

## LOGO! Logic Modules

### LOGO! basic and expansion modules

#### LOGO! expansion modules

##### Technical specifications (continued)

Article number	<b>6ED1055-1CB10-0BA2</b> LOGO! DM16 24 Exp. mod., 4 MW, 8DI/8DQ	<b>6ED1055-1NB10-0BA2</b> LOGO! DM16 24R Exp. mod. 4 MW, 8DI/8DQ	<b>6ED1055-1FB10-0BA2</b> LOGO! DM16 230R Exp. mod. 4 MW, 8DI/8DQ
<b>EMC</b>			
<b>Emission of radio interference acc. to EN 55 011</b>			
• Limit class B, for use in residential areas	Yes	Yes	Yes
<b>Degree and class of protection</b>			
Degree of protection acc. to EN 60529			
• IP20	Yes	Yes	Yes
<b>Standards, approvals, certificates</b>			
CE mark	Yes	Yes	Yes
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	Yes	Yes	Yes
<b>Ambient conditions</b>			
<b>Ambient temperature during operation</b>			
• min.	0 °C; ES03 and higher: -20 °C	0 °C; ES03 and higher: -20 °C	0 °C; ES03 and higher: -20 °C
• max.	55 °C	55 °C	55 °C
<b>Dimensions</b>			
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	<b>6ED1055-1MA00-0BA2</b> LOGO! AM2 Exp. mod., 12/24V, 2AI,	<b>6ED1055-1MD00-0BA2</b> LOGO! AM2 RDT, 2AI, -50..+200°C	
<b>Installation type/mounting</b>			
Mounting	on 35 mm DIN rail, 2 spacing units wide		on 35 mm DIN rail, 2 spacing units wide
<b>Supply voltage</b>			
Rated value (DC)			
• 12 V DC	Yes; 10.8 V DC to 28.8 V DC		Yes; 10.8 V DC to 28.8 V DC
• 24 V DC	Yes; 10.8 V DC to 28.8 V DC		Yes; 10.8 V DC to 28.8 V DC
<b>Analog inputs</b>			
Number of analog inputs	2		2; 2 or 3 wire connection
<b>Input ranges</b>			
• Voltage	Yes		No
• Current	Yes		No
• Resistance thermometer	No		Yes; For PT100/PT1000 sensors
<b>Input ranges (rated values), voltages</b>			
• 0 to +10 V	Yes		No
<b>Input ranges (rated values), currents</b>			
• 0 to 20 mA	Yes; 0 mA or 4 mA to 20 mA		No
<b>Input ranges (rated values), resistance thermometer</b>			
• Pt 100	No		Yes
<b>EMC</b>			
<b>Emission of radio interference acc. to EN 55 011</b>			
• Limit class B, for use in residential areas	Yes		Yes
<b>Degree and class of protection</b>			
Degree of protection acc. to EN 60529			
• IP20	Yes		Yes

**Technical specifications** (continued)

Article number	<b>6ED1055-1MA00-0BA2</b> LOGO! AM2 Exp. mod., 12/24V, 2AI,	<b>6ED1055-1MD00-0BA2</b> LOGO! AM2 RDT, 2AI, -50..+200°C
<b>Standards, approvals, certificates</b>		
CE mark	Yes	Yes
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	Yes	Yes
<b>Ambient conditions</b>		
<b>Ambient temperature during operation</b>		
• min.	0 °C; ES03 and higher: -20 °C	0 °C; ES03 and higher: -20 °C
• max.	55 °C	55 °C
<b>Dimensions</b>		
Width	35.5 mm	35.5 mm
Height	90 mm	90 mm
Depth	58 mm	58 mm

Article number	<b>6ED1055-1MM00-0BA2</b> LOGO! AM2 AQ, 2AQ, 0-10V, 0/4-20mA
<b>Installation type/mounting</b>	
Mounting	on 35 mm DIN rail, 2 spacing units wide
<b>Supply voltage</b>	
Rated value (DC)	
• 12 V DC	No
• 24 V DC	Yes
<b>Analog outputs</b>	
Number of analog outputs	2
<b>Output ranges, voltage</b>	
• 0 to 10 V	Yes
<b>Output ranges, current</b>	
• 0 to 20 mA	Yes
• 4 mA to 20 mA	Yes
<b>EMC</b>	
<b>Emission of radio interference acc. to EN 55 011</b>	
• Limit class B, for use in residential areas	Yes
<b>Degree and class of protection</b>	
Degree of protection acc. to EN 60529	
• IP20	Yes

Article number	<b>6ED1055-1MM00-0BA2</b> LOGO! AM2 AQ, 2AQ, 0-10V, 0/4-20mA
<b>Standards, approvals, certificates</b>	
CE mark	Yes
CSA approval	Yes
UL approval	Yes
FM approval	Yes
developed in accordance with IEC 61131	Yes
according to VDE 0631	Yes
Marine approval	Yes
<b>Ambient conditions</b>	
<b>Ambient temperature during operation</b>	
• min.	0 °C; ES03 and higher: -20 °C
• max.	55 °C
<b>Dimensions</b>	
Width	35.5 mm
Height	90 mm
Depth	58 mm