Ditec DAB205

Automation for swing doors. Motor opening, spring and motor closing

- The new **Ditec DAB205** is the top-of-the-range solution for swing-door automation systems. It features an extremely powerful gear motor that drives the door open and assists in closing, supported by a spring.
- **Ditec DAB205** allows to automate even swing doors that **weigh up to 400 kg.**
- With **Ditec DAB205**, the user has complete control of the door functioning, with the ability to choose the operating mode that best meets its requirements, including PUSH&GO, Power Assist and Low Energy modes.
- **Ditec DAB205** is certified in accordance with European directives and regulations, including the new industry standard EN 16005.
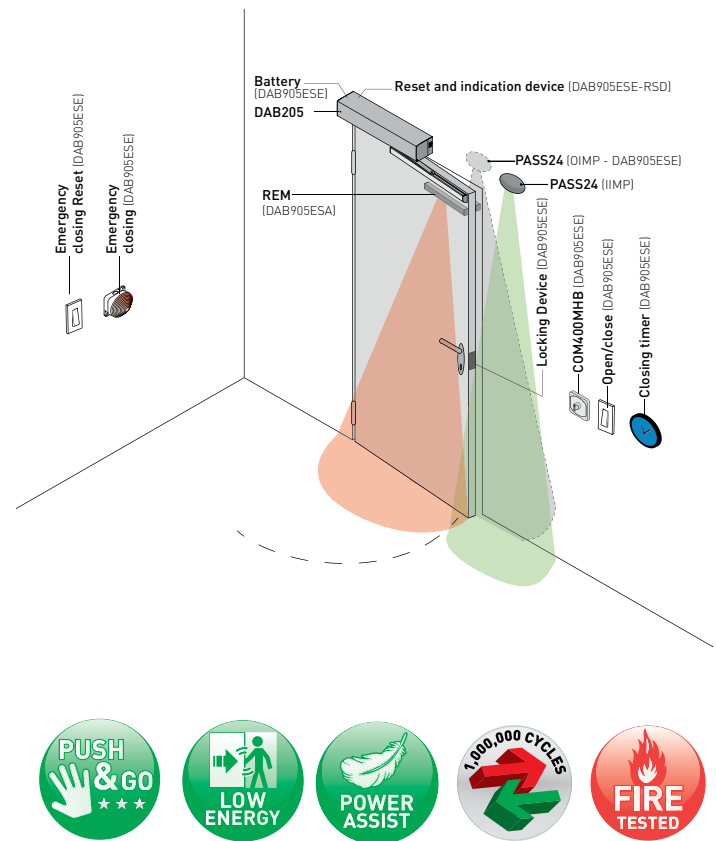
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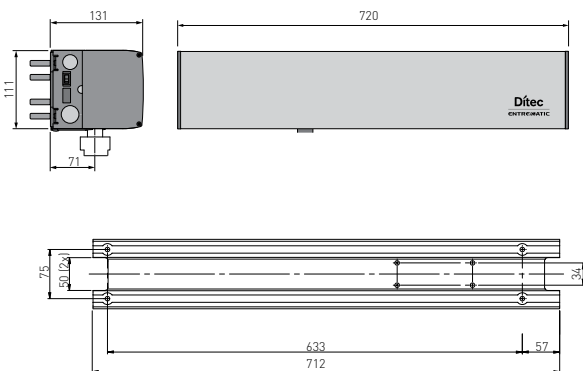ENERGY
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Product specifications

EN

Technical specifications

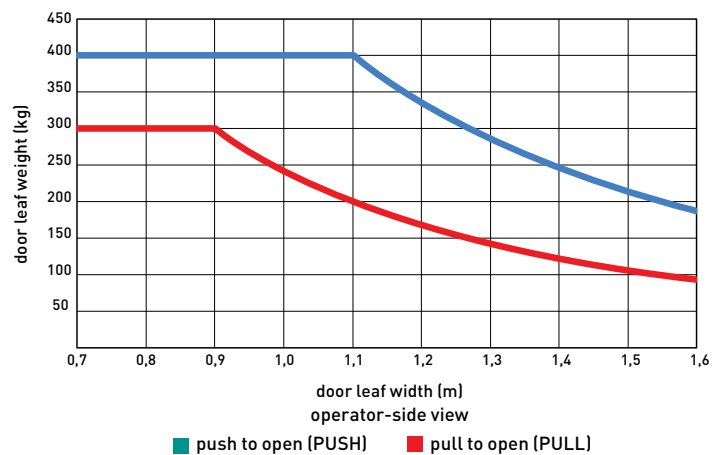|	DAB205
Description	motor opening, spring and motor closing
Stroke control	encoder
Maximum capacity	400 kg
Door wing opening angle	DAB805PSA2 articulated arm: 80°-110° DAB805PLA2 sliding arm: 80°-110°
Lifecycle	1,000,000 cycles
Power supply	110-230 V AC/ 50-60 Hz
Consumption	max. 300 W
Motor power supply	24 V DC
Accessories power supply	24 V DC / 0.7 A
Electricallly operated lock (with optional card DAB905ESA)	12 V DC / 1.2 A - 24 V DC / 0.6 A
Batteries (with optional card DAB905ESE)	■ (optional)
Opening time	2.5÷12 s/(0-80°) (adjustable)
Closing time	4÷12 s/(90°-10°) (adjustable)
Hold open time	1.5÷30 s
Operating temperature	-20°C / +45°C (-10°C / +50°C with batteries)
Protection rating	IP20
Product dimensions	111x131x720
Automation weight	16 kg
Control panel	DAB205CU (built-in)
ODS - Obstruction detection system	■
Low energy mode	■
Push opening - PUSH & GO	■
Emergency Stop / Emergency Reverse	■
Safety Test	■
Operator status control (with optional card DAB905ESA)	■ (optional)

Installation type

Dimension

Operation diagram

door leaf weight (kg) vs door leaf width (m)
operator-side view

■ push to open (PUSH)   ■ pull to open (PULL)

Relevant Directives and Standards

MD	EMCD	LVD	EN 16005	FIRE-RESISTANCE CERTIFICATION
Machine Directive	Compatibility Directive Electromagnetic	Low Voltage Directive	User Safety Standard	

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