



SIRIUS MODULAR SYSTEM – BENEFIT FROM SEVERAL INNOVATIONS

PRODUCT MIGRATION GUIDE

The Siemens SIRIUS modular system was further developed in sizes S00, S0, S2 and S3 to ensure that customers are optimally equipped with SIRIUS in relation to Industry 4.0. For greater product advantages, switch to the new generation now.

See the new products here 



SIRIUS modular system - the perfect combination

Everything you need for switching, protecting, starting and monitoring motors up to 250kW/400V - sizes S00 up to size S3 (up to 55 kW) further developed to optimally meet new market requirements. This new design incorporates greater flexibility and combination possibilities with simple wiring saving money, time and space. The SIRIUS modular system meets all relevant worldwide standards and approvals, making it compatible across all markets and for use within a variety of environments and conditions (e.g. safety, railway and ship building).

Features of the SIRIUS modular system - new generation	Benefits	Features of the SIRIUS modular system - new generation
Complete range of control panel products (for switching, protecting, starting and monitoring) with uniform accessories	<ul style="list-style-type: none"> • Suitable for all applications • All parts fit together easily • Numerous combination possibilities • More functionality/higher power ratings with same dimensions 	<ul style="list-style-type: none"> • No current monitoring relay available • Power range was smaller regarding each size
Compact in size	<ul style="list-style-type: none"> • Cabinet with high packing density possible • Space-saving advantages • Market-wide highest performance regarding dimensions of products 	<ul style="list-style-type: none"> • Same dimensions, but with less functionalities/smaller power ranges
Spring-type terminals (S00 and S0 main and control circuit up to 18.5 kW/400V, from S2 in the control circuit)	<ul style="list-style-type: none"> • Time-saving mounting (up to 33%) • Maintenance-free + vibration-proof • Maximum contact reliability in harsh environments • Spring-type connection for the same price available 	<ul style="list-style-type: none"> • Spring-type connection only at higher price available • No spring-type connection available in sizes S6 to S12
Snap-on function modules	<ul style="list-style-type: none"> • Easiest, fastest, failure-free assembly of direct-on-line starters, reversing and star/wye-delta starters 	<ul style="list-style-type: none"> • Not available
IE3/IE4 readiness	<ul style="list-style-type: none"> • Ready for the new IE3/IE4 motor generation 	<ul style="list-style-type: none"> • Not applicable with the new IE3/4 motor generation
Flexible infeed system 3RV29 for easy assembly of all S00/S0 feeders in spring-type and screw-type connection	<ul style="list-style-type: none"> • Efficient and flexible power distribution • Substantial time-savings • High vibration resistance 	<ul style="list-style-type: none"> • Not available
Current monitoring relay can directly be integrated onto the feeder (S00, S0 and S2)	<ul style="list-style-type: none"> • Application monitoring • More operational reliability 	<ul style="list-style-type: none"> • Not available
Communication	<ul style="list-style-type: none"> • Snap-on communication modules for fast and failure-free assembly 	<ul style="list-style-type: none"> • No communication capabilities

FAQ's

Here's what to consider when migrating to the new SIRIUS modular system



Q Can I replace parts on a like for like basis?

A Sometimes a 1:1 conversion is easily possible. For a stand-alone installation, a 3R.1 contactor/motor starter protector can almost always be used to replace a 3R.2 contactor/ motor starter protector. When devices are combined, the user must remember that the new generation and the predecessor types cannot be combined and the entire combination must therefore be replaced. [Click here](#) →

Q Will I really get any benefit from converting to the upgraded product?

A Yes, the Innovations range offers you more functionality in an identically sized product.

Q How can I be sure that you offer me what I need for my application?

A The SIRIUS modular system offers a comprehensive range of control panel products and due to the modular system. Countless combinations are possible, meaning every possible application is covered..

Q When building control panels time pressure is growing all the time and cost-efficiency is becoming more and more important. How will your products make my life easier?

A With SIRIUS you will save time when wiring, especially if you use pre-wired and tested SIRIUS load feeders. The whole range fits together simply, so you will never have problems combining different products. Feeder assemblies that consistently use spring-loaded connections (S00, S0) can be plugged in without the use of tools. High technical quality, easy wiring and being prepared for future standard requirements (IE3/4) all help you to be cost-efficient right from the beginning.

Q Why do you put so much focus on your product design?

A In industry, machine design is growing in importance and can differentiate your product from competitors. Control cabinets are no different. The SIRIUS modular system lets you build cabinets with best-in-class appearance and space saving.

Q What else marks Siemens out from your competitors as a supplier of low voltage control products?

A Siemens not only offers all the high-quality products you'll need for your control panel, we also offer all the technical assistance you may need, from expert knowhow regarding European directives and international standards, to the tools and data you need for efficient Design.

ATTENTION: When moving over to the new range, there are some critical things you will need to be aware of:



A 1:1 conversion is not always possible. Please check the technical specifications or use the RS migration guide to make your choice. →

SIRIUS products of the new generation cannot be combined with predecessor types.

Should you need help, please contact RS components.

SIRIUS – Compact Assembly - [CLICK HERE](#) →

Like for Like Product Migration Guide - [CLICK HERE](#) →

See the full range of SIRIUS from RS - [CLICK HERE](#) →

Visit DesignSpark for more help migrating - [CLICK HERE](#) →

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