

iMotion® 1301 Swing Door Drive



intelligent



modular



ecological



reliable

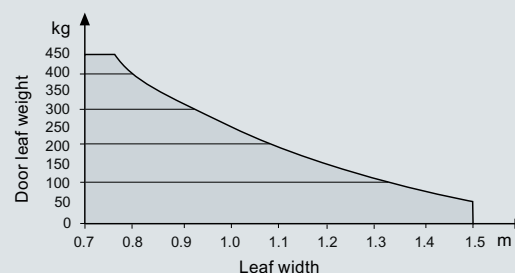


economical

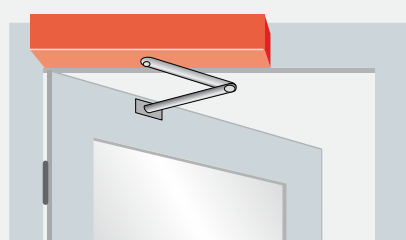
Areas of application	External and internal doors
Drive type	Motor opening, spring closing (motor-supported if required)
Motor	AC permanent magnet, synchronous motor
Control system	Micro-processor (MCU32)
Mains connection	1 × 230 V AC / 1 × 115 V AC, 50 ... 60 Hz, 10 A
Power consumption	5 ... 250 W
Inputs	8 programmable inputs, of which 4 testable safety features, expandable by 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 22 (installed in a dry location)
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	Lintel-mounted pull/push type, door leaf push on the same side as the hinge/on the opposite side to the hinge

Double-leaf doors	Master-Slave
Dimensions	100 × 135 × 640 mm
Tare weight	14.5 kg
Inertia, door leaf	80 kg/m ²
Angle of opening*	Standard linkage: max. 110° Sliding lever: max. 100°
Opening speed	Can be set up to a maximum of 45°/s
Closing speed	Can be set up to a maximum of 45°/s
Hold open time	0 ... 60 s; permanently open

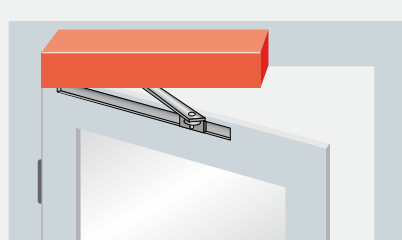
Maximum door leaf weights



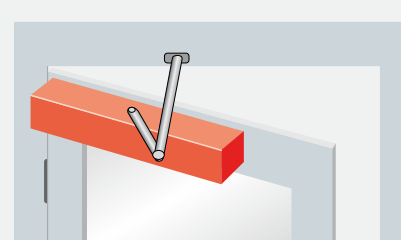
* larger angles of opening on request



Lintel-mounted with standard linkage



Lintel-mounted with sliding rail



Door leaf mounted with standard linkage