



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 3RS18 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



SIRIUS 3RQ2 – Your advantages at a glance



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



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



Switch over to the new SIRIUS 3RQ2 coupling relays.

Rated control supply voltage U_s , 50/60 Hz	Contact type	Article No.	Replaces previous order numbers
24 ... 240 V AC/DC	1 CO	3RQ2000-□AW00	3RS1800-□AQ00 3RS1800-□AP00
	2 CO	3RQ2000-□BW00	3RS1800-□BW00 3RS1800-□BQ00 3RS1800-□BP00
	3 CO	3RQ2000-□CW00	3RS1800-□HW00 3RS1800-□HQ00 3RS1800-□HP00
	3 CO hard gold-plated	3RQ2000-□CW01	3RS1800-□HW01 3RS1800-□HQ01 3RS1800-□HP01

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.

Siemens Industry, Inc.
100 Technology Drive
Alpharetta, GA 30005

1-800-365-8766
info.us@siemens.com

Subject to change without prior notice.

Order No.: CPFL-3RQ2-0818

All rights reserved

Printed in the USA

©2018 Siemens Industry, Inc.

The technical data presented in this document is based on an actual case or on as-designed parameters, and therefore should not be relied upon for any specific application and does not constitute a performance guarantee for any projects. Actual results are dependent on variable conditions. Accordingly, Siemens does not make representations, warranties, or assurances as to the accuracy, currency or completeness of the content contained herein. If requested, we will provide specific technical data or specifications with respect to any customer's particular applications. Our company is constantly involved in engineering and development. For that reason, we reserve the right to modify, at any time, the technology and product specifications contained herein.