**TWIN QUASAR-S**

Chain actuator with encoder - Force in push action 600 N - Maximum stroke 500 mm

- Stainless steel double link chains.
- The control electronic circuit synchronizes the speed of the motors through encoder.
- Anodized (silver) or painted (white or black) aluminium casing.
- The manual closing position regulation is not required: the stop in closing position is regulated by an electronic limit switch.
- Being provided with two chains, it is particularly suitable for very wide windows (minimum 1550 mm width). For a better aesthetic result, on request, it is possible to supply actuators with customized distance between the chain (minimum 700 mm) in order to install an actuator as long as the window.
- Supplied with 1.5 m cable and pivoting brackets.
- The installation without brackets is possible only if the height of the vent is at least 1500 mm.
- In case of vents with four-bar hinges, please contact our Technical Dpt. for choosing the suitable fixing bracket.
- If installed on PVC windows, the profile has to be reinforced.
- 24 Vdc version is suitable for installation on smoke and heat extraction systems in conformity to UNI EN 12101-2 Standard.

<table>
<thead>
<tr>
<th>VOLTAGE SUPPLY</th>
<th>TWIN QUASAR-S AC</th>
<th>TWIN QUASAR-S DC</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-240 Vca</td>
<td>3 wires + earth</td>
<td>24 Vcc ± 10%</td>
</tr>
<tr>
<td>500 mm</td>
<td>600 N</td>
<td>500 mm</td>
</tr>
<tr>
<td>- 15 mm/s</td>
<td>0.8 - 0.4 A</td>
<td>- 15 mm/s</td>
</tr>
<tr>
<td>YES</td>
<td>YES</td>
<td>1.8 A</td>
</tr>
<tr>
<td>Electronic</td>
<td>Electronic</td>
<td>YES</td>
</tr>
<tr>
<td>IP 30</td>
<td>IP 30</td>
<td></td>
</tr>
</tbody>
</table>

**PART No.**

- **SILVER ANODIZED**: 40999D
- **DARK BRONZE ANODIZED**: 40990E
- **WHITE PAINTED RAL 9010**: 40991F
- **STAINLESS STEEL**: 40992G
- **BLACK**: 40993H
- **WHITE**: 40994I
Installation examples

Top hinged window

On windowsill without brackets

On windowsill with pivoting brackets included

On the frame with pivoting brackets included

Bottom hinged window

On the vent with pivoting brackets included

SPECIFICATION PROSPECTS

Electric chain actuator Ultraflex Control System named Twin Quasar-S with two stainless steel double link chains and electronic circuit for the two internal motors control. Force 600 N. Stroke 500 mm. Voltage supply 100-240 vac or 24 Vdc. Electronic limit stop and electronic stop in the intermediate positions in case of overload. Pivoting brackets included. Parallel connection. Aluminium casing anodized or painted. Conform to 2006/95/CE and 89/336/CEE directives (the 24 Vdc version is conform to 89/336/CEE direction).

Actuator dimensions

Accessories

Pivoting brackets kit (2 pcs included)

⚠️ The instructions for a safe installation are included in the section “SECURITY WARNINGS”