



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

Installation type/mounting	
<b>Mounting</b>	on 35 mm DIN rail, 2 spacing units wide
Supply voltage	
<b>12 V DC</b>	Yes
<b>24 V DC</b>	Yes
<b>permissible range, lower limit (DC)</b>	10.8 V
<b>permissible range, upper limit (DC)</b>	28.8 V
Digital inputs	
<b>Number of digital inputs</b>	4
Input voltage	
<b>Type of input voltage</b>	DC
Digital outputs	
<b>Number of digital outputs</b>	4 ; Relays
<b>short-circuit protection</b>	No
Output current	
<b>for signal "1" rated value</b>	5 A
Relay outputs	
<b>Switching capacity of contacts</b>	

<b>with inductive load, max.</b>	3 A
<b>with resistive load, max.</b>	5 A
<b>EMC</b>	
<b>Emission of radio interference acc. to EN 55 011</b>	
<b>Emission of radio interference acc. to EN 55 011 (limit class B)</b>	Yes
<b>Degree and class of protection</b>	
<b>IP20</b>	Yes
<b>Standards, approvals, certificates</b>	
<b>CSA approval</b>	Yes
<b>UL approval</b>	Yes
<b>FM approval</b>	Yes
<b>Developed in accordance with IEC 61131</b>	Yes
<b>according to VDE 0631</b>	Yes
<b>Marine approval</b>	
<b>Marine approval</b>	Yes
<b>Ambient conditions</b>	
<b>Operating temperature</b>	
<b>Min.</b>	0 °C
<b>max.</b>	55 °C
<b>Dimensions</b>	
<b>Width</b>	36 mm ; 2 DU
<b>Height</b>	90 mm
<b>Depth</b>	55 mm
<b>Status</b>	Dec 30, 2013