIGN EXPRESSION

ENERGY SAVE MENTALITY

The SL300+ automatic door system complies with low power consumption DIRECTIVES and STANDARDS.

doorson
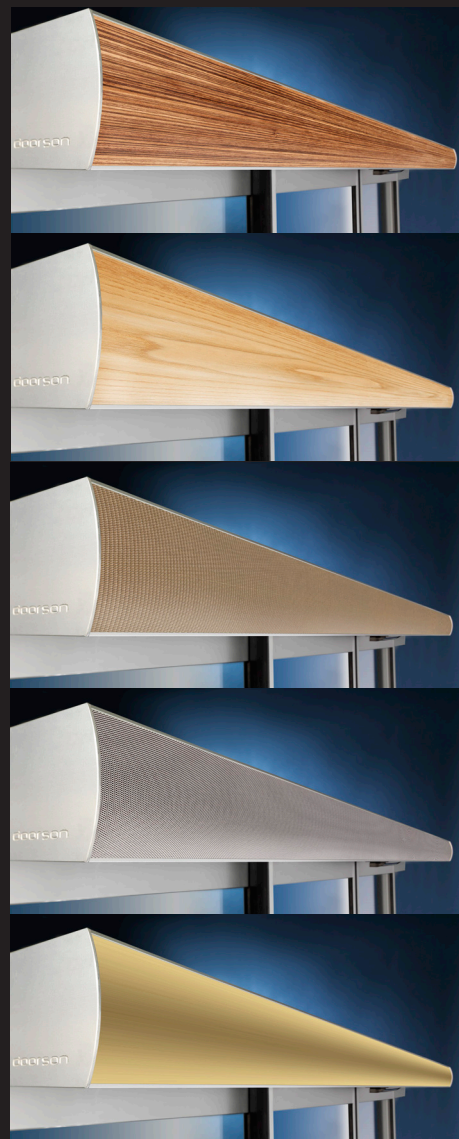OPENING YOUR INSPIRATION

AUTOMATIC DRIVE

key features include:

DRIVE DECORATION application of different materials covers wooden, metal and textile DECORATION to enrich space through straight lines. BUILT-IN SENSOR technology leaves the decoration intact and increases door security (closer detection of sliding wings) at the same time. This idea is an answer to the never-ending story of using black sensors on the front sides of the door drive.

SLIM LINE DRIVE design emphasizes the balanced dimensions, proportions and shapes. Color shadowing, most notably on margins where the upper and lower edge meet both lateral masks, gives our product a distinct identity to competing products even without decoration.

THERMAL INSULATION

The doors are constructed from thermally broken aluminum profiles and highly insulated glass, resulting in a well-insulated automatic sliding doors system. Thermal insulation values for standard size doors reach a thermal transition of up to $1,8W/m^2K$ in compliance with all relevant standards and directives.
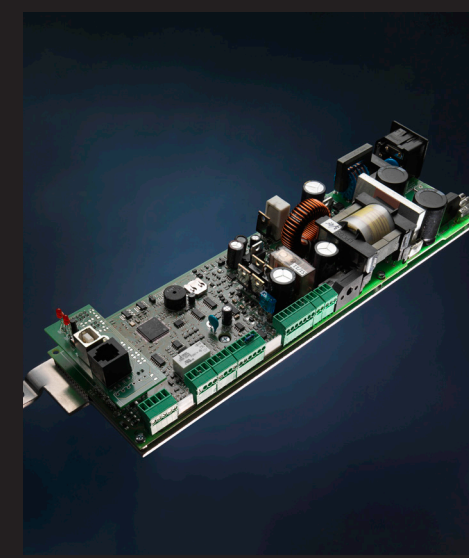
CAN WE SAVE MORE?

ELECTRIC SAVE

Doorson's goal of building highly energy-efficient doors is attained through an adaptable drive system that guarantees economical electric power consumption day in, day out, all year round. Our calculations display an excellent electric power consumption of less than 0,5W in sleeping mode.

In just a few years, the entire investment will pay for itself through reduced electricity expenses.
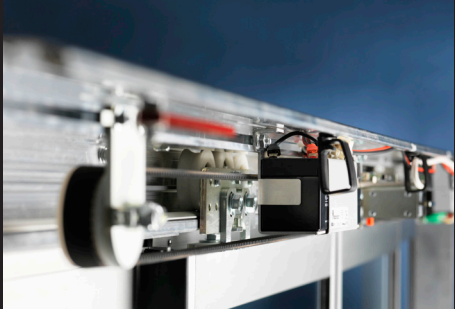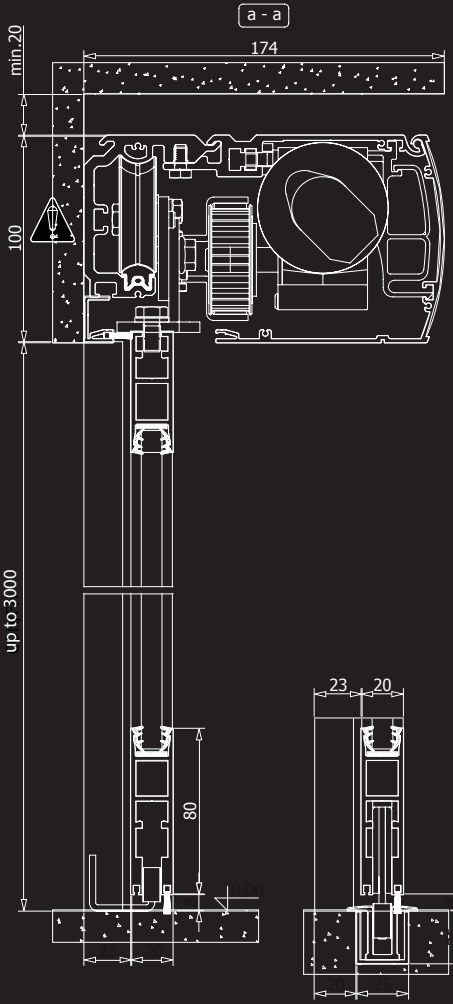
AUTOMATIC SLIDING DOORS SL300+

TYPE	DRIVE	DESCRIPTION
SL300 lite	lite	lite door - limited functionality
SL300	standard	standard door
SL300 r	standard redundant	standard door - redundant
SL300 C	standard	curved door
SL300 C r	standard redundant	curved door - redundant
SL300 T	standard	telescopic door
SL300 T r	standard redundant	telescopic door - redundant
SL300 P	standard	prismatic door
SL300 P r	standard redundant	prismatic door - redundant
SL300 SC	standard	semicurved door
SL300 SC r	standard redundant	semicurved door - redundant
SL300 A	standard	door with break-out system
SL300 F	mechanical redundant	fire door without break-out system
SL300 F r	standard redundant	fire door without break-out system - redundant
SL300 EF	mechanical redundant	fire door with break-out system
SL300 EF r	standard redundant	fire door with break-out system – redundant

r - redundancy, for escape routes and emergency exits according to EN 16005

SL300⁺ - energy save ability, power consumption < 0,5W

Represents a new generation of high frequency sliding doors The product covers all aspects of a standard EXTERIOR solution. The INNOVATIONS we built in focus on the INTERIOR SIDE of the door. Our contribution to the ARCHITECTURAL design brings the door closer to internal furniture and interior.
Our scoping DESIGN IDEAS and TECHNOLOGICAL ADVANTAGES further support marketing approach, give the product higher value and, finally, offer new stories for the future.
We focus on AUTOMATIC DRIVE and OPERATION SWITCHES. These represent our main advantages and differences compared to other products on the market.

Standard automatic doors apply different operational switches in the same place. Existing operational switches come from different manufacturers and include different styles. Our intention is to apply common family SL300⁺ OPERATION SWITCHES for automatic doors.

We integrate different functions in our PRODUCT FAMILY:

0,5w ENERGY SAVE	AIR CURTAIN CONTROL	DIAGNOSTICS	RFID ACCESS
ACCESS	ACCESS	ACCESS	REDUNDANT
MONITORING	FIRE SAFETY	DC MOTOR CONTROL	32 BIT CORTEX M3
BLUETOOTH	WiFi	CAN	ETHERNET
USB	SAFETY OPERATION		

We integrate the following in our PRODUCT FAMILY:

COM21	basic mode selector for simple users
COM20	advanced mode selector for advanced users as well as installation, service and maintenenance personnel
SENSE SWITCH	touchless opening for hospitals and for persons with disabilities
RFID SWITCH	access control functionality
EMERGENCY SWITCH	for doors on escape routes and emergency exits, fire doors and safety

www.doorson.com