

The background image features a Siemens SIRIUS ACT PLC rack with various modules, including a red emergency stop button, a green indicator light, and a blue indicator light. A yellow ribbon cable is connected to the PLC. In the foreground, there are several push buttons and indicator lights in various colors (green, red, blue). The background also shows a computer screen displaying a Siemens TIA Portal software interface with a project tree and a ladder logic diagram. The Siemens logo and tagline 'Ingenuity for life' are in the top right corner.

SIEMENS

Ingenuity for life

SIRIUS ACT with PROFINET

Maximum flexibility with a host of communication solutions

Communication is one of the strong points of SIRIUS ACT: Besides the standard wiring, you can also connect the push buttons and signaling devices directly to the controller in the field or cabinet via PROFINET, AS-Interface and IO-Link. In this way, you can reduce wiring time and effort, minimize error sources and have more flexibility when you need to make modifications.

Engineering in the Totally Integrated Automation Portal (TIA Portal) provides additional diagnostics and parameterization options. SIRIUS ACT push buttons and indicator lights – convincing in design, performance, ruggedness and handling. Enabling you to get things going.

Top performance thanks to strong communication

SIRIUS ACT with PROFINET connects push buttons and signaling devices directly with the controller and HMI devices via PROFINET – including safety functions, with engineering and commissioning being simplified no end by the TIA Portal. Additional benefits include uniform data management, shorter downtimes thanks to faster fault diagnostics and option handling, which can be used to flexibly design plants and systems and even modify them during operation.

Detailed installation information available at:

[siemens.com/sirius-act-profinet-manual](https://www.siemens.com/sirius-act-profinet-manual)

The quick and easy route to peak performance

- Efficient PLC integration
- Reduced wiring outlay – fewer sources of error during installation and commissioning
- Quick installation with flat ribbon cable without special tools
- High degree of flexibility
 - Additional 4 digital inputs, 1 digital output (DI, DQ) and 1 analog input (AI)
 - Modular and plug-in design of all components
- Optionally with Safety Integrated – making it possible to integrate safety technology; e.g. emergency stop with safety-related Interface Module via PROFIsafe communication
- No addressing of individual push buttons and command points required – only one IP address for up to 21 devices
- Easy replacement of memory modules without programming knowledge

[siemens.com/sirius-act](https://www.siemens.com/sirius-act)

SIRIUS ACT with PROFINET at a glance

Product	Version	Article number	
Push buttons and signaling devices	Multiple versions available	3SU10□□-□□□□□-□□□□	
PROFINET Interface Modules 	Standard IM, 24 V DC, 1–20 TMs connectable	Screw terminals 3SU1400–1LK10–1AA1 Spring-type terminals 3SU1400–1LK10–3AA1	
	Fail-safe IM F, 24 V DC, 1–20 TMs connectable	Screw terminals 3SU1400–1LL10–1BA1 Spring-type terminals 3SU1400–1LL10–3BA1	
	PROFINET terminal modules 	“Commands” TM with 2 spring contacts	3SU1400–1MA10–1BA1
		“Commands and LED” TM with 2 spring contacts and integrated LED	Red LED
Yellow LED			3SU1401–1MC30–1CA1
Green LED			3SU1401–1MC40–1CA1
Blue LED			3SU1401–1MC50–1CA1
White LED			3SU1401–1MC60–1CA1
“LED” TM with integrated LED		Amber LED	3SU1401–1MC00–1CA1
		Red LED	3SU1401–1ME20–1DA1
		Yellow LED	3SU1401–1ME30–1DA1
		Green LED	3SU1401–1ME40–1DA1
	Blue LED	3SU1401–1ME50–1DA1	
Accessories 	Memory module for storage of configuration data	Optional for IM, included for IM F 3RK3931–0AA00	
	LED module, only illuminated for IM/IM F and SIRIUS ACT	Red LED	3SU1401–3BA20–5AA0
		Yellow LED	3SU1401–3BA30–5AA0
		Green LED	3SU1401–3BA40–5AA0
		Blue LED	3SU1401–3BA50–5AA0
		White LED	3SU1401–3BA60–5AA0
	Flat ribbon cable, 7-core	Amber LED	3SU1401–3BA00–5AA0
		Cable length 5 m	3SU1900–0KQ80–0AA0
		Cable length 10 m	3SU1900–0KP80–0AA0

You can find all the information at:

[siemens.com/sirius-act-profinet](https://www.siemens.com/sirius-act-profinet)

Technical specifications:

[siemens.com/sios](https://www.siemens.com/sios)

Product selection and ordering:

[siemens.com/industrymall](https://www.siemens.com/industrymall)

[siemens.com/sirius-act/configurator](https://www.siemens.com/sirius-act/configurator)

Subject to changes and errors. The information given in this document only contains general descriptions and/or performance features which may not always specifically reflect those described, or which may undergo modification in the course of further development of the products. The requested performance features are binding only when they are expressly agreed upon in the concluded contract.

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