

## iMotion® 1401 Swing Door Drive



intelligent



modular



ecological



reliable

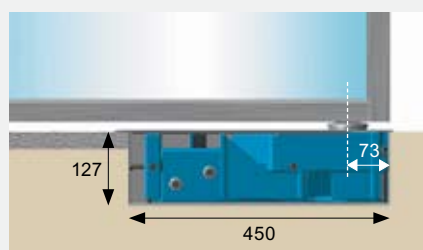
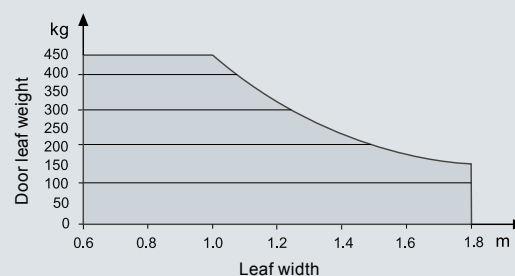


economical

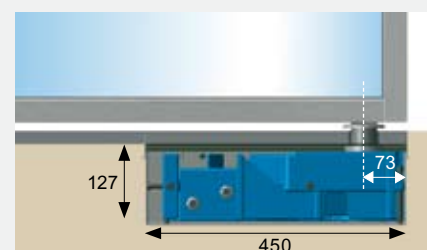
|                                 |   |
|---------------------------------|---|
| <b>Areas of application</b>     | External and internal doors   |
| <b>Drive type</b>               | Motor opening, spring closing;<br>spring opening, motor closing                         |
| <b>Motor</b>                    | AC permanent magnet, synchronous motor  |
| <b>Control system</b>           | Micro-processor (32 Bit/30 MHz)   |
| <b>Mains connection</b>         | 1 × 230 / 1 × 115 V AC,<br>50 ... 60 Hz, 10 A   |
| <b>Power consumption</b>        | 4 ... 250 W   |
| <b>Inputs</b>                   | 8 programmable inputs, of which<br>4 testable safety features, expandable<br>by modules |
| <b>Outputs</b>                  | 3 programmable, short circuit-proof,<br>expandable by modules                           |
| <b>Sensor power supply</b>      | 24 V DC / 36 W / 1.5 A  |
| <b>Electric latch</b>           | 6 ... 24 V DC / max. 24 W, max. 2 A   |
| <b>Interfaces</b>               | RS232, LIN Bus, CAN Bus   |
| <b>Approvals</b>                | CE incl. RoHS, TÜV, ETL   |
| <b>Standards</b>                | DIN 18650, EN 60335-1, EN 61000-6-2,<br>EN 61000-6-3, UL 325                            |
| <b>Durability</b>               | Class 3 to DIN 18650-1: 2005  |
| <b>Protective class (drive)</b> | IP 67   |
| <b>Ambient temperature</b>      | -20 °C to +50 °C  |
| <b>Operating modes</b>          | Off, automatic 1, automatic 2, exit, open,<br>manual operation                          |
| <b>Operation</b>                | 7 segment user interface, 3 position<br>switch, key switch                              |
| <b>Installation location</b>    | Invisible, installed in the floor   |
| <b>Double leaf doors</b>        | Master-Slave  |

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

### Maximum door leaf weights



Installation with stainless steel cover-plate



Installation with floor cover