

LOGO! DM16 24, EXP. MODULE PU/I/O: 24V DC/24V DC/TRANS.,  
8 DI/8 DO, 4TE FOR LOGO! 8



### Installation type/mounting

Mounting on 35 mm DIN rail, 4 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	8
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)	0.85 mA
• for signal "1", typ.	3.5 mA

Input delay (for rated value of input voltage)	
for standard inputs	
— at "0" to "1", max.	1.5 ms

— at "1" to "0", max.

1.5 ms

### Digital outputs

Number of digital outputs	8
short-circuit protection	Yes
Controlling a digital input	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

### 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	71.5 mm
Height	90 mm
Depth	58 mm
<b>last modified:</b>	14.10.2014