

SIEMENS



Product overview for LOGO! 8

TIA Selection Tool Web



Logic module LOGO!

Simply ingenious for small automation tasks

Easy installation, minimal wiring, convenient programming:

LOGO! 8, the small controller from Siemens, allows for the quick implementation of basic automation projects. You save space in the control cabinet and can easily implement functions, such as timer switch, timer relay, counter and auxiliary relay with the LOGO! logic module

<https://www.siemens.com/logo>

LOGO! at a glance

The LOGO! series includes eight basic devices for all common voltages with or without display. The display shows message texts and the background lighting that is available in white, orange and red offers many options for visual highlighting, such as for alarm states.

All devices of the LOGO! 8 series have one Ethernet port and can be connected to any previous version.

The maximum configuration for one basic device includes 24 digital inputs, 20 digital outputs and 8 analog inputs and outputs each. If you need more inputs and outputs, you can connect additional basic devices via the Ethernet port. Data exchange in LOGO! Soft Comfort is programmed via Drag & Drop.

Highlights

Engineered with LOGO! Soft Comfort

In addition to the usual operation in single mode, LOGO! Soft Comfort engineering software offers easy operation in network mode. Automatic configuration of the communication with visual representation in the network view, call of up to three programs side by side, and easy transfer of signals from one program to another with Drag & Drop are only some of the many convenient options. Programs from previous versions can be integrated without any problems.

Integrated web server

Users need no HTML expertise to use the LOGO! Web Editor (LWE) to create application-specific web pages with their own images and icons. Users can configure the web server to control automation components via mobile devices. The web server is integrated into all basic devices for monitoring and control with LOGO! via WLAN and Internet. The web server is protected by a password and is suitable for all common browsers.

Versatile communication

The Ethernet port of the basic devices enables communication of the LOGO! modules with each other and with all SIMATIC S7 systems.

Modbus TCP/IP is an additional communication protocol for LOGO! 8. LOGO! can be a client or server in this case.

With LOGO! CMR you can receive status information and alarms of the LOGO! station via text message or email with your smartphone or tablet. Secure remote access via https or Open VPN using the wireless network allows for configuration changes and diagnostics on the web server of the LOGO! CMR as well as on LOGO! 8. Locating services via GPS can be used, for example, for low-price container tracking. The position is signaled to the LOGO! basic module or to a control room via text message or email.

With the LOGO! CMK2000 communications module, LOGO! 8 can be used as an intelligent controller in the KNX system. The time and date synchronization is possible as master or slave in networked systems.

Cloud connectivity

The latest logic module series, LOGO! 8.3, is offered with direct cloud connectivity. Users can activate and configure a cloud connection with LOGO!. Through live access, the cloud provides access to the collective data during ongoing operation. LOGO! 8.3 can also be used as cloud gateway for existing systems. This means you can, for example, export data to the cloud for which the memory in the controller is limited. The dashboard for the cloud data is created with LOGO! Web Editor and can be hosted directly in the cloud. The web app created can be opened with a smartphone, tablet or PC. The encrypted connection from the cloud to LOGO! 8.3 via TLS protocol ensures secure transfer of data in both directions, that is, writing and reading.

Logic modules

| | Article number | |
|---|---|--------------------|
| | LOGO!12/24RCE, 8DI(4AI)/4DO, 400 Blocks | 6ED1052-1MD08-0BA2 |
| | LOGO!12/24RCEO, 8DI(4AI)/4DO,400 Blocks | 6ED1052-2MD08-0BA2 |
| | LOGO!230RCE, 8DI/4DO, 400 Blocks | 6ED1052-1FB08-0BA2 |
| | LOGO!230RCEo, 8DI/4DO,400 Blocks | 6ED1052-2FB08-0BA2 |
| | LOGO! 24RCE, 8DI/4DO, 400 Blocks | 6ED1052-1HB08-0BA2 |
| | LOGO! 24RCEO, 8DI/4DO, 400 Blocks | 6ED1052-2HB08-0BA2 |
| | LOGO! 24CE, 8DI(4AI)/4DO, 400 Blocks | 6ED1052-1CC08-0BA2 |
| | LOGO! 24CEo, 8DI(4AI)/4DO, 400 Blocks | 6ED1052-2CC08-0BA2 |
| | LOGO! 8.3 | |
| LOGO!12/24RCE, 8DI(4AI)/4DO, 400 Blocks | 6ED1052-1MD08-0BA1 | |
| LOGO!12/24RCEO, 8DI(4AI)/4DO,400 Blocks | 6ED1052-2MD08-0BA1 | |
| LOGO!230RCE, 8DI/4DO, 400 Blocks | 6ED1052-1FB08-0BA1 | |
| LOGO!230RCEo, 8DI/4DO,400 Blocks | 6ED1052-2FB08-0BA1 | |
| LOGO! 24RCE, 8DI/4DO, 400 Blocks | 6ED1052-1HB08-0BA1 | |
| LOGO! 24RCEO, 8DI/4DO, 400 Blocks | 6ED1052-2HB08-0BA1 | |
| LOGO! 24CE, 8DI(4AI)/4DO, 400 Blocks | 6ED1052-1CC08-0BA1 | |
| LOGO! 24CEo, 8DI(4AI)/4DO, 400 Blocks | 6ED1052-2CC08-0BA1 | |
| SIPLUS LOGO! 24CE | 6AG1052-1CC08-7BA1 | |
| SIPLUS LOGO! 230RCE | 6AG1052-1FB08-7BA1 | |
| SIPLUS LOGO! 24RCE | 6AG1052-1HB08-7BA1 | |
| SIPLUS LOGO! 12/24RCE | 6AG1052-1MD08-7BA1 | |
| SIPLUS LOGO! 24CEO | 6AG1052-2CC08-7BA1 | |
| SIPLUS LOGO! 230RCEO | 6AG1052-2FB08-7BA1 | |
| SIPLUS LOGO! 24RCEO (AC) | 6AG1052-2HB08-7BA1 | |
| SIPLUS LOGO! 12/24RCEO | 6AG1052-2MD08-7BA1 | |
| SIPLUS Compare technical specifications online | | |
| SIPLUS LOGO! 12/24RCE | 6AG1052-1MD08-7BA1 | |
| SIPLUS LOGO! 12/24RCEO | 6AG1052-2MD08-7BA1 | |
| SIPLUS LOGO! 230RCE | 6AG1052-1FB08-7BA1 | |
| SIPLUS LOGO! 230RCEO | 6AG1052-2FB08-7BA1 | |
| SIPLUS LOGO! 24CE | 6AG1052-1CC08-7BA1 | |
| SIPLUS LOGO! 24CEO | 6AG1052-2CC08-7BA1 | |
| SIPLUS LOGO! 24RCE | 6AG1052-1HB08-7BA1 | |
| SIPLUS LOGO! 24RCEO (AC) | 6AG1052-2HB08-7BA1 | |

Digital expansion modules

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| | Article number | |
|----------------------------|---|--------------------|
| | LOGO! DM8 24 Exp. mod., 4DI/4DO | 6ED1055-1CB00-0BA2 |
| | LOGO! DM16 24 Exp. mod., 4 MW, 8DI/8DO | 6ED1055-1CB10-0BA2 |
| | LOGO! DM8 230R Exp. mod. 2 MW, 4DI/4DO | 6ED1055-1FB00-0BA2 |
| | LOGO! DM16 230R Exp. mod. 4 MW, 8DI/8DO | 6ED1055-1FB10-0BA2 |
| | LOGO! DM8 24R Exp. mod. 2 MW, 4DI/4DO | 6ED1055-1HB00-0BA2 |
| | LOGO! DM8 12/24R Exp. mod. 2 MW, 4DI/DO | 6ED1055-1MB00-0BA2 |
| | LOGO! DM16 24R Exp. mod. 4 MW, 8DI/8DO | 6ED1055-1NB10-0BA2 |
| | SIPLUS Compare technical specifications online | |
| | SIPLUS LOGO! DM8 24 V8 | 6AG1055-1CB00-7BA2 |
| SIPLUS LOGO! DM8 230R V8 | 6AG1055-1FB00-7BA2 | |
| SIPLUS LOGO! DM8 24R V8 | 6AG1055-1HB00-7BA2 | |
| SIPLUS LOGO! DM8 12/24R V8 | 6AG1055-1MB00-7BA2 | |
| SIPLUS LOGO! DM16 24R V8 | 6AG1055-1NB10-7BA2 | |

: Safety-related component

* By clicking on the article number, you will be taken to the product in the TIA Selection Tool cloud.

Analog expansion modules



| | Article number |
|-------------------------------------|---|
| LOGO! AM2 Exp. mod., 12/24V, 2AI, | 6ED1055-1MA00-0BA2 |
| LOGO! AM2 RDT, 2AI, -50..+200DECR/C | 6ED1055-1MD00-0BA2 |
| LOGO! AM2 AQ, 2AQ, 0-10V, 0/4-20mA | 6ED1055-1MM00-0BA2 |
| SIPLUS | Compare technical specifications online |
| SIPLUS LOGO! AM2 V8 | 6AG1055-1MA00-7BA2 |
| SIPLUS LOGO! AM2 RTD | 6AG1055-1MD00-7BA2 |
| SIPLUS LOGO! AM2 AQ V8 | 6AG1055-1MM00-7BA2 |

Communication modules



| | Article number |
|------------------------------------|--------------------|
| LOGO! CSM12/24 | 6GK7177-1MA20-0AA0 |
| LOGO! CSM 230 | 6GK7177-1FA10-0AA0 |
| Communication module LOGO! CMR2020 | 6GK7142-7BX00-0AX0 |
| Communication module LOGO! CMR2040 | 6GK7142-7EX00-0AX0 |
| LOGO! CMK2000 | 6BK1700-0BA20-0AA0 |
| LOGO! CIM | 6ED1055-5MC08-0BA1 |

HMI devices

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| | Article number |
|-------------------------------|--------------------|
| LOGO! TD Textdisplay, 6 Lines | 6ED1055-4MH08-0BA1 |

Power supply

[Compare technical specifications online](#)



| | Article number |
|-----------------------------|---|
| LOGO!Power/1AC/12VDC/0.9A | 6EP3320-6SB00-0AY0 |
| LOGO!Power/1AC/12VDC/1.9A | 6EP3321-6SB00-0AY0 |
| LOGO!Power/1AC/12VDC/4.5A | 6EP3322-6SB00-0AY0 |
| LOGO!Power/1AC/24VDC/0.6A | 6EP3330-6SB00-0AY0 |
| LOGO!Power/1AC/24VDC/1.3A | 6EP3331-6SB00-0AY0 |
| LOGO!Power/1AC/24VDC/2.5A | 6EP3332-6SB00-0AY0 |
| LOGO!Power/1AC/24VDC/4A | 6EP3333-6SB00-0AY0 |
| LOGO!Power/1AC/DC24V/4A/EX | 6EP3333-6SC00-0AY0 |
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| SIPLUS LOGO! POWER 24V 1.3A | 6AG1331-6SB00-7AY0 |
| SIPLUS LOGO! POWER 24V 4A | 6AG1333-6SB00-7AY0 |

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Software [Compare technical specifications online](#)

Article number



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|-----------------------|--------------------|
| LOGO! Soft Comfort V8 | 6ED1058-0BA08-0YA1 |
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Front panel mounting kits [Compare technical specifications online](#)

Article number



| | |
|--------------------------------------|--------------------|
| EINBAUSATZ FUER LOGO! 8TE M Tasten | 6AG1057-1AA00-0AA2 |
| EINBAUSATZ FUER LOGO! 4TE MIT TASTEN | 6AG1057-1AA00-0AA3 |

Accessories

Article number



| | |
|--------------------------------|--------------------|
| LOGO! TD Mounting Accessories, | 6ED1057-1DA00-0BA0 |
| LOGO! ICL230/1AC100-240V/5A | 6EP4683-6LB00-0AY0 |

Starter kits

Article number



| | |
|---------------------------------|--------------------|
| LOGO! Starter Kit 12/24RCE V8.3 | 6ED1057-3BA01-0AA8 |
| LOGO! Starter Kit 230RCE V8.3 | 6ED1057-3BA03-0AA8 |
| LOGO! TD Starter Kit 12/24 V8.3 | 6ED1057-3BA11-0AA8 |

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