

iMotion® 1401 Swing Door Drive



intelligent



modular



ecological



reliable

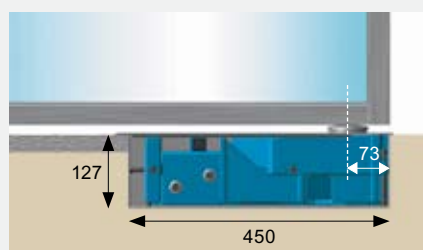
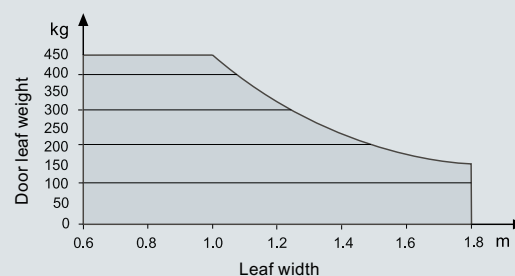


economical

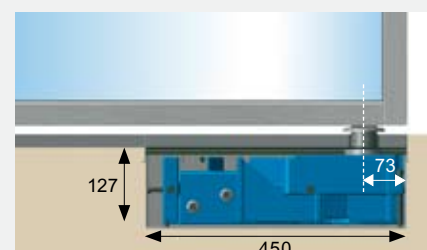
Areas of application	External and internal doors
Drive type	Motor opening, spring closing (motor-supported if required)
Motor	AC permanent magnet, synchronous motor
Control system	Micro-processor (MCU32)
Mains connection	1 × 230 V AC / 1 × 115 V AC, 50 ... 60 Hz, 10 A
Power consumption	4 ... 250 W
Inputs	8 programmable, expandable with modules
Outputs	3 programmable, 24 V DC, short circuit-proof, expandable by modules
Sensor power supply	24 V DC / 0,75 A
Electric latch	6 ... 24 V DC / max. 24 W, max. 2 A
Interfaces	RS232, LIN Bus, CAN Bus
Approvals	CE incl. RoHS, TÜV, ETL
Standards	DIN 18650, EN 60335-1, EN 61000-6-2, EN 61000-6-3, UL 325
Durability	Class 3 to DIN 18650-1: 2005
Protective class (drive)	IP 67
Ambient temperature	-20 °C to +50 °C
Operating modes	Off, automatic 1, automatic 2, exit, open, manual operation
Operation	7 segment user interface, 3 position switch, key switch
Installation location	Invisible, installed in the floor
Double leaf doors	Master-Slave

Dimensions	450 × 293 × 127 mm
Tare weight	39 kg
Door sizes to DIN 1154 (Power-free closing function)	Up to 6
Inertia, door leaf	150 kg / m ²
Angle of opening	0 ... 100° infinitely variable
Opening speed	Can be set up to a max. of 45°/s
Closing speed	Can be set up to a max. of 45°/s
Hold open time	0 ... 60 s; permanently open

Maximum door leaf weights



Installation with stainless steel cover-plate



Installation with floor cover