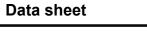
6ED1055-1FB00-0BA1





*** Spare part *** LOGO! DM8 230R expansion module, PS/I/O: 230 V/230 V/relay, 2 HP 4 DI/4 DO

Installation type/mounting		
Mounting	on 35 mm DIN rail, 2 spacing units wide	
Supply voltage		
Rated value (DC)		
• 115 V DC	Yes	
• 230 V DC	Yes	
permissible range, lower limit (DC)	100 V	
permissible range, upper limit (DC)	253 V	
Rated value (AC)		
• 115 V AC	Yes	
• 230 V AC	Yes	
Line frequency		
 permissible range, lower limit 	47 Hz	
permissible range, upper limit	63 Hz	
Digital inputs		
Number of digital inputs	4	
Input voltage		
Type of input voltage	AC/DC	
Input current		
for signal "0", max. (permissible quiescent current)	0.03 mA	
● for signal "1", typ.	0.08 mA	
Input delay (for rated value of input voltage)		
for standard inputs		
— at "0" to "1", max.	50 ms	
— at "1" to "0", max.	125 ms	
Digital outputs		
Number of digital outputs	4; Relays	
Short-circuit protection	No	
Output current		
for signal "1" rated value	5 A	
Parallel switching of two outputs		
for uprating	No	
Switching frequency		
 with resistive load, max. 	2 Hz	
with inductive load, max.	0.5 Hz	
mechanical, max.	10 Hz	
Relay outputs		
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		
IP degree of protection	IP20	
Standards, approvals, certificates		
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	
Ambient conditions		
Ambient temperature during operation		
• min.	0 °C	
• max.	55 °C	
Dimensions		
Width	36 mm; 2 DU	
Height	90 mm	
Depth	55 mm	

3/12/2021

last modified: