

iMotion® 1401 Swing Door Drive



intelligent



modular



ecological



reliable

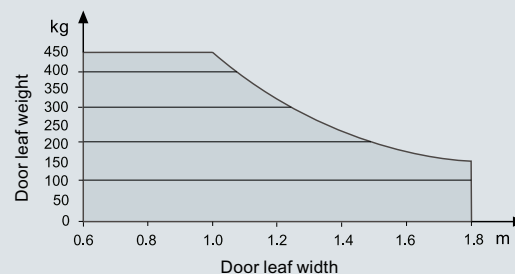


economical

Areas of application	– external and internal doors, 1- and 2-leaf – fire doors*
Variants	iMotion 1401.FIRE (fire protection)
Options	– air lock function – fire- and smoke doors – nurse-bed function – integration into building management systems – user interface, 3 resp. 6 operating modes – key switch
Drive type	– electromechanical – motor opening, spring closing – spring opening, motor closing
Motor	AC permanent magnet, synchronous motor
Control system	micro-processor (32 Bit/30 MHz)
Mains connection	1 × 230/1 × 115V AC, 50 ... 60Hz, 10A
Power consumption	4 ... 250 VA
Inputs	8 programmable inputs, of which 4 testable safety features, expandable by modules
Outputs	3 programmable, short circuit-proof, expandable by modules
Sensor power supply	24V DC/1,5A
Electric latch	6 ... 24V DC/max. 24W, max. 2A
Interfaces	RS232, LIN bus, CAN bus
Approvals	CE incl. RoHS, TÜV, ETL, DIBt
Standards	DIN 18650, EN 60335-1, EN 61000-6-2, EN 61000-6-3, UL 325, DIN 18263-4

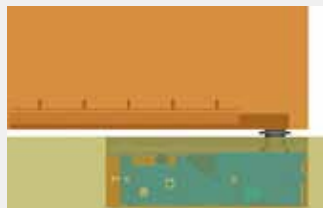
Durability	class 3 to DIN 18650-1: 2005
Protective class (drive)	IP 67
Ambient temperature	–20 °C to +50 °C
Installation location	invisible, installed in the floor
Double leaf doors	master-slave
Dimensions	450 × 293 × 127 mm
Tare weight	39 kg
Door sizes to DIN 1154	up to 6 / 4...6*
Inertia, door leaf	150 kgm ²
Angle of opening	0 ... 100° infinitely variable
Opening speed	up to max. of 45°/s
Closing speed	up to max. of 45°/s
Hold open time	0 ... 60s; permanently open

Maximum door leaf weights



*only iMotion 1401.FIRE

Floor covering mounting frame



with integrated door arm
(1401 only)



pulling linkage
(1401 + 1401.FIRE)

Stainless steel cover plate



with integrated door arm
(1401 only)



pulling linkage
(1401 + 1401.FIRE)