LOGO! 9

Re-discover Everyday Automation



http://www.siemens.com/logo

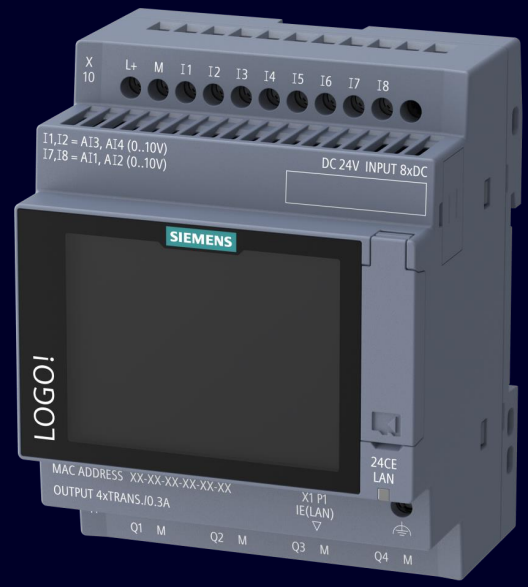
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Challenge

The demands on small control systems are growing

Technological change and stricter regulations are putting massive pressure on the market, including in the small control segment. Today, “Everyday Automation” no longer just means switching, but also networking, visualizing, and protecting. This requires a solution that masters the balancing act between increasing requirements (such as the Cyber Resilience Act) and the desire for maximum simplicity and cost efficiency throughout the entire life cycle.



Challenges and opportunities

Technological Change

Increasing complexity requires more **precise data processing and control technology, even in the entry-level segment.** Meeting these requirements with oversized hardware jeopardizes cost efficiency.

Legal Requirements

New regulations such as the **Cyber Resilience Act (CRA)** require comprehensive cybersecurity down to the smallest component. Compliance with these standards is a prerequisite for future market access.

Efficiency & Operation

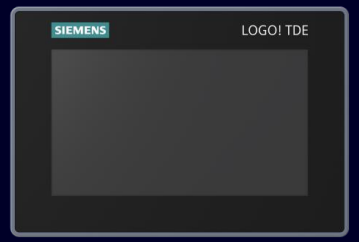
Diverse customer requirements demand **intuitive visualization** and time-saving engineering (“plug & play”). Solutions that lack transparency and ease of use are increasingly being rejected.

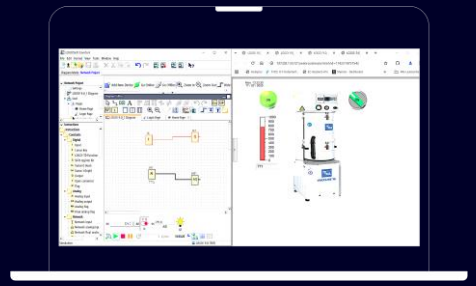
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Overview
Added Value fields in LOGO! 9











More Power & Application Space

- Double the number of function blocks (up to 800) for more logic without additional devices
- Expanded I/O capacity for larger and more demanding applications
- New analog expansion module (AM4) with selectable analog resolution
- New calculation functions and support for floating point numbers for more precise control and measured value processing

Modern Operating & Display Experience

- New color touch display with almost double the surface area, double the information, and double the options directly on the base module
- New 4.3" LOGO! text display (TDE) for more visualization options and better readability directly on the machine
- “Custom branding” for a CI-compliant appearance directly on the LOGO! BM display, ideal for OEMs

Efficient & Flexible Engineering

- LOGO! Soft Comfort V9 – the latest version with full backward compatibility for older projects and all previous LOGO! generations
- LOGO! Web Editor integrated directly into LOGO! Soft Comfort, including simulation
- New user management (UMAC, 4 roles) for clear distribution of roles and rights in engineering

Security & Sustainability by Design

- Siemens EcoTech label ready – prepared today for tomorrow's sustainability requirements
- Secure Boot and Secure LOGO! communication protect against unwanted manipulation and unauthorized access
- Firmware updates via LSC and factory reset with IP retention ensure safe and efficient operation

Simple, connected and powerful – LOGO! 9 brings a whole new experience to Everyday Automation.

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Direct comparsion: LOGO! 8.4 vs. LOGO! 9
Rediscover Everyday Automation

	LOGO! 8.4	LOGO! 9
Programming & Web		
Program + Web in one project	x	✓
Web preview / simulation (integrated)	x	✓
All-in-one download function	x	✓
LOGO! Web Editor platform support	Windows	Windows, macOS, Linux
Performance & Data		
Function blocks	400	800
Floating-point support	x	✓ (32-bit)
Floating-point value range	-	−3.40E38 … 3.40E38
Analog resolution	1.000	1.000 / 4.095 / 10.000
Security & Compliance		
Security by default	x	✓
User management (role model)	x	✓ (4-roles)
Secure LOGO!-to-LOGO! communication	x	✓
EU-CRA compliant	x	✓ (expected from Sep. 2027)
LOGO! TDE	✓	✓ (bigger colour touch display)
Touch display directly in the base module	x	✓



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LOGO! 9
Overview of technical innovations

LOGO! 9 Basic Modules

- **Touch color display in the base module** (supports images, freely definable message texts) – resolution 320 × 240 px, almost double the display area compared to previous models
- **Double memory capacity:** up to 800 function blocks
- **NEW:** AM4 module: 2 AI + 2 AQ (replaces AM2/AM2 AQ), selectable analog resolution (1,000/4,095/10,000 steps) 12-bit + floating point
- **Scaling/expansion level:** up to 64 DI/60 DQ/16 AI/16 AQ
- **Network I/Os** (for distributed signals via Ethernet): NAI* 128/NAQ 128/NI 512/NQ 480
- **More layout memory** (more visualization/web layout resources)
- Secure LOGO! ↔ LOGO! communication supported
- **Micro SD in base module can be formatted** (simplified service/handling)
- **Important note:** Older Extension Modules are **not** compatible between LOGO! 8 ↔ LOGO! 9. Older Communication Modules **are** compatible. Projects **are** bidirectionally compatible.

LOGO! 9 Text Display (TDE)

- **NEW: 4.3" color touch display**, image support, **TDE-based message texts**
- Resolution **480 × 272 px, 2 Ethernet ports** (as with previous TDE)
- **Secure communication** to LOGO! base module

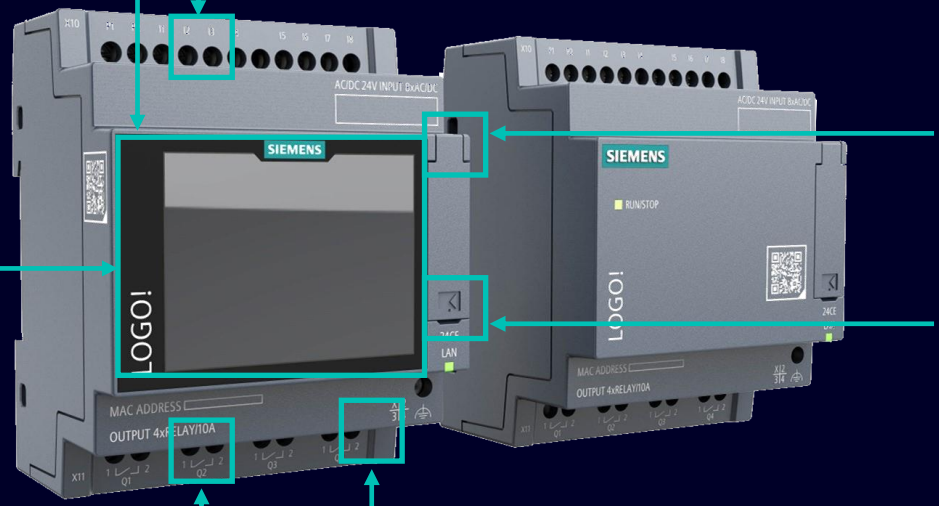
LOGO! Soft Comfort V9

- **User Management (UMAC):** 4 roles for role-based rights concept in engineering
- **LWE integrated into LOGO! Soft Comfort** (including simulation) – now also for **Linux & macOS**
- **Support for all LOGO! series** + program compatibility with all older versions (old ↔ new)
- **Improved usability/more efficient engineering** (network view, drag & drop)

*NAI = Network Access Identifier / Netzwerksignale

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Design and handling
LOGO! 9 new hardware design



Resistive Color Touch Display

Digital & Analog Inputs

Backbone Bus for Expanding Expansion Modules

Installation-safe Design

MicroSD Card for Web Servers & Logs

Digital Outputs

LAN interface for Connectivity and Commissioning

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LOGO!
Portfolio Overview (Batch 1)

All modules mentioned will be available at the start of delivery in April 2026

With display



LOGO! 9 Basic Modules

- **LOGO! 24CE**
  6ED1052-1CC08-0BA3
- **LOGO! 12/24RCE**
  6ED1052-1MD08-0BA3
- **LOGO! 24RCE AC/DC**
  6ED1052-1HB08-0BA3
- **LOGO! 230 RCE AC/DC**
  6ED1052-1FB08-0BA3

LOGO! TDE

- **LOGO! TDE**
  6ED1055-4MH08-0BA3
- **LOGO! TDE Mounting Access.**
  6ED1057-1DA00-0BA3



LOGO! Soft Comfort

- **LOGO! Soft Comfort V9**
  6ED1058-0BA08-0YA3

Without display



LOGO! 9 Basic Modules

- **LOGO! 24CEo**
  6ED1052-2CC08-0BA3
- **LOGO! 12/24RCEo**
  6ED1052-2MD08-0BA**3**
- **LOGO! 24RCEo AC/DC**
  6ED1052-2HB08-0BA**3**
- **LOGO! 230 RCEo AC/DC**
  6ED1052-2FB08-0BA3

LOGO! Expansion Modules

- **LOGO! DM8 230R**
  6ED1055-1FB00-0BA3
- **LOGO! DM8 12/24R**
  6ED1055-1MB00-0BA3
- ★ **LOGO! AM4 AI/AQ**
  6ED1055-1MF00-0BA3

LOGO! Power

- **LOGO! Power 12 V/24 V**
  6EP33..-6SB.0-0AY0



★ New module

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LOGO!
Portfolio Overview (Batch 2)

According to the current schedule (02/2026), expected to be available in Q1 CY 2027.

LOGO! DM8 24

- **LOGO! DM8 24**
  6ED1055-1CB00-0BA3

LOGO! DM8 24R

- **LOGO! DM8 24R**
  6ED1055-1HB00-0BA3

LOGO! DM16 24

- **LOGO! DM16 24**
  6ED1055-1CB10-0BA3

LOGO! DM16 24R

- **LOGO! DM16 24R**
  6ED1055-1NB10-0BA3

LOGO! DM16 230 R

- **LOGO! DM16 230 R**
  6ED1055-1FB10-0BA3

LOGO! AM4

- **LOGO! AM4**
  6ED1055-1MA00-0BA3

LOGO! AM2 RTD

- **LOGO! AM2 RTD**
  6ED1055-1MD00-0BA3

LOGO! AM4 AQ

- **LOGO! AM4 AQ**
  6ED1055-1MM00-0BA3

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LOGO!
Communication modules



LOGO! CSM (Communication Switch Module)
4-port switch Enables the simple setup of a local Ethernet network directly within the control cabinet – for connecting LOGO! BM, TDE and other devices without the need for an additional external switch.

6GK7177-1MA20-0AA0



LOGO! CMK2000 (Communication Module KNX)
Communication module for integration into KNX building automation systems. Connects LOGO! to KNX installations, enabling the control of lighting, shading, HVAC and other building functions via a single bus.

6BK1700-0BA20-0AA0



LOGO! CIM (Communication Interface Module)
Connects LOGO! to higher-level systems and IT applications – via multiple communication protocols in a single device. Optional mobile connectivity for remote access and SMS alerts.

6ED1055-5MC08-0BA3

✓ Compatible with LOGO! 9

All communication modules — CSM, CMK2000, and CIM — remain fully compatible with LOGO! 9 Basic Modules. No hardware replacement is required when upgrading to LOGO! 9.

LOGO! 9
The right small controller for growing requirements in Everyday Automation

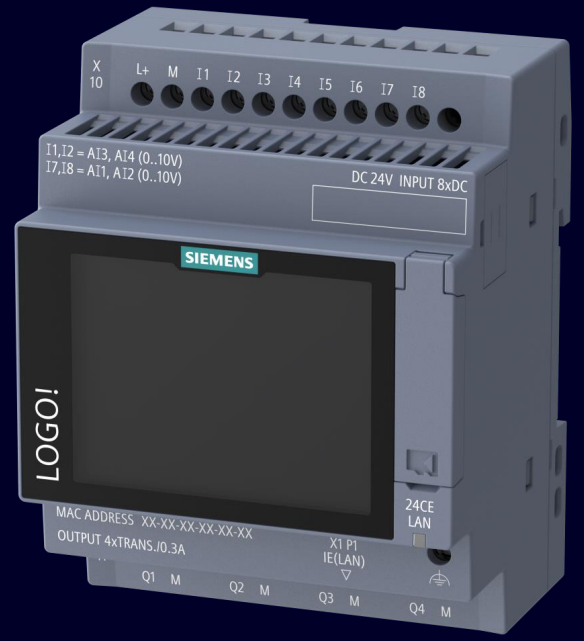
Digitization & Networking
- Consistent Ethernet communication for networked applications
- Standard protocols (e.g., Modbus TCP/IP) for easy integration into automation environments

Transparency & Remote Access
- Integrated web server for monitoring/operation via browser
- Configurable web visualization without HTML knowledge (LOGO! Web Editor)

Efficiency in engineering
- LOGO! Soft Comfort V9: Engineering in single and network mode
- LOGO! Web Editor integrated into LOGO! Soft Comfort

Reduce operation and operating errors
- Modern color touch display on the base module for status, messages, and parameters
- Optional 4,3" LOGO! TDE (color touch display) for better readability and visualization

Safety & Degree of expansion
- Security by design: Protection against manipulation and unauthorized access
- Expandable configuration for more demanding small control applications



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Siemens EcoTech
LOGO!

Update follows for LOGO! 9!



Siemens EcoTech Profile
LOGO!

Link to EPD
Environmental Product Declaration for LOGO!

Sustainable materials
- Volume reduced by more than **30%** and weight reduced by more than 10% compared to its predecessor
- Replacing mini CDs for opensource information with a web server saves more than **3,000 kg** of plastics per year

Optimal use
- Increased ambient temperature range during operation **to -20 °C to 55 °C** (no condensation) compared to its predecessor (**0 °C to 55 °C**).
- Product features such as the avoidance of batteries characterize the maintenance-free product design.

Value recovery and circularity
Ease of disassembling/Circularity instructions
- A recycler guide is available in SIOS.
- The avoidance of screws allows for easy, quick and non-destructive disassembly using standard tools, supporting the circular economy

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