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Datasheet 6ED1055-1CB00-0BA2

LOGO! DM8 24 EXPANSION MODULE, PU/I/O: 24V/24V/TRANS., 4 DI/4 DO FOR LOGO! 8

Installation type/mounting	
Mounting	on 35 mm DIN rail, 2 spacing units wide

Supply voltage	
24 V DC	Yes
permissible range, lower limit (DC)	20.4 V
permissible range, upper limit (DC)	28.8 V

Digital inputs	
Number of digital inputs	4
Input voltage	
• Type of input voltage	DC
• for signal "0"	< 5 V DC
• for signal "1"	> 12 V DC
Input current	
• for signal "0", max. (permissible quiescent current)	0.88 mA
• for signal "1", typ.	4 mA
Input delay (for rated value of input voltage)	
for standard inputs	
— at "0" to "1", max.	1.5 ms

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— at "1" to "0", max.	1.5 ms
Digital outputs	
Number of digital outputs	4
short-circuit protection	Yes
Output current	
• for signal "1" rated value	0.3 A
Parallel switching of 2 outputs	
• for increased power	No
Switching frequency	
• with resistive load, max.	10 Hz
• with inductive load, max.	0.5 Hz
Relay outputs	
Switching capacity of contacts	
— Thermal continuous current, max.	0.3 A
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
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	
Operating temperature	
• Min.	0 °C
• max.	55 °C
Dimensions	
Width	35.5 mm
Height	90 mm
Depth	58 mm
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