



GLOBAL 4

OPERATOR FOR

AUTOMATIC SLIDING DOORS

The **GLOBAL 4** operator is suitable for frameless and framed doors up to 200kg per leaf, and clear opening width up to 3000mm.

It is adaptable to all types of door frame profiles, up to a width of 65mm, and designed for a heavy traffic flow.

The **GLOBAL 4** is a modular slider, with a motorisation system of a length of 870mm, including aluminium support and cover, DUNKER gearmotor, control board, power supply and emergency battery pack. Its versatility allows to fit single and bi-parting leaf doors of different passage widths.

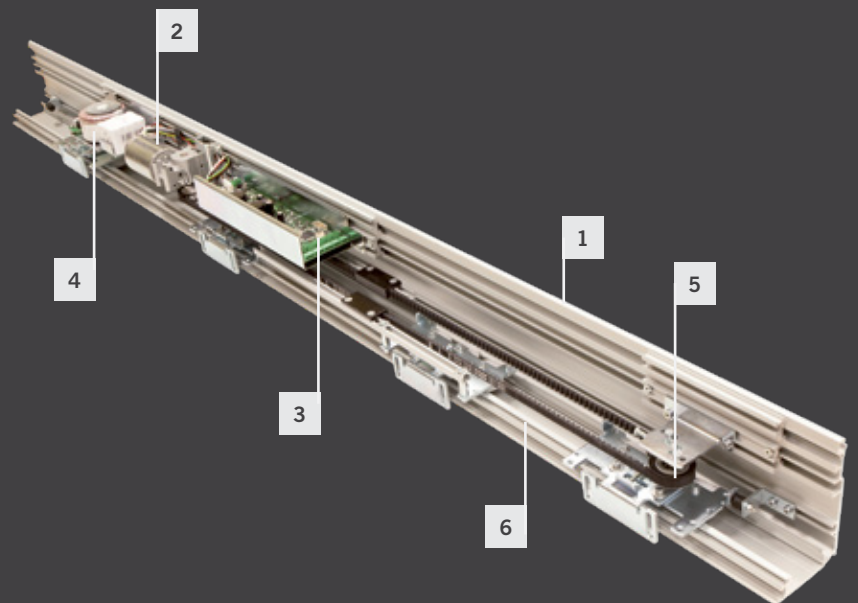
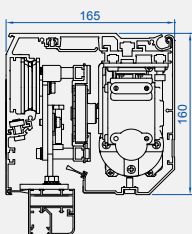
The motorisation is preassembled and pretested, making it quick and easy to install by one person. Just fix the support profile, hang the leaves, adjust the drive unit, connect the sensors, electrolocks or other devices, and the system will be ready to use.

- Powerful:** The right operator for higher and heavier doors.
- Safety:** Designed in compliance with the safety standards EN16005
- Movement:** Silent and dynamic movement on opening and on closing
- Use:** Intensive
- Encoder:** Precise control of the door positioning

The GLOBAL 4 operator includes:

- 1 Support operator profile
- 2 Dunker gearmotor
- 3 Control board
- 4 Power supply and battery
- 5 Tensor pulley
- 6 Endless toothed belt

GLOBAL 4 aluminium profile:



GLOBAL 4 ADVANTAGES

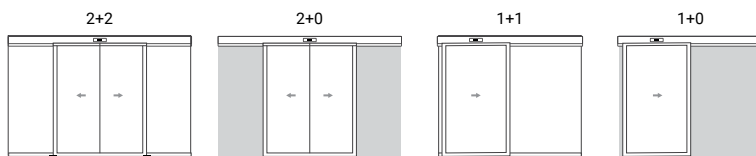
- **Motor:** Permanent magnet motor of 40Vdc
- **Carriers:** Strong, adjustable and made up of three interchangeable 52mm POM wheels.
The central wheel prevents possible derailments due to impacts.
- **Belt:** Neoprene with a fiberglass core HTD 8m (8mm tooth pitch).
- **Controller:** Closed loop PID control which allows a very precise movement control.
It monitors the motor intensity & temperature, the battery voltage & charge level, the electromagnetic lock position, and the safety sensors.
Motor force control system with obstacle detection for users' safety.
Same controller for all Erreka sliding door operators.
- **Battery:** Panic break-out system in case of a power supply failure.

TECHNICAL FEATURES

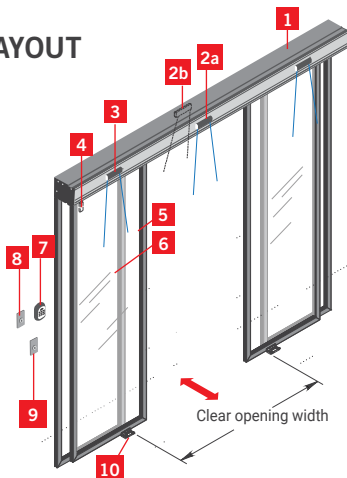
	Single leaf door (1 moving leaf)	Bi-parting double leaf door (2 moving leaves)
Free passage width (Min-Max)	700-3000mm	1000-3000mm
Max. leaf weight	140kg	100kg , 100kg
Max. Leaf width	3050mm	1550mm
Min. Leaf width	750mm	550mm
Max. leaf height	3000mm**	
Opening speed (Min-Max)	0,2m/s - 0,7m/sec	0,4m/s - 1,4m/sec
Closing speed (Min-Max)	0,1m/s - 0,5m/sec	0,2m/s - 1m/sec
Power supply	230V - 50/60Hz	
Motor power supply	40Vdc	
Operator max. consumption	200W	
Batteries	24V Ni-Cd (800 mA)	
Relative humidity	10% to 90% without condensation	
Operating temperature	- 20°C / +50°C	
Use	Intensive	
IP - Protection class	IP20	

**Note: Larger leaf heights might be available on request, based upon shopfront's dimensional study results.

DOOR CONFIGURATIONS



INSTALLATION LAYOUT



ACCESSORIES

PROGRAMMER SELECTOR

DIG SEL01 Digital CAN selector (Settings and working modes)	ROT SEL01 Mechanical CAN selector (Working modes)

ELECTROMAGNETIC LOCKS

FAILSAFE Operator lock (Unlocked in case of blackout)	FAILSECURE Operator lock (Locked in case of blackout)

KEY SWITCHES

LSESU-002 Switch key lock (surface mounted)	ZSEG10 Switch key lock (flush mounted)

SENSORS

RAD17 Infrared sensor with door learn technology, activation and safety functions. Uni-directional and EN16005 compliant.	RAD12 Infrared and microwave sensor with door learn technology, activation and safety functions. Uni-directional and EN16005 compliant.
RAD9 Microwave sensor (activation). Bidirectional	PUL06 Touchless microwave sensor (activation)

- 1 Operator
- 2a Internal sensor (activation and safety)
- 2b External sensor (activation and safety)Side
- 3 Screen safety sensor
- 4 Indoor manual release (FAILSECURE lock)
- 5 Moving leaf
- 6 Fixed leaf
- 7 Digital CAN selector (DIG SEL01)
- 8 Mechanical CAN selector (ROT SEL01)
- 9 Exterior key switch
- 10 Floor guide