**DEGREE OF PROTECTION ACC. TO IEC529 : DIN 40 050 Teil 9**

<table>
<thead>
<tr>
<th>TERMINALS</th>
<th>1P 20</th>
</tr>
</thead>
<tbody>
<tr>
<td>HOUSING</td>
<td>1P 54</td>
</tr>
</tbody>
</table>

**IN CONNECTION WITH A CONNECTOR HOUSING**

**MOUNTING POSITION: TERMINALS SHALL POINT DOWNWARDS**

**FOR ALL OTHER POSITIONS PROTECTION GROUP 1P 20 IS VALID**

<table>
<thead>
<tr>
<th>PART</th>
<th>MATERIAL</th>
<th>COLOUR</th>
</tr>
</thead>
<tbody>
<tr>
<td>HOUSING</td>
<td>PA 66 GF</td>
<td>30±10 [1 %]</td>
</tr>
<tr>
<td>BASE PLATE</td>
<td>PA 66 GF</td>
<td>30±10 [1 %]</td>
</tr>
</tbody>
</table>

**PREFERRED DIMENSIONS**

<table>
<thead>
<tr>
<th>NOM. VOLTAGE / LOADING</th>
<th>0</th>
<th>10</th>
<th>20</th>
<th>30</th>
<th>40</th>
<th>50</th>
<th>60</th>
<th>70</th>
<th>80</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 302 209 211</td>
<td>V23234-A0004-X055</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TE LOGO**

**WIRING DIAGRAM**

**TE PART NUMBER**

**DATA OF MANUFACTURE**

**LAND OF ORIGIN**

**TERMINAL CONFIGURATION**

**WIRING DIAGRAM**

**APPLICATION SPEC.**

**CHANGES TO THIS DRAWING MUST BE DONE ONLY IN CAD**

**MINI RELAY B**

**CHANGEOVER / 24V**

**SUPPLEMENT TO**

**PART NO.**

**DATE**

**NAME**

**PART NAME**

**MANUFACTURER**

**PRELIMINARY**

**INITIAL VERSION**

**LOCATION OF PRINT**

**CUT EDGES WITHOUT TIN PLATING ALLOWED**

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**APPLICABLE SPEC.**

**DIMENSIONS APPLY**

**PLATING**

**SCALE**

**WEIGHT** Ca. 34g
Nominal voltage (load and excitation circuit) 24 V
Permissible operating voltage 16...32 V
Permissible ambient temperature -40...85 'C
Response voltage (at 20 'C) ≤ 16 V
Release voltage (at 20 'C) 3.0...10.5 V
Response time ≤ 15 ms
Release time ≤ 15 ms
Contact material Silver based
Equivalent coil resistance at terminal 05-06 255± 15Ω

Changeover contact:
Voltage drop at blade terminals at a measuring current of 10± 0.5A
Normally Open Contact, Terminal 30-87 in new condition Typically ≤50mV, Max. 300mV
After life test Typically ≤100mV, Max. 300mV
Normally Closed Contact, Terminal 30-87a in new condition Typically ≤50mV, Max. 300mV
After life test Typically ≤150mV, Max. 300mV

ELECTRICAL ENDURANCE
Resistive Load 20A on NO 250,000 cycles
Resistive Load 10A on NC 250,000 cycles
Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TE Connectivity:
0 332 209 211