Technical data on the product can differ in other documents. For UL-certified products, keep in mind the different specifications indicated in this document.

For an overview of the UL certification, see the instructions on the reverse side of this document.

The UL-certification usually refers to the product as a component and not to its installation or the use of the product in a machine/system. When installing and operating this product, always take into account all applicable safety requirements, legislation, regulations, and standards, e.g. National Electrical Code (USA), Canadian Electrical Code (Canada), and the regulations of the US American Federal Authority OSHA.

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This product is recognized by UL. Representative samples of this component have been evaluated by UL and meet applicable UL requirements.

### UL approval information

<table>
<thead>
<tr>
<th>Product category code</th>
<th>QUYX2 (USA), QUYX8 (Canada)</th>
</tr>
</thead>
<tbody>
<tr>
<td>File number</td>
<td>E322346 and MH19482</td>
</tr>
<tr>
<td>Considered standards</td>
<td>UL61010-1, CAN/CSA C22.2 No. 61010-1</td>
</tr>
<tr>
<td>Environment</td>
<td>Air or inert gas</td>
</tr>
<tr>
<td>Maximum body pressure</td>
<td>10 bar (1.0 MPa, 145 psi)</td>
</tr>
</tbody>
</table>

#### Note

Fitting and commissioning is to be carried out by qualified personnel only in accordance with the operating instructions. Such qualified personnel must have several years of training and experience in installing and commissioning electrical and pneumatic industrial control systems.

Please observe the applicable safety requirements and standards.

### Technical data

<table>
<thead>
<tr>
<th>Power</th>
<th>max. 24 V DC ±10 %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fluids</td>
<td>Air or inert gas</td>
</tr>
<tr>
<td>Maximum body pressure</td>
<td>10 bar (1.0 MPa, 145 psi)</td>
</tr>
</tbody>
</table>

### Extracts from the UL report:

**Only for connection to a NEC Class 2 supply**

This device is intended to be used with a Class 2 power source or Class 2 transformer in accordance with UL1310 or UL1585. As an alternative a LV/C (Limited Voltage/Current) power source with one of the following properties can be used:

- This device shall be used with a suitable isolating source such that the maximum open circuit voltage potential available to the product is not more than 24 V DC and the current is limited to a value not exceeding 8 A measured after 1 minute of operation.
- This device shall be used with a suitable isolating source in conjunction with a fuse in accordance with UL248. The fuse shall be rated max. 4 A and be installed in the 24 V DC power supply to the device in order to limit the available current.

Note that, when more than one power supply or isolating device is used, connection in parallel is not permitted.

### Conditions of acceptability:

For use only in or with complete equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc. When installed in an end-product, consideration must be given to the following:

- This component has been judged on the basis of the creepage and clearances required in the indicated standards, which would cover the component itself if submitted for listing: UL 61010-1, CAN/CSA 22.2 No. 61010-1.
- The end-product shall consider that the devices were investigated as regulating controls without any calibration tests.
- The unit is considered acceptable for use in a max. ambient of 60 °C/140 °F.

*) taken over essentially without important changes