Product data sheet

Slimdrive EMD

Electro-mechanical swing door drive with only 7 cm height for single leaf doors up to 180 kg
Product features

- Opening and closing speed can be individually adjusted
- Electrical latching action which accelerates the door shortly before the closed position
- Low-energy function opens and closes the door with reduced speed, fulfilling the highest safety requirements
- Vestibule function controls the opening and closing of two consecutive doors (interlocking door system)
- Obstacle detection detects obstacles through contact and stops the opening or closing process
- Automatic reversing detects an obstacle and returns to the opening position
- Push & Go function triggers the automatic drive components following light manual pressure on the door leaf
- Drive can be used with roller guide rail or link arm

Application Areas

- Right and left single leaf single-action doors
- Single-action doors up to 1400 mm leaf width and 180 kg weight
- Interior and exterior doors with high access frequency
- Door leaf installation and transom installation

Product Data Table

<table>
<thead>
<tr>
<th>Product features</th>
<th>Slimdrive EMD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leaf weight (max.)</td>
<td>180 kg</td>
</tr>
<tr>
<td>Leaf width (min.–max.)</td>
<td>750 mm – 1400 mm</td>
</tr>
<tr>
<td>Reveal depth (max.)*</td>
<td>400 mm</td>
</tr>
<tr>
<td>Door overlap (max.)*</td>
<td>50 mm</td>
</tr>
<tr>
<td>Drive type</td>
<td>Electromechanical</td>
</tr>
<tr>
<td>Door opening angle (max.)*</td>
<td>135 °</td>
</tr>
<tr>
<td>DIN left</td>
<td>Yes</td>
</tr>
<tr>
<td>DIN right</td>
<td>Yes</td>
</tr>
<tr>
<td>Transom installation opposite hinge side with link arm</td>
<td>Yes</td>
</tr>
<tr>
<td>Transom installation opposite hinge side with roller guide rail</td>
<td>Yes</td>
</tr>
<tr>
<td>Transom installation hinge side with roller guide rail</td>
<td>Yes</td>
</tr>
<tr>
<td>Door leaf installation hinge side with roller guide rail</td>
<td>Yes</td>
</tr>
<tr>
<td>Electrical latching action</td>
<td>Yes</td>
</tr>
<tr>
<td>Disconnection from mains</td>
<td>Cable plug connection</td>
</tr>
<tr>
<td>Activation delay (max.)</td>
<td>20 s</td>
</tr>
</tbody>
</table>
### Operating voltage
230 V

### Frequency of supply voltage
50 Hz

### Power rating
230 W

### Power supply for external consumers (24 V DC)
1000 mA

### Temperature range
-15 °C – 50 °C

### Air humidity non-condensing (max.)
95 %

### IP rating
IP20

### Modes of operation
Automatic, Permanently open, Night, Off, Shop closing

### Automatic function
Yes

### Low-energy function
Yes

### Obstacle detection
Yes

### Automatic reversing
Yes

### Push & Go
adjustable

### Operation
Programme switch integrated in the drive, Programme switch DPS, Programme switch MPS

### Parameter setting
ST 220 service terminal, Programme switch DPS, GEZEconnects (PC + Bluetooth)

### CAN interface
Optional

### Approvals
EN 16005, DIN 18650

## Accessory
### Product name
- Spindle extension Slimdrive EMD
- Slimdrive EMD Anbausatz
- Adaptor for sensor link arm
- GC 335
- GC 338
- GC 342
- GEZE elbow switch
- LS 990 elbow switch
- LED Sensortaster
- Integrated opening restrictor
- GC 304
- GC 306
<table>
<thead>
<tr>
<th>Part</th>
<th>Product name</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Link arms Slimdrive EMD</td>
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<tr>
<td></td>
<td>Mounting plate Slimdrive EMD, incl. accessories</td>
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<tr>
<td></td>
<td>Roller guide rail Slimdrive EMD / EMD-F / EMD Invers</td>
</tr>
<tr>
<td></td>
<td>Roller guide rail Slimdrive EMD / EMD-F / EMD Invers</td>
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<tr>
<td></td>
<td>Roller guide rail Slimdrive EMD / EMD-F</td>
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<td>Slimdrive EMD</td>
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<tr>
<td></td>
<td>Cover Slimdrive EMD</td>
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<tr>
<td></td>
<td>GC GR for GC 338 Slimdrive EMD / EMD-F / Invers</td>
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