

LOGO! Logic module



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LOGO! Modular

SIPLUS LOGO! Modular basic versions

SIPLUS LOGO! Modular Pure versions

LOGO! Modular
analog expansion modules

SIPLUS LOGO! Modular
expansion modules

Brochures

For brochures serving as selection guides for SIMATIC products refer to:

<http://www.siemens.com/simatic/printmaterial>

LOGO! Logic module

LOGO! Modular

SIPLUS LOGO! Modular basic versions

Overview

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- The space-saving basic variants
- Interface for the connection of expansion modules, up to 24 digital inputs, 16 digital outputs, 8 analog inputs and 2 analog outputs can be addressed
- With connection option for LOGO! text display TD (can be connected to all LOGO! 0BA6 basic versions)

For further technical documentation on SIPLUS, see:

<http://www.siemens.com/siplus-extreme/techdoku>

Environmental conditions	SIPLUS extreme		
Ambient temperature range	-25 to +60/+70 °C ¹⁾		
Relative humidity	100% Dewing, condensation and icing permissible		
Contaminant concentration	EN60721-3-3 3C4 and ISA S71.04 G1, G2, G3, GX		
		Constant load	Limit value ²⁾
	SO ₂	4.8 ppm	17.8 ppm
	H ₂ S	9.9 ppm	49.7 ppm
	Cl	0.2 ppm	1.0 ppm
	HCl	0.66 ppm	3.3 ppm
	HF	0.12 ppm	2.4 ppm
	NH ₃	49 ppm	247 ppm
	O ₃	0.1 ppm	1.0 ppm
	NO _x	5.2 ppm	10.4 ppm
	At RH < 75%, condensation permitted		
Saline fog	Saline fog test (EN 60068-2-52)		
Mechanically active substances	EN60721-3-3 3S4		
	• Dust (suspended substance content)	4.0 mg/m ² h	
	• Dust (precipitation)	40 mg/m ² h incl. conductive sand/dust ("Arizona dust")	
Biologically active substances	EN60721-3-3 3B2 Mildew growth, Fungus, excluding fauna		

¹⁾ Depends on the product family

²⁾ 30 min/day

	SIPLUS LOGO! 24	SIPLUS LOGO! 12/24RC	SIPLUS LOGO! 24RC	SIPLUS LOGO! 230RC
Order No.	6AG1 052-1CC00-2BA6	6AG1 052-1MD00-2BA6	6AG1 052-1HB00-2BA6	6AG1 052-1FB00-2BA6
Order No. based on	6ED1 052-1CC00-0BA6	6ED1 052-1MD00-0BA6	6ED1 052-1HB00-0BA6	6ED1 052-1FB00-0BA6
Ambient temperature range	- 25 to + 70 °C - 25 to + 55 °C (for applications with cUL approval), condensation permissible			
Environmental conditions	Resistant in accordance with EN60721 to chemically (-3C4), mechanically (-3S4) and biologically (-3B2) active substances and compliant with ISA S71.04 G1, G2, G3, GX1). For further information, refer to Environmental conditions of SIPLUS extreme (on pg. 4/2) or go to www.siemens.com/siplus-extreme			
Approvals	CE, cUL			
Technical specifications	The technical data of the standard product apply with the exception of the environmental conditions.			

Technical specifications

	6AG1 052-1CC00-2BA6	6AG1 052-1MD00-2BA6	6AG1 052-1HB00-2BA6	6AG1 052-1FB00-2BA6
Supply voltages				
Rated value				
• 12 V DC		Yes		
• 24 V DC	Yes	Yes	Yes	
• 115 V DC				Yes
• 230 V DC				Yes

Technical specifications (continued)

	6AG1 052-1CC00-2BA6	6AG1 052-1MD00-2BA6	6AG1 052-1HB00-2BA6	6AG1 052-1FB00-2BA6
Rated value (continued)				
• permissible range, lower limit (DC)	20.4 V	10.8 V	20.4 V	100 V
• permissible range, upper limit (DC)	28.8 V	28.8 V	28.8 V	253 V
• 24 V AC			Yes	
• 115 V AC				Yes
• 230 V AC				Yes
• permissible range, lower limit (AC)			20.4 V	85 V
• permissible range, upper limit (AC)			26.4 V	265 V
Time of day				
Time switching clocks				
• Power reserve		80 h	80 h	80 h
Digital inputs				
Number of digital inputs	8; Of which 4 can be used in analog mode (0 to 10 V)	8; Of which 4 can be used in analog mode (0 to 10 V)	8	8
Digital outputs				
Number of digital outputs	4; Transistor	4; Relay	4; Relay	4; Relay
Short-circuit protection	Yes; electrical (1 A)	No; external fusing necessary	No; external fusing necessary	No; external fusing necessary
Relay outputs				
Switching capacity of contacts				
• with inductive load, max.		3 A	3 A	3 A
• with resistive load, max.	0.3 A	10 A	10 A	10 A
EMC				
• Emission of radio interference acc. to EN 55 011 (limit class B)	Yes	Yes	Yes	Yes
Degree of protection				
IP20	Yes	Yes	Yes	Yes
Standards, approvals, certificates				
CSA approval	Yes	Yes	Yes	Yes
developed according to IEC1131-3	Yes	Yes	Yes	Yes
FM approval	Yes	Yes	Yes	Yes
according to VDE 0631	Yes	Yes	Yes	Yes
Marine approval	Yes	Yes	Yes	Yes
UL approval	Yes	Yes	Yes	Yes
Dimensions and weight				
Dimensions and weight				
• Mounting	on 35 mm DIN rail, 4 spacing units wide	on 35 mm DIN rail, 4 spacing units wide	on 35 mm DIN rail, 4 spacing units wide	on 35 mm DIN rail, 4 spacing units wide
• Width	72 mm	72 mm	72 mm	72 mm
• Height	90 mm	90 mm	90 mm	90 mm
• Depth	55 mm	55 mm	55 mm	55 mm

LOGO! Logic module

LOGO! Modular

SIPLUS LOGO! Modular basic versions

2

Ordering data

Ordering data	Order No.
SIPLUS LOGO! 24 (extended temperature range and medial exposure) 24 V DC power supply, 8x 24 V DC digital inputs, of which 4 can be used in analog mode (0 ... 10 V), 4x 24 V DC digital outputs, 0.3 A; 200 function blocks can be inter-linked, modular expansion capability	6AG1 052-1CC00-2BA6
SIPLUS LOGO! 12/24RC (extended temperature range and medial exposure) 12/24 V DC power supply, 8x 12/24 V DC digital inputs, of which 4 can be used in analog mode (0 ... 10 V), 4x 10 A relay outputs, integral time switch; 200 function blocks can be inter-linked, modular expansion capability	6AG1 052-1MD00-2BA6
SIPLUS LOGO! 24RC (extended temperature range and medial exposure) 24 V AC/DC power supply, 8x 24 V AC/DC digital inputs, 4x 10 A relay outputs, integral time switch; 200 function blocks can be inter-linked, modular expansion capability	6AG1 052-1HB00-2BA6
SIPLUS LOGO! 230RC (extended temperature range and medial exposure) 115/230 V AC/DC power supply, 8x 115/230 V AC/DC digital inputs, 4x 10 A relay outputs, integral time switch; 200 function blocks can be inter-linked, modular expansion capability	6AG1 052-1FB00-2BA6
Accessories SIPLUS LOGO! TD text display (extended temperature range -10 ... +60 °C and medial load) 4-line text display, can be connected to all LOGO! 0BA6 Basic and Pure versions, including connecting cable	6AG1 055-4MH00-2BA0
LOGO! manual German English French Spanish Italian Chinese	6ED1 050-1AA00-0AE7 6ED1 050-1AA00-0BE7 6ED1 050-1AA00-0CE7 6ED1 050-1AA00-0DE7 6ED1 050-1AA00-0EE7 6ED1 050-1AA00-0KE7

A: Subject to export regulations: AL: N and ECCN: EAR99S

B: Subject to export regulations: AL: N and ECCN: EAR99T

Order No.

LOGO! memory card Program module for copying, with know-how protection	6ED1 056-1DA00-0BA0
LOGO! battery card Battery module for backing up the integral real-time clock (not LOGO! 24)	6ED1 056-6XA00-0BA0
LOGO! memory/battery card Combined program and battery module, with know-how protection and for backing up the integral real-time clock (not LOGO! 24)	6ED1 056-7DA00-0BA0
LOGO! PROM Programming device for modules	6AG1 057-1AA01-0BA6
LOGO!Soft Comfort V6.0 A For programming on the PC in LAD/FBD; executes on Windows 98 SE and higher, Linux, MAC OSX; on CD-ROM	6ED1 058-0BA02-0YA0
LOGO!Soft Comfort V6.0 Upgrade A Upgrade from V1.0 to V6.0	6ED1 058-0CA02-0YE0
LOGO! PC cable For program transfer between LOGO! and the PC	6ED1 057-1AA00-0BA0
LOGO! USB PC cable B For transferring the program between LOGO! and PC, including driver on CD-ROM	6ED1 057-1AA01-0BA0
LOGO! modem cable Adapter cable for analog modem communication	6ED1 057-1CA00-0BA0
LOGO! Mounting set For use in a front panel with Plexiglas pane and gasket <ul style="list-style-type: none"> • Mounting set 4 WM 6AG1 057-1AA00-0AA0 • Mounting set 4 WM with keys 6AG1 057-1AA00-0AA3 • Mounting set 8 WM 6AG1 057-1AA00-0AA1 • Mounting set 8 WM with keys 6AG1 057-1AA00-0AA2 	
SIPLUS upmiter power supply unit for dependable operation of SIPLUS devices supplied by the battery of internal combustion engines	6AG1 053-1AA00-2AA0

Overview



- Basic variants optimized for costs
- Interface for the connection of expansion modules, up to 24 digital inputs, 16 digital outputs, 8 analog inputs and 2 analog outputs can be addressed
- With connection option for LOGO! text display TD (can be connected to all LOGO! 0BA6 basic versions)

For further technical documentation on SIPLUS, see:

<http://www.siemens.com/siplus-extreme/techdoku>

	SIPLUS LOGO! 24o	SIPLUS LOGO! 12/24RCo	SIPLUS LOGO! 24RCo	SIPLUS LOGO! 230RCo
Order No.	6AG1 052-2CC00-2BA6	6AG1 052-2MD00-2BA6	6AG1 052-2HB00-2BA6	6AG1 052-2FB00-2BA6
Order No. based on	6ED1 052-2CC00-0BA6	6ED1 052-2MD00-0BA6	6ED1 052-2HB00-0BA6	6ED1 052-2FB00-0BA6
Ambient temperature range	- 25 to + 70 °C - 25 to + 55 °C (for applications with cUL approval), condensation permissible			
Environmental conditions	Resistant in accordance with EN60721 to chemically (-3C4), mechanically (-3S4) and biologically (-3B2) active substances and compliant with ISA S71.04 G1, G2, G3, GX1). For further information, refer to Environmental conditions of SIPLUS extreme (on pg. 4/2) or go to www.siemens.com/siplus-extreme			
Approvals	CE, cUL			
Technical specifications	The technical data of the standard product apply with the exception of the environmental conditions.			

Technical specifications

	6AG1 052-2CC00-2BA6	6AG1 052-2MD00-2BA6	6AG1 052-2HB00-2BA6	6AG1 052-2FB00-2BA6
Supply voltages				
Rated value				
• 12 V DC		Yes		
• 24 V DC	Yes	Yes	Yes	
• 115 V DC				Yes
• 230 V DC				Yes
• permissible range, lower limit (DC)	20.4 V	10.8 V	20.4 V	100 V
• permissible range, upper limit (DC)	28.8 V	28.8 V	28.8 V	253 V
• 24 V AC			Yes	
• 115 V AC				Yes
• 230 V AC				Yes
• permissible range, lower limit (AC)			20.4 V	85 V
• permissible range, upper limit (AC)			26.4 V	265 V

LOGO! Logic module

LOGO! Modular

SIPLUS LOGO! Modular Pure versions

Technical specifications (continued)

	6AG1 052-2CC00-2BA6	6AG1 052-2MD00-2BA6	6AG1 052-2HB00-2BA6	6AG1 052-2FB00-2BA6
Time of day				
Time switching clocks				
• Number		8	8	8
• Power reserve		80 h	80 h	80 h
Digital inputs				
Number of digital inputs	8; Of which 4 can be used in analog mode (0 to 10 V)	8; Of which 4 can be used in analog mode (0 to 10 V)	8	8
Digital outputs				
Number of digital outputs	4; Transistor	4; Relay	4; Relay	4; Relay
Short-circuit protection	Yes; electrical (1 A)	No; external fusing necessary	No; external fusing necessary	No; external fusing necessary
Relay outputs				
Switching capacity of contacts				
• with inductive load, max.		3 A	3 A	3 A
• with resistive load, max.	0.3 A	10 A	10 A	10 A
EMC				
• Emission of radio interference acc. to EN 55 011 (limit class B)		Yes	Yes	Yes
Degree of protection				
IP20	Yes	Yes	Yes	Yes
Standards, approvals, certificates				
CSA approval	Yes	Yes	Yes	Yes
developed according to IEC1131-3	Yes	Yes	Yes	Yes
FM approval	Yes	Yes	Yes	Yes
according to VDE 0631	Yes	Yes	Yes	Yes
Marine approval	Yes	Yes	Yes	Yes
UL approval	Yes	Yes	Yes	Yes
Dimensions and weight				
Dimensions and weight				
• Mounting	on 35 mm DIN rail, 4 spacing units wide	on 35 mm DIN rail, 4 spacing units wide	on 35 mm DIN rail, 4 spacing units wide	on 35 mm DIN rail, 4 spacing units wide
• Width	72 mm	72 mm	72 mm	72 mm
• Height	90 mm	90 mm	90 mm	90 mm
• Depth	55 mm	55 mm	55 mm	55 mm

Ordering data	Order No.	Order No.
SIPLUS LOGO! 24o (extended temperature range and medial exposure) 24 V DC power supply, 8x digital inputs 24 V DC, of which 4 can be used in analog mode (0 ... 10 V), 4x digital outputs 24 V DC, 0.3 A; without display and keyboard; 200 function blocks can be inter-linked, modular expansion capability	6AG1 052-2CC00-2BA6	LOGO! manual German 6ED1 050-1AA00-0AE7 English 6ED1 050-1AA00-0BE7 French 6ED1 050-1AA00-0CE7 Spanish 6ED1 050-1AA00-0DE7 Italian 6ED1 050-1AA00-0EE7 Chinese 6ED1 050-1AA00-0KE7 LOGO! memory card 6ED1 056-1DA00-0BA0 Program module for copying, with know-how protection LOGO! battery card 6ED1 056-6XA00-0BA0 Battery module for backing up the integral real-time clock (not LOGO! 24) LOGO! memory/battery card 6ED1 056-7DA00-0BA0 Combined program and battery module, with know-how protection and for backing up the integral real-time clock (not LOGO! 24) LOGO! PROM 6AG1 057-1AA01-0BA6 Programming device for modules LOGO!Soft Comfort V6.0 A 6ED1 058-0BA02-0YA0 For programming on the PC in LAD/FBD; executes on Windows 98 SE and higher, Linux, MAC OSX; on CD-ROM LOGO!Soft Comfort V6.0 Upgrade A 6ED1 058-0CA02-0YE0 Upgrade from V1.0 to V6.0 LOGO! PC cable 6ED1 057-1AA00-0BA0 For program transfer between LOGO! and the PC LOGO! USB PC cable B 6ED1 057-1AA01-0BA0 For transferring the program between LOGO! and PC, including driver on CD-ROM LOGO! modem cable 6ED1 057-1CA00-0BA0 Adapter cable for analog modem communication LOGO! Mounting set For use in a front panel with Plexiglas pane and gasket <ul style="list-style-type: none"> • Mounting set 4 WM 6AG1 057-1AA00-0AA0 • Mounting set 4 WM with keys 6AG1 057-1AA00-0AA3 • Mounting set 8 WM 6AG1 057-1AA00-0AA1 • Mounting set 8 WM with keys 6AG1 057-1AA00-0AA2 SIPLUS upmiter power supply unit 6AG1 053-1AA00-2AA0 for dependable operation of SIPLUS devices supplied by the battery of internal combustion engines
SIPLUS LOGO! 12/24RCo (extended temperature range and medial exposure) 12/24 V DC power supply, 8x digital inputs 12/24 V DC, of which 4 can be used in analog mode (0 ... 10 V), 4x relay outputs 10 A, integral time switch; without display and keyboard; 200 function blocks can be inter-linked, modular expansion capability	6AG1 052-2MD00-2BA6	
SIPLUS LOGO! 24RCo (extended temperature range and medial exposure) 24 V AC/DC power supply, 8 digital inputs 24 V AC/DC, 4 relay outputs 10 A, integral time switch; without display and keyboard; 130 function blocks can be inter-linked, modular expansion capability	6AG1 052-2HB00-2BA6	
SIPLUS LOGO! 230RCo (extended temperature range and medial exposure) 115/230 V AC/DC power supply, 8x digital inputs 115/230 V AC/DC, 4 relay outputs 10 A, integral time switch; without display and keyboard; 200 function blocks can be inter-linked, modular expansion capability	6AG1 052-2FB00-2BA6	
Accessories SIPLUS LOGO! TD text display (extended temperature range -10 ... +60 °C and medial load) 4-line text display, can be connected to all LOGO! 0BA6 Basic and Pure versions, including connecting cable	6AG1 055-4MH00-2BA0	

A: Subject to export regulations: AL: N and ECCN: EAR99S

B: Subject to export regulations: AL: N and ECCN: EAR99T

LOGO! Logic module

LOGO! Modular

LOGO! Modular analog expansion modules

Overview



- Expansion modules for the connection to LOGO! Modular
- With digital inputs and outputs, analog inputs or analog outputs

Technical specifications

6ED1 055-1MM00-0BA1	
Supply voltages	
Rated value	
• 12 V DC	No
• 24 V DC	Yes
Analog outputs	
Number of analog outputs	2
Output ranges, voltage	
• 0 to 10 V	Yes
EMC	
• Emission of radio interference to EN 55 011 (limit class B)	Yes
Environmental requirements	
Operating temperature	
• min.	0 °C
• max.	55 °C
Degree of protection	
IP 20	Yes
Standards, approvals, certificates	
CSA approval	Yes
Developed to IEC1131	Yes
FM approval	Yes
to VDE 0631	Yes
Marine approval	Yes
UL Approval	Yes
Dimensions and weight	
Dimensions	
• Mounting	on 35 mm DIN rail, 2 spacing units wide
• Width	36 mm
• Height	90 mm
• Depth	55 mm

Ordering data

Order No.

LOGO! AM2 AQ C **6ED1 055-1MM00-0BA1**

Supply voltage 24 V DC,
2 analog outputs, 0 ... 10 V,
0/4 ... 20 mA

Accessories

LOGO! Manual

German **6ED1 050-1AA00-0AE7**
English **6ED1 050-1AA00-0BE7**
French **6ED1 050-1AA00-0CE7**
Spanish **6ED1 050-1AA00-0DE7**
Italian **6ED1 050-1AA00-0EE7**
Chinese **6ED1 050-1AA00-0KE7**

LOGO! memory card **6ED1 056-5CA00-0BA0**

for copying,
with know-how protection

LOGO!Soft Comfort V6.0 A **6ED1 058-0BA02-0YA0**

For programming on the PC in
LAD/FBD; executes on
Windows 98 SE and higher, Linux,
MAC OSX; on CD-ROM

**LOGO!Soft Comfort V6.0
upgrade** A **6ED1 058-0CA02-0YE0**

Upgrade from V1.0 to V6.0

LOGO! PC cable **6ED1 057-1AA00-0BA0**

For program transfer between
LOGO! and the PC

A: Subject to export regulations: AL: N and ECCN: EAR99S

C: Subject to export regulations: AL: N and ECCN: EAR99H

Overview



- Expansion modules for connection to LOGO! Modular
- With digital inputs and outputs, analog inputs, or analog outputs

For further technical documentation on SIPLUS, see:

<http://www.siemens.com/siplus-extreme/techdoku>

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	SIPLUS LOGO! DM8 24	SIPLUS LOGO! AM2 AQ	SIPLUS LOGO! DM16 24R
Order No.	6AG1 055-1PB00-2BY0	6AG1 055-1MM00-2BY1	6AG1 055-1NB10-2BA0
Order No. based on	6ED1 055-1CB00-0BA0	6ED1 055-1MM00-0BA1	6ED1 055-1NB10-0BA0
Ambient temperature range	- 25 to + 70 °C - 25 to + 55 °C (for applications with cUL approval), condensation permissible		
Environmental conditions	Resistant in accordance with EN60721 to chemically (-3C4), mechanically (-3S4) and biologically (-3B2) active substances and compliant with ISA S71.04 G1, G2, G3, GX1. For further information, refer to Environmental conditions of SIPLUS extreme (on pg. 2/2) or go to www.siemens.com/siplus-extreme		
Approvals	CE, cUL	CE, cUL (available soon)	
Technical specifications	The technical data of the standard product apply with the exception of the environmental conditions.		

Technical specifications

	6AG1 055-1PB00-2BY0	6AG1 055-1NB10-2BA0	6AG1 055-1MM00-2BY1
Supply voltages			
Rated value			
• 12 V DC	Yes		No
• 24 V DC	Yes	Yes	Yes
• permissible range, lower limit (DC)	10.8 V	20.4 V	
• permissible range, upper limit (DC)	28.8 V	28.8 V	
Digital inputs			
Number of digital inputs	4	8	
Input voltage			
• for signal "0"		< 5 V DC	
• for signal "1"		> 12 V DC	
Input current			
• for signal "0", max. (permissible quiescent current)		1 mA	
• for signal "1", typ.		2 mA	
Input delay (for rated value of input voltage)			
• for standard inputs			
- at "0" to "1", max.		1.5 ms	
- at "1" to "0", max.		1.5 ms	

LOGO! Logic module

LOGO! Modular

SIPLUS LOGO! Modular expansion modules

Technical specifications (continued)

	6AG1 055-1PB00-2BY0	6AG1 055-1NB10-2BA0	6AG1 055-1MM00-2BY1
Digital outputs			
Number of digital outputs	4	8; Relay	
Short-circuit protection	Yes; electrical (1 A)	No; external fusing necessary	
Lamp load, max.		1 000 W; 500 W at 115 V AC	
Controlling a digital input		Yes	
Parallel switching of 2 outputs			
• for increased power		No	
Switching frequency			
• with resistive load, max.		2 Hz	
• with inductive load, max.		0,5 Hz	
• mechanical, max.		10 Hz	
Relay outputs			
Switching capacity of contacts			
• with inductive load, max.		3 A	
• with resistive load, max.		5 A	
• Thermal continuous current, max.	0,3 A		
Analog outputs			
Number of analog outputs			2
Output ranges, voltage			
• 0 to 10 V			Yes
EMC			
• Emission of radio interference acc. to EN 55 011 (limit class B)	Yes	Yes	Yes
Degree of protection			
IP20	Yes	Yes	Yes
Standards, approvals, certificates			
CSA approval	Yes	Yes	Yes
developed according to IEC1131-3	Yes	Yes	Yes
FM approval	Yes	Yes	Yes
according to VDE 0631	Yes	Yes	Yes
Marine approval	Yes	Yes	Yes
UL approval	Yes	Yes	Yes
Dimensions and weight			
Dimensions and weight			
• Mounting	on 35 mm DIN rail, 2 spacing units wide	on 35 mm DIN rail, 4 spacing units wide	on 35 mm DIN rail, 2 spacing units wide
• Width	36 mm; 2 DU	72 mm; 4 DU	36 mm
• Height	90 mm	90 mm	90 mm
• Depth	55 mm	53 mm	55 mm

SIPLUS LOGO! Modular expansion modules

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Ordering data	Order No.	Order No.
SIPLUS LOGO! DM8 24 (extended temperature range and medial exposure) Supply voltage 24 V DC, 4x digital inputs 124 V DC, 4x digital outputs 24 V DC, 0.3 A, temperature range -40 ... +70 °C	6AG1 055-1PB00-2BY0	Accessories LOGO! manual German 6ED1 050-1AA00-0AE7 English 6ED1 050-1AA00-0BE7 French 6ED1 050-1AA00-0CE7 Spanish 6ED1 050-1AA00-0DE7 Italian 6ED1 050-1AA00-0EE7 Chinese 6ED1 050-1AA00-0KE7 LOGO! memory card for copying, with know-how protection 6ED1 056-5CA00-0BA0
SIPLUS LOGO! DM16 24R (extended temperature range and medial exposure) Supply voltage 24 V DC, 8x digital inputs 24 V DC, 8x relay outputs 5 A, temperature range -25 ... +70 °C	6AG1 055-1NB10-2BA0	LOGO!Soft Comfort V6.0 A 6ED1 058-0BA02-0YA0 For programming on the PC in LAD/FBD; executes on Windows 98 SE and higher, Linux, MAC OSX; on CD-ROM
SIPLUS LOGO! AM2 AQ (extended temperature range and medial exposure) 24 V DC power supply, 2x analog inputs 0 ... 10 V, 0/4 ... 20 mA, 10-bit resolution, temperature range -40 ... +70 °C	6AG1 055-1MM00-2BY1	LOGO!Soft Comfort V6.0 A 6ED1 058-0CA02-0YE0 upgrade Upgrade from V1.0 to V6.0
		LOGO! PC cable 6ED1 057-1AA00-0BA0 For program transfer between LOGO! and the PC

A: Subject to export regulations: AL: N and ECCN: EAR99S