SIRIUS 3RQ2 coupling relays

The universal coupling relay in an industrial enclosure

When controllers with their standard inputs and outputs reach their limits, then powerful coupling relays are required. With the SIRIUS 3RQ2 coupling relays, we offer you universally applicable devices. They are available as variants with one to three changeover contacts, feature a wide-range supply voltage of 24 to 240 V AC/DC, as well as many international standards and certifications. SIRIUS 3RQ2 is the ideal partner for SIMATIC S7 controllers and SIRIUS contactors.

The SIRIUS 3RQ2 coupling relays replace the 3R518 model series. With their new, high-quality industrial enclosure in a modern titanium gray, they also visually fit in with the SIRIUS relay family. You benefit from a user-friendly connection system with removable terminals – with the same high level of functionality.

**Typical applications:**
- Galvanic isolation
- Signal amplification and voltage conversion (e.g. from 24 V DC to 230 V AC)
- Overvoltage and EMC protection of controllers
- Suitable for controller I/O when using the hard gold-plated contact variant

siemens.com/relays
SIRIUS 3RQ2 – Your advantages at a glance

**Easy to handle:**
- Permanent wiring due to removable terminals in screw-type or spring-type connection system (push-in)
- Replacement of individual terminals minimizes wiring effort
- Labeled terminal covers permit simple assignment during wiring
- Large terminal cross section of up to 4.0 mm²
- Easy access to service and support thanks to data matrix code

**Universal use:**
- Variants with one to three changeover contacts and wide-range supply voltage (24 to 240 V AC/DC) reduce the number of different device versions and facilitate standardization
- International standards and certifications such as CE, UL/CSA, EAC, with confirmations for railway operation
- Variants with hard gold-plated contacts for switching currents in the lower mA range

Switch over to the new SIRIUS 3RQ2 coupling relays.

<table>
<thead>
<tr>
<th>Rated control supply voltage $U_s$, 50/60 Hz</th>
<th>Contact type</th>
<th>Article No.</th>
<th>Replaces previous order numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>24 … 240 V AC/DC</td>
<td>1 CO</td>
<td>3RQ2000-AW00</td>
<td>3R1800-AQ00 3R1800-AQ01</td>
</tr>
<tr>
<td></td>
<td>2 CO</td>
<td>3RQ2000-BW00</td>
<td>3R1800-BW00 3R1800-BW01</td>
</tr>
<tr>
<td></td>
<td>3 CO</td>
<td>3RQ2000-CW00</td>
<td>3R1800-CW00 3R1800-CW01</td>
</tr>
<tr>
<td></td>
<td>3 CO</td>
<td>3RQ2000-CW01</td>
<td>3R1800-CW01 3R1800-CW02</td>
</tr>
</tbody>
</table>

Screw-type terminals
Spring-type terminals (push-in)

Are you still using SIRIUS 3RS18? Then switch over now. Thanks to the same terminal assignment and reduced variance, this is very easy. Another highlight: With SIRIUS 3RQ2, you cover all the voltages you need – with a single device.

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