Flipper

Irreversible electromechanical swing gate operator for large pillars
(max leaf length 2 m - max weight 200 kg)

• Adequate for installations where the max dimensions between pivot of the gate and fixation wall of the operator is smaller than 33 cm
• Max length of only 16 cm for installations in reduced spaces
• Mechanical limit switches, adjustable in opening and closing. On request electronic limit switch
• Low voltage power supply for higher safety and easy adjustment of speed and obstacle detection
• Battery back-up in case of power failure available
• External manual release with cable and security box, available on request
• Safety micro-switch to disconnect power supply when using manual release (optional)
• Built in User2 24V control panel with push button programming for easy use
### Flipper

#### TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Flipper 24V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power supply</td>
<td>230 Vac±5% 50/60 Hz</td>
</tr>
<tr>
<td>Motor power</td>
<td>145 W</td>
</tr>
<tr>
<td>Shaft Stroke</td>
<td>-</td>
</tr>
<tr>
<td>Cycles/hour</td>
<td>20</td>
</tr>
<tr>
<td>Oper. temperature</td>
<td>From -20 °C to +55 °C</td>
</tr>
<tr>
<td>Weight</td>
<td>9 Kg</td>
</tr>
<tr>
<td>Max leaf length</td>
<td>2 m</td>
</tr>
<tr>
<td>Opening degrees</td>
<td>110 °</td>
</tr>
<tr>
<td>Shaft speed</td>
<td>-</td>
</tr>
<tr>
<td>Angular speed</td>
<td>12°/s</td>
</tr>
<tr>
<td>Protection class</td>
<td>IP 44</td>
</tr>
<tr>
<td>Starting capacitor</td>
<td>-</td>
</tr>
<tr>
<td>Max thrust</td>
<td>180 daN</td>
</tr>
</tbody>
</table>

#### User 2 24 V
- Administration of 2 24V motors with or without limit switch
- Adjustable slow down in opening and closing
- Motor speed adjustment
- Pedestrian opening
- 24V warning lamp on board
- Electric lock administration
- Emergency battery administration and solar panel
- Working time self-learning
- Incorporated radio decoding compat. with radio transmitter SMART, HEAD, COCCINELLA series and SMART E-COPY (800 users) with optional radio frequency module (RF)
- Ammeter function to reveal obstacles
- Simplified programming with push buttons
- Leaf delay adjustment
- Functionning motors’ speed
- Bus accessories management (photocells and lamp)
- Limit switch management
- Self-diagnostic
- Additional adjustable with PALM USER device
- Administration pause
- Security edge management
- Leaf overlapping control

#### Standard installation

- Release system through aluminium lever and security lock
- Adjustable mechanical and electronic limit switches in opening and closing
- Dimensions between pivot of the gate and fixation wall
- Stroke D max D max recommended 290mm 155mm 95mm
- Dimensions (mm)
- Automated gates

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