SIEMENS

Data sheet

6ED1055-1CB00-0BA2

LOGO! DM8 24 EXPANSION MODULE, PU/I/O: 24V/24V/TRANS., 4 DI/4 DO FOR LOGO! 8



Mounting	on 35 mm DIN rail, 2 spacing units wide	
upply voltage		
Rated value (DC)	Care and the second sec	_
• 24 V DC	Yes	
permissible range, lower limit (DC)	20.4 V	
permissible range, upper limit (DC)	28.8 V	
igital inputs		
Number of digital inputs	4	
nput voltage	and the second se	
 Type of input voltage 	DC	
• for signal "0"	< 5 V DC	
• for signal "1"	> 12 V DC	
nput current		
 for signal "0", max. (permissible quiescent current) 	0.88 mA	
● for signal "1", typ.	2.1 mA	

for standard inputs 1.5 ms - at "0" to "1", max. 1.5 ms - at "1" to "0", max. 1.5 ms Digital outputs 4 Number of digital outputs 4 Short-circuit protection Yes Output current 0.3 A • for signal "1" rated value 0.3 A Parallel switching of two outputs • • for uprating 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 acc. to EN 60529 • (P20 Yes Standards, approvals, certificates CSA approval CSA approval Yes FM approval Yes FM approval Yes Marine approval Yes Marine approval Yes Marine approval Yes
Digital outputs 4 Number of digital outputs 4 Short-circuit protection Yes Output current 0.3 A • for signal "1" rated value 0.3 A Parallel switching of two outputs • • for uprating 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 acc. to EN 60529 • IP20 Yes Standards, approvals, certificates CSA approval CSA approval Yes UL approval Yes FM approval Yes developed in accordance with IEC 61131 Yes according to VDE 0631 Yes Marine approval Yes
Number of digital outputs 4 Short-circuit protection Yes Output current 0.3 A Parallel switching of two outputs 0.3 A of or uprating No Switching frequency No 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 acc. to EN 60529 Yes • IP20 Yes Standards, approvals, certificates Yes UL approval Yes FM approval Yes Geveloped in accordance with IEC 61131 Yes developed in accordance with IEC 61131 Yes Marine approval Yes
Short-circuit protection Yes Output current 0.3 A Parallel switching of two outputs 0.3 A Parallel switching of two outputs 0.3 A Switching frequency No Switching frequency 0.4 Hz • 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 Peree of protection acc. to EN 60529 • IP20 Yes Standards, approvals, certificates CSA approval CSA approval Yes UL approval Yes FM approval Yes Matine approval Yes
Output current 0.3 A Parallel switching of two outputs 0.3 A Parallel switching frequency No Switching frequency 10 Hz • with resistive 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 Yes Standards, approvals, certificates Yes CSA approval Yes UL approval Yes FM approval Yes Marine approval Yes
• for signal "1" rated value 0.3 A Parallel switching of two outputs • • for uprating 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 Ves Standards, approvals, certificates Yes CSA approval Yes UL approval Yes FM approval Yes Geveloped in accordance with IEC 61131 Yes developed in accordance with IEC 61131 Yes Marine approval Yes
Parallel switching of two outputs No • for uprating No Switching frequency 10 Hz • with resistive 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 Pegree of protection acc. to EN 60529 • IP20 Yes Standards, approvals, certificates Yes UL approval Yes FM approval Yes FM approval Yes Marine approval Yes
• for uprating No Switching frequency 10 Hz • 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 Pegree of protection acc. to EN 60529 • IP20 Yes Standards, approvals, certificates Yes UL approval Yes FM approval Yes developed in accordance with IEC 61131 Yes according to VDE 0631 Yes Marine approval Yes
Switching frequency • with resistive load, max. • with inductive load, max. • Limit class B, for use in residential areas • Limit class B, for use in residential areas • Limit class B, for use in residential areas • Ves • IP20 • IP20 • IP20 • Standards, approvals, certificates CSA approval Yes UL approval Yes FM approval Yes developed in accordance with IEC 61131 <
• 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 Pegree of protection acc. to EN 60529 • IP20 Yes Standards, approvals, certificates Yes UL approval Yes FM approval Yes developed in accordance with IEC 61131 Yes developed in accordance with IEC 61131 Yes Marine approval Yes
• 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 Yes Degree of protection acc. to EN 60529 Yes • IP20 Yes Standards, approvals, certificates Yes CSA approval Yes UL approval Yes FM approval Yes developed in accordance with IEC 61131 Yes Marine approval Yes
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 Yes
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 Yes
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 Yes
Limit class B, for use in residential areas Pegree and class of protection Degree of protection acc. to EN 60529 IP20 Yes Standards, approvals, certificates CSA approval UL approval Yes Happroval Yes developed in accordance with IEC 61131 Yes Marine approval
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 Yes
Degree of protection acc. to EN 60529 Yes • IP20 Yes Standards, approvals, certificates 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
 IP20 Yes Standards, approvals, certificates CSA approval Ves UL approval FM approval Ves developed in accordance with IEC 61131 Ves according to VDE 0631 Ves Marine approval
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 Yes
CSA approvalYesUL approvalYesFM approvalYesdeveloped in accordance with IEC 61131Yesaccording to VDE 0631YesMarine approval
UL approvalYesFM approvalYesdeveloped in accordance with IEC 61131Yesaccording to VDE 0631YesMarine approvalYes
FM approval Yes developed in accordance with IEC 61131 Yes according to VDE 0631 Yes Marine approval Yes
developed in accordance with IEC 61131 Yes according to VDE 0631 Yes Marine approval Yes
according to VDE 0631 Yes Marine approval
Marine approval
Marine approval Yes
Ambient conditions
Ambient temperature during operation
• min. 0 °C
• max. 55 °C
Dimensions Width 35.5 mm
Height 90 mm
Depth 58 mm
last modified: 24.02.2016