### 2.0 Specifications and technical information (Tab. 1-2)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal voltage</td>
<td>24Vac/dc</td>
</tr>
<tr>
<td>Nominal torque</td>
<td>43 - 29 Nm</td>
</tr>
<tr>
<td>IP protection</td>
<td>IP67</td>
</tr>
<tr>
<td>Enclosure material</td>
<td>yellow</td>
</tr>
<tr>
<td>Class</td>
<td>I</td>
</tr>
<tr>
<td>Duty rating (L Version)</td>
<td>75%</td>
</tr>
<tr>
<td>Duty rating (H Version)</td>
<td>50%</td>
</tr>
<tr>
<td>Maximum temperature</td>
<td>85 °C</td>
</tr>
<tr>
<td>Absorbed power (H Version)</td>
<td>2.5 W</td>
</tr>
<tr>
<td>Battery operation</td>
<td>Enabled after a delay of about 1 sec, instantaneous only if the emergency operation is consistent with the operation in progress</td>
</tr>
<tr>
<td>Manual override (H Version)</td>
<td>0.9 Nm</td>
</tr>
<tr>
<td>Time-out operation</td>
<td>100 – 240 sec</td>
</tr>
<tr>
<td>Torque limiter intervention</td>
<td>2.5 Nm</td>
</tr>
<tr>
<td>Power supply shut-off in rotation</td>
<td>0.6 Nm</td>
</tr>
<tr>
<td>Terminology</td>
<td>NEMA 4X</td>
</tr>
</tbody>
</table>

### 3.0 Wiring diagrams

#### 3.1 Wiring diagram (Fig. 1)

- The wiring diagram, which should be followed for proper wiring of the actuators, is shown in Paragraph 10.0 and it can be found also on the label inside the lower enclosure.
- The recommended terminal blocks are shown in Fig. 3 (12Vac/dc) and in Fig. 4 (100-240Vac).
- The contact values provided do not include the power supply.
- The terminal blocks are removable to simplify the installation procedure.
- The electrical connection is made by means of wire terminals and nuts included in the kit.
- The terminal block "F" in the 100-240Vac is shown in Fig. 3, 12Vac/dc and 24Vac/dc.
- The terminals must be used in accordance with the local electrical regulations.
- The terminal block "F" is composed by two parts, one of which removable. To simplify the installation procedure, the terminal block "F" can be disassembled into two parts, one of which removable.
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