## Characteristics

### Main

- **Range of product**: Modicon TSX Micro automation platform
- **Product or component type**: Discrete relay I/O base
- **Discrete input number**: 16 screw terminal block
- **Discrete input voltage**: 100…120 V AC
- **Discrete input frequency**: 47…63 Hz
- **Discrete input current**: 11 mA
  - 13 mA

### Complementary

- **Input voltage limits**: 
  - >= 74 V at state 1
  - < 20 V at state 0
- **Current state 0 guaranteed**: <= 4 mA
- **Current state 1 guaranteed**: >= 6 mA
- **Response time**: 11…18 ms input at state 0 to state 1
  - 9…16 ms input at state 0 to state 1
  - 11…24 ms input at state 1 to state 0
  - 10…22 ms input at state 1 to state 0
  - < 10 ms output
- **Input compatibility**: 2-wire proximity sensor
- **Load type**: Capacitive
- **Current consumption**: 125 mA
- **Power dissipation in W**: 5.6 W
- **Output voltage limits**: 10…34 V DC
  - 19…264 V AC
- **Contacts type and composition**: NO
- **Power consumption in VA**: 50 VA 24 V AC-12 resistive
  - 110 VA 48 V AC-12 resistive
  - 220 VA 110 V AC-12 resistive
  - 220 VA 220 V AC-12 resistive
  - 24 VA 24 V AC-15 inductive
  - 24 VA 48 V AC-15 inductive
  - 220 VA 220 V AC-15 inductive
  - 110 VA 110 V AC-15 inductive
- **Power consumption in W**: 40 W 24 V DC-12 resistive
  - 24 W 24 V DC-13 inductive
- **Isolation voltage**: 1500 V 1 s

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Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
<table>
<thead>
<tr>
<th>Insulation resistance</th>
<th>&gt;= 10 mOhm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product weight</td>
<td>0.5 kg</td>
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</table>

**Environment**

<table>
<thead>
<tr>
<th>Standards</th>
<th>IEC 1131-2 Type 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Ith] conventional free air thermal current</td>
<td>3 A</td>
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</table>

**Offer Sustainability**

<table>
<thead>
<tr>
<th>RoHS (date code: YYWW)</th>
<th>Will not be compliant</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Will not be compliant</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Product environmental profile</th>
<th>Available</th>
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</table>

**Contractual warranty**

<table>
<thead>
<tr>
<th>Warranty period</th>
<th>18 months</th>
</tr>
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</table>