



Here's LOGO!

LOGO! is a universal logic module made by Siemens.

LOGO! integrates

- Controls
- Operator and display panel with background lighting
- Power supply
- Interface for expansion modules
- Interface for the program module (card) and a PC cable
- Pre-configured standard functions, e.g. on- and off-delays, pulse relay and softkey
- Timer
- Digital and analog flags
- Inputs and outputs, according to the device type.

What LOGO! can do for you

LOGO! offers solutions for domestic and installation engineering (e.g. for stairway lighting, external lighting, sun blinds, shutters, shop window lighting etc.), switch cabinet engineering, as well as for mechanical and apparatus engineering (e.g. for gate control systems, air-conditioning systems, or rainwater pumps etc.).

Which devices are available?

LOGO! Basic is available in two voltage classes:

- Class 1 ~ 24 V, i.e. 12V DC, 24V DC, 24V AC
- Class 2 > 24 V, i.e. 115.. .240 V AC/DC,

in the versions:

- With display: 8 inputs and 4 outputs.
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Which expansion modules are available?

- LOGO! digital modules DM8... are available for operation with 12 V DC, 24 V AC/DC and 115.. .240 V AC/DC, and are equipped with four inputs and four outputs.
- LOGO! digital modules DM16... are available for operation with 24 V DC and 115.. .240 V AC/DC, and are equipped with eight inputs and eight outputs.
- LOGO! analog modules are available for operation with 24 V DC and (some) with 12 V DC, and are equipped with two analog inputs or two Pt1 00 inputs or two analog outputs.

Which communication modules are available?

- LOGO! communication module (CM) AS interface, that is described in more detail in a separate documentation.

The communication module has four virtual inputs and outputs, and acts as an interface between an AS-Interface system and a LOGO! system. The module enables four data bits to be transferred from the LOGO! Basic to the AS-Interface system and vice versa.

- LOGO! communication module (CM) EIB/KNX, that is described in more detail in a separate documentation.

CM EIB/KNX is a communication module (CM) for connecting the LOGO! to the *EIB*.

As an interface to *EIB*, CM EIB/KNX makes it possible to communicate with other *EIB* devices. To do this, you store a configuration in the CM EIB/KNX that specifies the inputs/outputs of the LOGO! to the *EIB* bus that are to be mapped. You can interconnect the corresponding inputs/outputs using LOGO! Functions

Note

Each LOGO! Basic provides the following connections for the creation of the circuit program, regardless of the number of connected modules:

- Digital inputs I1 to I24
- Analog inputs AI1 to AI8
- Digital outputs Q1 to Q16
- Analog outputs AQ1 and AQ2
- Digital flag blocks M1 to M24, M8: Startup flag
- Analog flag blocks AM1 to AM6
- Shift register bits S1 to S8
- 4 cursor keys
- 16 blank outputs X1 to X16.