

SIEMENS

Product data sheet

6ED1055-1FB10-0BA0


LOGO! DM16 230R, EXP. MODULE,
PU/I/O: 230V/230V/RELAIS, 4TE, 8 DI/8 DO

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Installation type/mounting	
Mounting	on DIN rail 25 mm, 4 module spaces wide
Supply voltage	
115 V DC	Yes
230 V DC	Yes
permissible range, lower limit (DC)	100 V
permissible range, upper limit (DC)	253 V
115 V AC	Yes
230 V AC	Yes
Line frequency	
Frequency of the supply voltage	63 Hz
Digital inputs	
Number/binary inputs	8
Input voltage	
Type of input voltage	AC/DC

for signal "0"	< 40 V AC; < 30 V DC
for signal "1"	> 79 V AC; > 79 V 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.	50 ms
Digital outputs	
Number/binary outputs	8 ; Relay
Functionality/short-circuit strength	external fusing necessary
Lamp load, max.	1000 W ; 500 W at 115 V AC
Controlling a digital input	Yes
Output current	
for signal "1" rated value	5 A
Parallel switching of 2 outputs	
for increased power	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
Switching frequency/contacts/at ohmic load/maximum	5 A
EMC	
Emission of radio interference acc. to EN 55 011	
Emission of radio interference acc. to EN 55 011 (limit class B)	Yes
Degree and class of protection	
IP20	Yes
Standards, approvals, certificates	

CSA approval	Yes
UL approval	Yes
FM approval	Yes
Marine approval	Yes
Developed according to IEC 61131	Yes
according to VDE 0631	Yes
Ambient conditions	
Operating temperature	
Min.	0 °C
max.	55 °C
Dimensions	
Width	72 mm ; 4 WU
Height	90 mm
Depth	53 mm
Status	May 26, 2012

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