ISO MICRO RELAYS SERIES
16 V and 30 V Max Form A and Form C ISO Micro Relays

Description
The ISO Micro Relays Series includes a range of general-purpose automotive plug-in relays for controlling lamps, horns, power windows, fuel pumps, lift gates, and more. These ISO Micro relays are smaller than standard-size Mini plug-in relays for space savings in hard-wired boxes. This series offers a variety of models, including a 16 V Max SPST 4-pin Mini-Micro relay, a 16 V Max SPDT 5-pin Micro relay, and several 30 V Max Form A and Form C Micro relays. Some models feature resistor suppression, while others have no suppression.

Applications
• Lamp Control
• Horns
• Power Windows
• Fuel Pumps
• Fans

Features and Benefits
• Form A single-pole, single-throw (SPST) and Form C single-pole, double-throw (SPDT) relays
• 14 V and 15.6 V coil versions are available
• All models feature an isolated coil
• Dielectric strength of 500 V

Specifications
- Max Voltage Rating: 16 VDC, 30 VDC
- Ingress Protection: IP 5X
- Coil Voltage: 14 VDC, 15.6 VDC
- Coil Type: Isolated
- Coil Protection: Resistor
- Temperature: -40°C to 85°C, -40°C to 125°C
- Circuitry: SPST, SPDT

Web Resources
Download 2D print, installation guide and technical resources at: littelfuse.com/ISO-MICRO

Ordering Information

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>CURRENT RATING CONTINUOUS</th>
<th>COIL IMPEDANCE</th>
<th>COIL PROTECTION</th>
<th>AGENCY APPROVAL - VIBRATION</th>
<th>INPUT TERMINALS</th>
<th>OUTPUT TERMINALS</th>
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<tbody>
<tr>
<td>02040080Z</td>
<td>16 V Max 20 A SPST ISO 280 Mini-Micro 4-Pin Relay with Resistor</td>
<td>20 Amps</td>
<td>132 Ω</td>
<td>Resistor</td>
<td>10-500Hz, 5.0G</td>
<td>2.8mm Blade Terminals</td>
<td>2.8mm Blade Terminals</td>
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<tr>
<td>02040090Z</td>
<td>16 V Max 35 A SPDT ISO 280 Micro 5-Pin Relay with Resistor</td>
<td>N.O.: 35 Amps</td>
<td>104 Ω</td>
<td>Resistor</td>
<td>10-500Hz, 5.0G</td>
<td>2.8mm Blade Terminals</td>
<td>2.8mm Blade Terminals</td>
</tr>
<tr>
<td>MA-250012-NN</td>
<td>30 V Max 25 A Form A SPST ISO Micro Relay</td>
<td>N.O.: 25 Amps</td>
<td>120 Ω</td>
<td>N/A</td>
<td>10-40 Hz, Double amplitude 1.27 mm</td>
<td>6.3mm Blade Terminals</td>
<td>6.3mm Blade Terminals</td>
</tr>
<tr>
<td>MA-250012-RS</td>
<td>30 V Max 25 A Sealed Form A SPST ISO Micro Relay with Resistor</td>
<td>N.O.: 25 Amps</td>
<td>120 Ω</td>
<td>Resistor</td>
<td>10-40 Hz, Double amplitude 1.27 mm</td>
<td>6.3mm Blade Terminals</td>
<td>6.3mm Blade Terminals</td>
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<tr>
<td>MC-250012-NN</td>
<td>30 V Max 25 A Form C SPDT ISO Micro Relay</td>
<td>N.O.: 25 Amps</td>
<td>96 Ω</td>
<td>N/A</td>
<td>10-40 Hz, Double amplitude 1.27 mm</td>
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<td>6.3mm Blade Terminals</td>
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<tr>
<td>MC-250012-RN</td>
<td>30 V Max 25 A Form C SPDT ISO Micro Relay</td>
<td>N.O.: 25 Amps</td>
<td>96 Ω</td>
<td>Resistor</td>
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