

## iMotion® 1301 Swing Door Drive



intelligent



modular



ecological



reliable

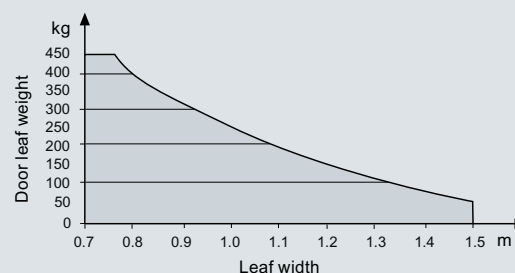


economical

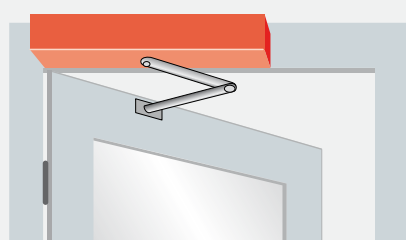
|                                 |   |
|---------------------------------|---|
| <b>Areas of application</b>     | External and internal doors   |
| <b>Drive type</b>               | Motor opening, spring closing (motor-supported if required)   |
| <b>Motor</b>                    | AC permanent magnet, synchronous motor  |
| <b>Control system</b>           | Micro-processor (MCU32)   |
| <b>Mains connection</b>         | 1 × 230 V AC / 1 × 115 V AC, 50 ... 60 Hz, 10 A   |
| <b>Power consumption</b>        | 5 ... 250 W   |
| <b>Inputs</b>                   | 8 programmable inputs, of which 4 testable safety features, expandable by modules                             |
| <b>Outputs</b>                  | 3 programmable, 24 V DC, short circuit-proof, expandable by modules   |
| <b>Sensor power supply</b>      | 24 V DC / 0.75 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, EN 61000-6-3, UL 325   |
| <b>Durability</b>               | Class 3 to DIN 18650-1: 2005  |
| <b>Protective class (drive)</b> | IP 22 (installed in a dry location)   |
| <b>Ambient temperature</b>      | -20 °C to +50 °C  |
| <b>Operating modes</b>          | Off, automatic 1, automatic 2, exit, open, manual operation   |
| <b>Operation</b>                | 7 segment user interface, 3 position switch, key switch   |
| <b>Installation location</b>    | Lintel-mounted pull/push type, door leaf push on the same side as the hinge/on the opposite side to the hinge |

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

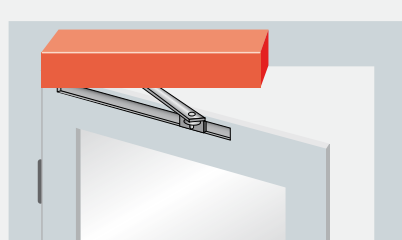
### Maximum door leaf weights



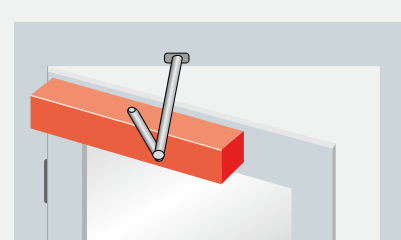
\* larger angles of opening on request



Lintel-mounted with standard linkage



Lintel-mounted with sliding rail



Door leaf mounted with standard linkage