

LOGO! logic module

LOGO! modular

LOGO! modular expansion modules**Technical specifications (continued)**

Article number	6ED1055-1CB10-0BA2 LOGO! DM16 24 EXP. MOD., 4DU, 8DI/8DO	6ED1055-1NB10-0BA2 LOGO! DM16 24R EXP. MOD. 4DU, 8DI/8DO	6ED1055-1FB10-0BA2 LOGO! DM16 230R EXP. MOD. 4DU, 8DI/8DO
Standards, approvals, certificates			
CSA approval	Yes	Yes	Yes
UL approval	Yes	Yes	Yes
FM approval	Yes	Yes	Yes
Developed in accordance with IEC 61131	Yes	Yes	Yes
according to VDE 0631	Yes	Yes	Yes
Marine approval			
• Marine approval	Yes	Yes	Yes
Ambient conditions			
Ambient temperature in operation			
• Min.	0 °C	0 °C	0 °C
• max.	55 °C	55 °C	55 °C
Dimensions			
Width	71.5 mm	71.5 mm	71.5 mm
Height	90 mm	90 mm	90 mm
Depth	58 mm	58 mm	58 mm
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Article number	6ED1055-1MA00-0BA2 LOGO! AM2 EXP. MOD., 12/24V, 2AI	6ED1055-1MD00-0BA2 LOGO! AM2 RDT, 2AI, -50..+200DECR/C	
Product type designation			
Installation type/mounting			
Mounting	on 35 mm DIN rail, 2 spacing units wide		on 35 mm DIN rail, 2 spacing units wide
Supply voltage			
Rated value (DC)			
• 12 V DC	Yes; 10.8V DC to 28.8V DC		Yes; 10.8V DC to 28.8V DC
• 24 V DC	Yes; 10.8V DC to 28.8V DC		Yes; 10.8V DC to 28.8V DC
Analog inputs			
Number of analog inputs	2		2; 2 or 3 wire connection
Input ranges			
• Voltage	Yes		No
• Current	Yes		No
• Resistance thermometer	No		Yes; For PT100/PT1000 sensors
Input ranges (rated values), voltages			
• 0 to +10 V	Yes		No
Input ranges (rated values), currents			
• 0 to 20 mA	Yes		No
Input ranges (rated values), resistance thermometer			
• Pt 100	No		Yes
EMC			
Emission of radio interference acc. to EN 55 011			
• Limit class B, for use in residential areas	Yes		Yes
Degree and class of protection			
Degree of protection to EN 60529			
• IP20	Yes		Yes

Technical specifications (continued)

Article number	6ED1055-1MA00-0BA2 LOGO! AM2 EXP. MOD., 12/24V, 2AI	6ED1055-1MD00-0BA2 LOGO! AM2 RDT, 2AI, -50..+200DECR/C
Standards, approvals, certificates		
CSA approval	Yes	Yes
UL approval	Yes	Yes
FM approval	Yes	Yes
Developed in accordance with IEC 61131	Yes	Yes
according to VDE 0631	Yes	
Marine approval		
• Marine approval	Yes	Yes
Ambient conditions		
Ambient temperature in operation		
• Min.	0 °C	0 °C
• max.	55 °C	55 °C
Dimensions		
Width	35.5 mm	35.5 mm
Height	90 mm	90 mm
Depth	58 mm	58 mm

Article number	6ED1055-1MM00-0BA2 LOGO! AM2 AQ, 2AQ, 0-10V, 0/4-20MA
Product type designation	
Installation type/mounting	
Mounting	on 35 mm DIN rail, 2 spacing units wide
Supply voltage	
Rated value (DC)	
• 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 acc. to EN 55 011	
• Limit class B, for use in residential areas	Yes
Degree and class of protection	
Degree of protection to EN 60529	
• IP20	Yes

Article number	6ED1055-1MM00-0BA2 LOGO! AM2 AQ, 2AQ, 0-10V, 0/4-20MA
Standards, approvals, certificates	
CSA approval	Yes
UL approval	Yes
FM approval	Yes
Developed in accordance with IEC 61131	Yes
according to VDE 0631	Yes
Marine approval	
• Marine approval	Yes
Ambient conditions	
Ambient temperature in operation	
• Min.	0 °C
• max.	55 °C
Dimensions	
Width	35.5 mm
Height	90 mm
Depth	58 mm

LOGO! logic module

LOGO! modular

LOGO! modular expansion modules

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Ordering data	Article No.	Article No.
LOGO! 8 expansion modules		
LOGO! DM8 24 24 V DC supply voltage, 4 digital inputs 24 V DC, 4 digital outputs 24 V DC, 0.3 A	6ED1055-1CB00-0BA2	LOGO! DM8 24R 24 V AC/DC supply voltage, 4 digital inputs 24 V AC/DC, 4 relay outputs 5 A
LOGO! DM16 24 24 V DC supply voltage, 8 digital inputs 24 V DC, 8 digital outputs 24 V DC, 0.3 A	6ED1055-1CB10-0BA2	LOGO! DM16 24R 24 V DC supply voltage, 8 digital inputs 24 V DC, 8 relay outputs 5 A
LOGO! DM8 12/24R 12...24 V DC supply voltage, 4 digital inputs 12...24 V DC, 4 relay outputs 5 A	6ED1055-1MB00-0BA2	LOGO! DM8 230R 115/230 V AC/DC supply voltage, 4 digital inputs 115/230 V AC/DC, 4 relay outputs 5 A
LOGO! DM8 24R 24 V AC/DC supply voltage, 4 digital inputs 24 V AC/DC, 4 relay outputs 5 A	6ED1055-1HB00-0BA2	LOGO! DM16 230R 115/230 V AC/DC supply voltage, 8 digital inputs 115/230 V AC/DC, 8 relay outputs 5 A
LOGO! DM16 24R 24 V DC supply voltage, 8 digital inputs 24 V DC, 8 relay outputs 5 A	6ED1055-1NB10-0BA2	LOGO! AM2 12/24 V DC supply voltage, 2 analog inputs 0 to 10 V or 0 to 20 mA, 10-bit resolution
LOGO! DM8 230R 115...230 V AC/DC supply voltage, 4 digital inputs 115...230 V AC/DC, 4 relay outputs 5 A	6ED1055-1FB00-0BA2	LOGO! AM2 PT 100 12/24 V DC supply voltage, 2 analog inputs Pt100, temperature range -50 °C ... 200 °C
LOGO! DM16 230R 115...230 V AC/DC supply voltage, 8 digital inputs 115...230 V AC/DC, 8 relay outputs 5 A	6ED1055-1FB10-0BA2	LOGO! AM2 AQ 24 V DC supply voltage, 2 analog outputs 0 to 10 V, 0/4 to 20 mA
LOGO! AM2 12...24 V DC supply voltage, 2 analog inputs 0 to 10 V or 0 to 20 mA, resolution 10 bits	6ED1055-1MA00-0BA2	Accessories for LOGO! 8
LOGO! AM2 PT 100 12...24 V DC supply voltage, 2 analog inputs Pt100, temperature range -50 °C to 200 °C	6ED1055-1MD00-0BA2	LOGO!Soft Comfort V8 For programming on the PC in LAD/FBD; executes on Windows 8, 7, XP, Linux and Mac OSX; on DVD
LOGO! AM2 AQ 24 V DC supply voltage, 2 analog outputs 0 to 10 V, 0/4 to 20 mA	6ED1055-1MM00-0BA2	LOGO!Soft Comfort V8 Upgrade Upgrade from V1.0 to V8, on DVD
LOGO! 6 expansion modules		Accessories for LOGO! 6
LOGO! DM8 24 24 V DC supply voltage, 4 digital inputs 24 V DC, 4 digital outputs 24 V DC, 0.3 A	6ED1055-1CB00-0BA0	LOGO! Memory Card For copying, with know-how protection
LOGO! DM16 24 24 V DC supply voltage, 8 digital inputs 24 V DC, 8 digital outputs 24 V DC, 0.3 A	6ED1055-1CB10-0BA0	LOGO!Soft Comfort V8 For programming on the PC in LAD/FBD; executes on Windows 8, 7, XP, Linux and Mac OSX; on DVD
LOGO! DM8 12/24R 12/24 V DC supply voltage, 4 digital inputs 12/24 V DC, 4 relay outputs 5 A	6ED1055-1MB00-0BA1	LOGO!Soft Comfort V8 Upgrade Upgrade from V1.0 to V8, on DVD
		LOGO! PC cable For program transfer between LOGO! and the PC