

SIEMENS

Ingenuity for life

Starter kits: SIRIUS ACT with PROFINET

Test the new communication solutions for the field and control panel

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.

“Standard” starter kit – SIRIUS ACT with PROFINET Article No. 3SU1900-0XA10-0AA0



Scope of supply (from left to right):

Top: 1 standard Interface Module, 3 terminal modules, screwdriver

Middle: 4 holders, pair of scissors

Bottom: 1 selector, 1 illuminated push button, 1 button, 1 indicator light, flat ribbon cable

“Safety” starter kit – SIRIUS ACT with PROFINET Article No. 3SU1900-0XB10-0AA0



Scope of supply (from left to right):

Top: 1 fail-safe Interface Module, 3 terminal modules, screwdriver

Middle: 4 holders, pair of scissors

Bottom: 1 EMERGENCY STOP push button, 1 illuminated push button, 1 button, 1 indicator light, flat ribbon cable

Detailed installation information available at:

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
- Extended diagnostic and parameterization options and end-to-end engineering when integrated into the TIA Portal

usa.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 3SU1401-1MC20-1CA1 Yellow LED 3SU1401-1MC30-1CA1 Green LED 3SU1401-1MC40-1CA1 Blue LED 3SU1401-1MC50-1CA1 White LED 3SU1401-1MC60-1CA1 Amber LED 3SU1401-1MC00-1CA1
	“LED” TM with integrated LED	Red LED 3SU1401-1ME20-1DA1 Yellow LED 3SU1401-1ME30-1DA1 Green LED 3SU1401-1ME40-1DA1 Blue LED 3SU1401-1ME50-1DA1 White LED 3SU1401-1ME60-1DA1 Amber LED 3SU1401-1ME00-1DA1	
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
	Amber LED	3SU1401-3BA00-5AA0	
Flat ribbon cable, 7-core	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)

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Product selection and ordering:

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

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

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