Ditec DAS107PLUS
Automation for sliding doors, designed to make your life easier
Ditec DAS107PLUS is the new competitive solution incorporating Entrematic’s world renowned high quality and expertise. A new sliding door operator able to satisfy all requirements in standard commercial environments with frame weight up to 160 kg. Designed to be easy and fast to install, Ditec DAS107PLUS is the perfect choice for professionals in door automation who look for low inventory cost and ease of maintenance.

SMART DESIGN: slim and comfortable!

120 mm height is the right size to have a slim automation with a friendly installation and maintenance. With a neutral and pleasant aesthetic Ditec DAS107PLUS meets the requirements of modern buildings.
QUALITY & RELIABILITY

Ditec DAS107PLUS is the new sliding door operator focusing on the needs of our customers and featuring high quality components at the right value:
- Performing electromechanical operator for up to 160 kg door weight
- Tested up to 1 Million cycles
- Long-lasting automation with 24 V DC DUNKERMOTOREN™ with built-in Encoder
- Reinforced techno-polymer wheels in DUPONT™ Delrin®
- Fully certified and tested by TÜV SÜD

TIME SAVING INSTALLATION

Designed for a simple and efficient installation, few components to assemble and few steps to set-up. Ditec DAS107PLUS is the time saving solution for any need:
- Plug & Play connectors
- Automatic self-learning start-up mode, with auto detection of:
  - weight of wings
  - passage opening
  - presence of locking device and typology (fail safe, fail secure)
  - emergency and back-up batteries
- Easy and accurate CU setting with digital programming and just few key parameters
- Switching power supply covering a wide range of electric voltages (100 V-240 V; 50/60 Hz)
- Easy adjustment of trolleys and belt

EASY LOGISTICS

Ditec DAS107PLUS is the solution to optimize stock value and manage logistics:
- Easy to order: 1 kit, 1 beam and 1 cover and you’re ready to start with your operator
- The convenient kit item includes power supply, gear motor, control unit, trolleys, program selector and brackets
- Beam and cover available length: 4450 and 6650 mm
- Selected range of accessories to complete your installation
- One door holder for every application, designed in conjunction with Ditec glass profile wing, Ditec PAM and ALU profile series and any commercial frames

GLASS WING

AC1356  AC4255  AC4870  ACV

FRAMED WING

2995 for commercial frames

ALU48  PAM16 and PAM30

FULL COMPLIANCE WITH EU DIRECTIVES AND STANDARDS

- 2014/30/EU - EMCD - Electromagnetic Compatibility Directive
- 2006/42/EC - Machines Directive
### Technical data

<table>
<thead>
<tr>
<th>Description</th>
<th>automation for sliding doors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drive type</td>
<td>electromechanical unit</td>
</tr>
<tr>
<td>Gearmotor</td>
<td>24 V DC with encoder</td>
</tr>
<tr>
<td>Power supply</td>
<td>100 V ± 240 V 50/60 Hz</td>
</tr>
<tr>
<td>Max nominal power</td>
<td>75 W</td>
</tr>
<tr>
<td>Auxiliary power</td>
<td>0.64 A @ 24 V DC</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>-20°C / +50°C</td>
</tr>
<tr>
<td>Protection rating</td>
<td>IP20</td>
</tr>
<tr>
<td>Dimensions (H x D x L)</td>
<td>120x140xL mm</td>
</tr>
<tr>
<td>Max operator length</td>
<td>5600 mm</td>
</tr>
</tbody>
</table>

### Door performance

| Max door panel weight        | 120 kg (1 wing) / 160 kg (2 wings) |
| Opening and closing speed    | 1.0 m/s bi-part door (adjustable)  |
| Hold open time               | 0-60 s (adjustable)               |
| Max clear passage            | 2715 mm (1 wing)                  |
|                              | 1370 mm x 2 (2 wings)             |
| Endurance test               | 1 M cycles                       |

### Example of installation

![Example of installation](image)

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### Specific accessories

- **DAS801LOK**
  - secure lock with external handle release

- **DAS801LOKA**
  - safe lock

- **DAS107B44NP - DAS107B66NP**
  - casing L = 4450 / 6650 mm
  - ALU anodized EURAS C0

- **DAS107C44NP - DAS107C66NP**
  - cover L = 4450 / 6650 mm
  - mill finish

- **DAS901BAT1**
  - battery kit, 12 V power supply for emergency use only

- **DAS902BAT2**
  - battery kit, 24 V power supply for back-up use

- **DAS11M8**
  - fixing plates kit for AC1356, PAM16 and PAM30

- **DAS18M8**
  - fixing plates kit for AC4255 and AC4870

- **DAS40M8**
  - fixing plates kit for ALU48

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Ditec DAS107PLUS is available as an assembly kit, including all parts to set-up an operator, including door holder and fixing plates for commercial frame (2995). It comes in a compact package easy to stock and transport.

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**Cod. P220B - 01/2019**
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