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Data sheet 6ED1055-1MB00-0BA1

LOGO! DM8 12/24R, EXP. MODULE PU/I/O: 12, 24V/12V/24V/RELAY, 2TE, 4 DI/4 DO

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

Supply voltage	
Rated value (DC)	
• 12 V DC	Yes
• 24 V DC	Yes
permissible range, lower limit (DC)	10.8 V
permissible range, upper limit (DC)	28.8 V

Digital inputs	
Number of digital inputs	4
Input voltage	
• Type of input voltage	DC

Digital outputs	
Number of digital outputs	4; Relays
Short-circuit protection	No
Output current	
• for signal "1" rated value	5 A
Relay outputs	

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Switching capacity of contacts	
— with inductive load, max.	3 A
— with resistive load, max.	5 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 acc. 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	
Ambient temperature during operation	
• min.	0 °C
• max.	55 °C

Dimensions	
Width	36 mm; 2 DU
Height	90 mm
Depth	55 mm

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