

Control and automation devices



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Logic and control functions		
	IP control device	Scene / event controller
		
Type	N 152/01	N 305/01
Application program	983501	750006
Enclosure data		
Modular installation devices for mounting on TH35 EN 60715 mounting rail		
Width (1 MW = 18 mm)	4 MW	1 MW
Ethernet connection via RJ45 socket	■	
Power supply		
Bus-powered electronics		■
Electronics powered via an external power supply unit [V]	DC 12...30	
Bus connection		
Integrated bus coupling units	■	■
Bus connection via bus terminal	■	■
Bus connection via contact system to data rail		■
Functions		
Logic gate	1.000	
Scheduled entries	300 ¹⁾	
Master clock (time source)	■ ²⁾	
Event entries	5.000 ³⁾	80 ⁴⁾
Scenes	5.000 ³⁾	8
Effect control	5.000 ³⁾	
Alarms	250	
Email contacts	20	

¹⁾ Per week

²⁾ Via time server

³⁾ The sum of event entries, scenes and effects can be 5.000 maximum

⁴⁾ 10 entries per trip unit (8)

Programmable logic controllers

LOGO! 8 Basic modules

LOGO! 8 Expansion modules



LOGO! CIM	LOGO! CMK2000	LOGO! 12/24 RCE	LOGO! 230 RCE	LOGO! 12/24 RCEo	LOGO! 230 RCEo	LOGO! DM8 12/24 R	LOGO! DM8 230 R	LOGO! DM16 24 R	LOGO! DM16 230 R	LOGO! AM2	LOGO! AM2 RTD	LOGO! AM2 AQ
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Type

Enclosure data

Dimensions

• Width [mm] (1 MW = 18 mm)	4 MW	4 MW	4 MW	4 MW	4 MW	4 MW	2 MW	2 MW	4 MW	4 MW	2 MW	2 MW	2 MW
• Height [mm]	90	90	90	90	90	90	90	90	90	90	90	90	90
• Depth [mm]	58.5	58.5	60	60	60	60	58	58	60	60	58	58	58

Power supply

Power supply AC/DC 115...230 V				■		■		■		■			
Power supply DC 12...24 V			■		■		■				■	■	
Power supply DC 24 V	■	■							■				■

Inputs

Control inputs

• Digital input			8 (4) ¹⁾	8	8 (4) ¹⁾	8	4	4	8	8			
• Analog input (0...10 V)			up to 4		up to 4								
• Analog input (0...10 V or 0/4...20 mA)											2 ²⁾		

Sensor inputs

Temperature sensor input PT100 and/or PT1000 automatic detection												2	
Measuring range [°C]												-50... +200 ³⁾	

Outputs

Digital output, relays			4	4	4	4	4	4	8	8			
Analog output (0...10 V or 0/4...20 mA)													2 ²⁾
Rated current [A] resistive load/ inductive load			10/ 3	10/ 3	10/ 3	10/ 3	5/ 3	5/ 3	5/ 3	5/ 3			
LCD display, 6 lines			■	■									
Cursor keys			■	■									
Ethernet interface	■	■	■	■	■	■							
Modbus TCP/IP (client/ server) ⁴⁾	■		■	■	■	■							
Time synchronisation via NTP (client and server) ⁴⁾	■		■	■	■	■							
Integrated web server	■		■	■	■	■							
Cloud connection (AWS)	■		■	■	■	■							
Modbus RTU	■												
GPS/GNSS	■												

¹⁾ 8 digital inputs, of which 4 can be used as analog inputs 0...10 V

²⁾ resolution 10 bit

³⁾ resolution 0,25°C

⁴⁾ function is available in basic modules issue status FS:04 and higher

N 152/01



KNX IP Control Center

Visualisation controller for full-graphic visualizations on web-compatible end devices such as PCs, tablets and smart phones with a standard web browser.

For communication between KNX devices and PCs and, in connection with a LAN-/WLAN modem or DSL router, for remote access to a KNX installation, for usage as an interface for the ETS 3/4/5 and as an interface for a visualization, with usage of the KNXnet/IP protocol, with the following simultaneously usable functions:

- Web server for operating and monitoring up to 1250 statuses and values transmitted by the KNX network, which can be displayed using a standard browser on PCs, tablets, or smartphones connected to the IP network
- Special web-configuration page for a firmware update, to set the IP configuration, SMTP server, security settings, password protection, certificates, Sonos module, API connection and restart
- Graphical web editor for a creation of fully graphical visualization with control and display elements, configurable in various styles
- Smart editor for the creation of a visualisation, tuned for mobile browsers, smartphones, tablets with control and display elements, configurable in various styles and layouts
- Annual timer, with astronomical calendar, for 300 time switch schedules with up to 30 time switch commands per time switch schedule
- Scene module with up to 5000 scenes or events
- Chart module for recording and reporting of up to 10 data points
- Monitoring module for monitoring and storage of up to 1000 events into a ring buffer
- IP interface for control of up to 20 IP-devices via up to 20 TCP/UDP commands per IP-device
- Fully graphical logic module with up to 1000 logic functions
- Alarm function for up to 250 different alarms
- E-mail function, with up to 20 contacts, for transmission of chart data from chart module, logged data from monitoring module or alarm data
- Data point management for viewing, managing, editing and categorizing all available data points
- Module for controlling SONOS loudspeakers
- Module for controlling the Philips HUE LED lighting system
- Ethernet interface 10/100 Mbits/s with RJ45 socket for connection to the IP network using the Internet Protocol
- 2 LED displays for IP connection/communication and for error messages
- Integrated bus connector and bus terminal for connection to a KNX network
- Power supply of the electronics by an external voltage source for AC/DC 24 V, 50 mA
- Series installation device for mounting on support rails TH35 DIN EN 60715

Data sheet

A6V10417875

Dimensions (W x H x D)

72 x 90 x 60 mm

Dimension width (1 MW = 18 mm)

4 MW

Warranty

24 Months

Stock no.

Product no.

5WG1152-1AB01

N 152/01

Accessories for N 152/01

Product Title	Stock no.	Product no.
LOGO! Power 24 V/1.3 A	6EP3331-6SB00-0AY0	LOGO!POWER 24 V/1,3 A

KNX Scene-/Event Controller

- 80 Event entries, 8 Event trigger, Sequence control
- 1-bit-/8-bit integrated scene control, 8 scenes to be integrated
- Bus-powered electronics
- Integrated bus coupling units, bus connection via bus terminal or contact system to data rail
- Modular installation devices for mounting on TH35 EN 60715 mounting rail

Data sheet	A6V10416128
Dimensions (W x H x D)	18 x 90 x 60 mm
Dimension width (1 MW = 18 mm)	1 MW
Warranty	24 Months

N 305/01



	Stock no.	Product no.
	5WG1305-1AB01	N 305/01

LOGO! CMK2000



Communication Module LOGO! CMK2000

- For communication between LOGO! 8 and KNX devices via the KNX bus
- Transformation of typical PLC signals into KNX telegrams and vice versa
- Linking transmitted KNX data points and LOGO! inputs and outputs via logic and control functions through LOGO!
- The following channels are available at the maximum configuration level of the LOGO!:
 - 24 binary inputs
 - 20 binary outputs
 - 8 analog inputs
 - 8 analog outputs
- Date and time can be synchronized via KNX
- 50 configurable communication objects
- Communication via Ethernet with LOGO! 8

Data sheet A6V11642346
Dimension width (1 MW = 18 mm) 4 MW

Stock no.	Product no.
6BK1700-0BA20-0AA0	LOGO! CMK2000

LOGO! CSM 12/24



Communication Module LOGO! CSM 12/24

- Connect LOGO! and up to three additional devices to an Ethernet network with 10/100 Mbps in line, tree, or star topology
- Unmanaged 4-port switch, one port at the front for easy diagnostic access
- Easy connection via four RJ45 connectors
- Cost-efficient solution to realize small, local Ethernet networks, also stand-alone
- Power supply DC 12/24 V

Dimension width (1 MW = 18 mm) 4 MW

Stock no.	Product no.
6GK7177-1MA20-0AA0	LOGO! CSM 12/24

Expansion Module LOGO! DM8 12/24 R

- Power supply DC 12...24 V
- 4 digital inputs DC 12...24 V
- 4 floating relay contacts 5 A

Dimension width (1 MW = 18 mm)

2 MW

LOGO! DM8 12/24 R



Stock no.

Product no.

6ED1055-1MB00-0BA2

LOGO! DM8 12/24 R

Expansion Module LOGO! DM16 24 R

- Power supply DC 24 V
- 8 digital inputs DC 24 V
- 8 floating relay contacts 5 A

Dimension width (1 MW = 18 mm)

4 MW

LOGO! DM16 24 R



Stock no.

Product no.

6ED1055-1NB10-0BA2

LOGO! DM16 24 R

Expansion Modules

Power supply AC/DC 115...230 V

LOGO! DM..230 R

Expansion Modules LOGO! DM 8 230 R

- Power supply AC/DC 115...230 V
- 4 digital inputs AC/DC 115...230 V
- 4 floating relay contacts 5 A

Dimension width (1 MW = 18 mm)

2 MW

LOGO! DM 8 230 R



Stock no.

Product no.

6ED1055-1FB00-0BA2

LOGO! DM 8 230 R

Control and automation devices

Programmable logic controllers

LOGO! 8 Expansion modules

LOGO! DM 16 230 R



Expansion Module LOGO! DM 16 230 R

- Power supply AC/DC 115...230 V
- 8 digital inputs AC/DC 115...230 V
- 8 floating relay contacts 5 A

Dimension width (1 MW = 18 mm) 4 MW

Stock no.	Product no.
6ED1055-1FB10-0BA2	LOGO! DM 16 230 R

LOGO! AM2



Expansion Module LOGO! AM2

- Power supply DC 12...24 V
- 2 analog inputs 0...10 V or 0/4...20 mA, resolution 10 bit

Dimension width (1 MW = 18 mm) 2 MW

Stock no.	Product no.
6ED1055-1MA00-0BA2	LOGO! AM2

LOGO! AM2 RTD



Expansion Module LOGO! AM2 RTD

- Power supply DC 12...24 V
- 2 analog inputs PT 100/1000, temperature range -50 °C...200 °C

Dimension width (1 MW = 18 mm) 2 MW

Stock no.	Product no.
6ED1055-1MD00-0BA2	LOGO! AM2 RTD

Expansion Module LOGO! AM2 AQ

- Power supply DC 24 V
- 2 analog outputs 0...10 V or 0/4...20 mA, resolution 10 bit

Dimension width (1 MW = 18 mm) 2 MW

LOGO! AM2 AQ



Stock no.	Product no.
6ED1055-1MM00-0BA2	LOGO! AM2 AQ

Control and automation devices

Programmable logic controllers

LOGO! Power

LOGO!POWER 12 V/
0,9 A



LOGO! Power 12 V/0.9 A

- Controlled power supply 12 V/ DC 0.9 A
- For connection to a 1-phase AC system
- Rated input voltage AC 100...240 V wide-range input
- Range input voltage AC 85...264 V/DC 110...300 V
- Nominal output voltage DC 12 V
- Nominal output current 0.9 A
- Efficiency during operation at rated value typ. 78 %
- Power loss < 0.3 Watt
- Ambient temperature -25...70 °C
- Protection class II, Degree of protection: IP20
- Potential separation SELV acc. to EN 60950 and EN 50178
- Emitted interference class B acc. to EN 55022
- Approval acc. to CE, cULus, cURus, NEC Class 2, FM, ATEX
- Marine approval DNV GL, ABS

Dimension width (1 MW = 18 mm) 1 MW

Stock no.	Product no.
6EP3320-6SB00-0AY0	LOGO!POWER 12 V/0,9 A

LOGO!POWER 12 V/
1,9 A



LOGO! Power 12 V/1.9 A

- Controlled power supply DC 12 V/1.9 A
- For connection to a 1-phase AC system
- Rated input voltage AC 100...240 V wide-range input
- Range input voltage AC 85...264 V/DC 110...300 V
- Nominal output voltage DC 12 V, setting range 10.5...16.1 V
- Nominal output current 1.9 A
- Measuring point for output voltage
- Efficiency during operation at rated value typ. 81 %
- Power loss < 0.3 Watt
- Ambient temperature -25...70 °C
- Protection class II, Degree of protection: IP20
- Potential separation SELV acc. to EN 60950 and EN 50178
- Emitted interference class B acc. to EN 55022
- Approval acc. to CE, cULus, cURus, NEC Class 2, FM, ATEX
- Marine approval DNV GL, ABS

Dimension width (1 MW = 18 mm) 2 MW

Stock no.	Product no.
6EP3321-6SB00-0AY0	LOGO!POWER 12 V/1,9 A

LOGO! Power 12 V/4.5 A

- Controlled power supply DC 12 V/4.5 A
- For connection to a 1-phase AC system
- Rated input voltage AC 100...240 V wide-range input
- Range input voltage AC 85...264 V/DC 110...300 V
- Nominal output voltage DC 12 V, setting range 10.5...16.1 V
- Nominal output current 4.5 A
- Measuring point for output voltage
- Efficiency during operation at rated value typ. 87 %
- Power loss < 0.3 Watt
- Ambient temperature -25...70 °C
- Protection class II, Degree of protection: IP20
- Potential separation SELV acc. to EN 60950 and EN 50178
- Emitted interference class B acc. to EN 55022
- Approval acc. to CE, cULus, cURus, NEC Class 2, FM, ATEX
- Marine approval DNV GL, ABS

Dimension width (1 MW = 18 mm)

3 MW

LOGO!POWER 12 V/ 4,5 A



Stock no.

Product no.

6EP3322-6SB00-0AY0

LOGO!POWER 12 V/4,5 A

LOGO! Power 24 V/0.6 A

- Controlled power supply DC 24 V/0.6 A
- For connection to a 1-phase AC system
- Rated input voltage AC 100...240 V wide-range input
- Range input voltage AC 85...264 V/DC 110...300 V
- Nominal output voltage DC 24 V
- Nominal output current 0.6 A
- Efficiency during operation at rated value typ. 81 %
- Power loss < 0.3 Watt
- Ambient temperature -25...70 °C
- Protection class II, Degree of protection: IP20
- Potential separation SELV acc. to EN 60950 and EN 50178
- Emitted interference class B acc. to EN 55022
- Approval acc. to CE, cULus, cURus, NEC Class 2, FM, ATEX
- Marine approval DNV GL, BV, LRS, ABS

Dimension width (1 MW = 18 mm)

1 MW

LOGO!POWER 24 V/ 0,6 A



Stock no.

Product no.

6EP3330-6SB00-0AY0

LOGO!POWER 24 V/0,6 A

LOGO!POWER 24 V/
1,3 A



LOGO! Power 24 V/1.3 A

- Controlled power supply DC 24 V/1.3 A
- For connection to a 1-phase AC system
- Rated input voltage AC 100...240 V wide-range input
- Range input voltage AC 85...264 V/DC 110...300 V
- Nominal output voltage DC 24 V, setting range DC 22.2...26.4 V
- Nominal output current 1.3 A
- Measuring point for output voltage
- Efficiency typ. 86 %
- Power loss - less than 0.3 Wattt
- Ambient temperature -25...70 °C
- Protection class II, Degree of protection: IP20
- Potential separation SELV acc. to EN 60950 and EN 50178
- Emitted interference class B acc. to EN 55022
- Approval acc. to CE, cULus, cURus, NEC Class 2, FM, ATEX
- Marine approval DNV GL, BV, LRS, ABS

Dimension width (1 MW = 18 mm) 2 MW

Stock no.	Product no.
6EP3331-6SB00-0AY0	LOGO!POWER 24 V/1,3 A

LOGO!POWER 24 V/
2,5 A



LOGO! Power 24 V/2.5 A

- Controlled power supply DC 24 V/2.5 A
- For connection to a 1-phase AC system
- Rated input voltage AC 100...240 V wide-range input
- Range input voltage AC 85...264 V/DC 110...300 V
- Nominal output voltage DC 24 V, setting range DC 22.2...26.4 V
- Nominal output current 2.5 A
- Measuring point for output voltage
- Efficiency typ. 90 %
- Power loss < 0.3 Watt
- Ambient temperature -25...70 °C
- Protection class II, Degree of protection: IP20
- Potential separation SELV acc. to EN 60950 and EN 50178
- Emitted interference class B acc. to EN 55022
- Approval acc. to CE, cULus, cURus, NEC Class 2, FM, ATEX
- Marine approval DNV GL, BV, LRS, ABS

Dimension width (1 MW = 18 mm) 3 MW

Stock no.	Product no.
6EP3332-6SB00-0AY0	LOGO!POWER 24 V/2,5 A

LOGO! Power 24 V/4 A

- Controlled power supply DC 24 V/4 A
- For connection to a 1-phase AC system
- Rated input voltage AC 100...240 V wide-range input
- Range input voltage AC 85...264 V/DC 110...300 V
- Nominal output voltage DC 24 V, setting range DC 22.2...26.4 V
- Nominal output current 4 A
- Measuring point for output voltage
- Efficiency typ. 89 %
- Power loss < 0.3 Watt
- Ambient temperature -25...70 °C
- Protection class II, Degree of protection: IP20
- Potential separation SELV acc. to EN 60950 and EN 50178
- Emitted interference class B acc. to EN 55022
- Approval acc. to CE, cULus, cURus, FM, ATEX
- Marine approval DNV GL, BV, LRS, ABS

Dimension width (1 MW = 18 mm)

4 MW

LOGO!POWER 24 V/ 4 A



Stock no.	Product no.
6EP3333-65B00-0AY0	LOGO!POWER 24 V/4 A

Accessories for programmable logic controllers LOGO!

Product Title	Product Description	Stock no.	Product no.
LOGO! 8 12/24 V Starter Kit	LOGO! 12/24 RCE, LOGO! Power 24 V, 1,3 A	6ED1057-3BA01-0AA8	LOGO! 8 12/24 V Starter Kit
LOGO! 8 230 V Starter Kit	LOGO! 230 RCE	6ED1057-3BA03-0AA8	LOGO! 8 230 V Starter Kit
LOGO! 8 TDE Starter Kit	LOGO! 12/24 RCEo, LOGO! Power 24 V, 1,3 A, LOGO! TDE	6ED1057-3BA11-0AA8	LOGO! 8 TDE Starter Kit
LOGO! 8 12/24 V + KP300 Basic Starter Kit	LOGO! 12/24 RCE, LOGO! Power 24 V, 1,3 A, SIMATIC HMI KP300 Basic mono PN	6AV2132-0HA00-0AA1	LOGO! 8 12/24 V + KP300
LOGO! 8 12/24 V + KTP400 Basic Starter Kit	LOGO! 12/24 RCE, LOGO! Power 24 V, 1,3 A, SIMATIC HMI KTP400 Basic	6AV2132-0KA00-0AA1	LOGO! 8 12/24 V + KTP400
LOGO! 8 12/24 V + KTP700 Basic Starter Kit	LOGO! 12/24 RCE, LOGO! Power 24 V, 1,3 A, SIMATIC HMI KTP700 Basic	6AV2132-3GB00-0AA1	LOGO! 8 12/24 V + KTP700
LOGO! Soft Comfort V8	for Windows 8, 7, XP, Linux and Mac OSX, on DVD, downwards compatible	6ED1058-0BA08-0YA1	LOGO! Soft Comfort V8

