**TWIN QUASAR and TWIN VEGA**

Chain actuator with encoder

Twin Quasar: Force 600 N - Maximum stroke 500 mm

Twin Vega: Force 600 N - Maximum stroke 300 mm

- Chains in double stainless steel links.
- 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, both TWIN QUASAR and TWIN VEGA are particularly suitable for very wide windows.
- For a better aesthetic result, on request, it is possible to supply actuators with customized distance between the chains (minimum 720 mm for TWIN QUASAR and 480 mm for TWIN VEGA) in order to get same width of the window.
- Supplied with 3 m cable and pivoting brackets.
- The installation without brackets is possible only if the height of the vent is at least 1500 mm for TWIN QUASAR and 900 mm for TWIN VEGA.
- **TWIN QUASAR DC F-SIGNAL** and **TWIN VEGA DC F-SIGNAL** are special versions with opening and closing feedback signal (free potential, maintained contact), activated by the current limit.
- In case of Building Management System avoid repetitive commands in the same direction. For further information contact our Tech. Dept.
- In case of vents with four-bar hinges, please contact our Technical Dpt.
- If installed on PVC windows, the profile has to be reinforced.
- For a higher resistance against atmospheric agents, it is available on request the Twin Quasar DC version with protection class **IP42**.
- Available the version Quasar BMSline with programmable features (stroke, speed, force, ...) and different scenarios selectable with a connection to a computer and dedicated software. See BMSline section.
<table>
<thead>
<tr>
<th>Feature</th>
<th>Twin Quasar AC</th>
<th>Twin Quasar DC</th>
<th>Twin Quasar DC F-Signal</th>
<th>Twin Vega DC</th>
<th>Twin Vega DC F-Signal</th>
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<tbody>
<tr>
<td>Voltage Supply</td>
<td>100 Vac - 240 Vac</td>
<td>24 Vdc ±10%</td>
<td>24 Vdc ±10%</td>
<td>24 Vdc ±10%</td>
<td>24 Vdc ±10%</td>
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<tr>
<td>Electric Connection</td>
<td>3 wires + earth</td>
<td>2 wires</td>
<td>2+3 wires</td>
<td>2+3 wires</td>
<td>2+3 wires</td>
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<tr>
<td>Operation</td>
<td>500 mm</td>
<td>500 mm</td>
<td>500 mm</td>
<td>600 mm</td>
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<tr>
<td>Stroke</td>
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<tr>
<td>Speed</td>
<td>0.9 A - 0.4 A</td>
<td>1.8 A</td>
<td>1.8 A</td>
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<tr>
<td>Current Absorption</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
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<tr>
<td>PARALLEL CONNECTION</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
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<tr>
<td>Limit Stop</td>
<td>Electronic</td>
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<tr>
<td>Safety Stop</td>
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<td>Electronic</td>
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<tr>
<td>Feedback Signal</td>
<td>Open/close</td>
<td>Open/close</td>
<td>Open/close</td>
<td>Open/close</td>
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</tr>
<tr>
<td>Protection Class</td>
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<td>IP 40</td>
<td>IP 40</td>
<td>IP 40</td>
<td>IP 30</td>
</tr>
</tbody>
</table>

**Part No.**
- **Silver Anodized:**
  - 40998D
  - 40990E
  - 40991F
- **Black RAL 9005:**
  - 40992G
  - 40993H
  - 40994I
- **White RAL 9010:**
  - 41310C
  - 41311D
  - 41312E
  - 41245P
  - 41246Q
  - 41313F
  - 41314G
  - 41315H
TWIN QUASAR AND TWIN VEGA

Twin Quasar dimensions

Twin Vega dimensions

Accessories

Brackets kit for bottom hinged windows:
GREY anodized aluminium part No 41101H
BLACK painted RAL 9005 part No 41102I
WHITE painted RAL 9010 part No 41103J

Pivoting brackets kit (2 pcs included)
The instructions for a safe installation are included in the section “SECURITY WARNINGS”

SPECIFICATION PROSPECT
