MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6ED1055-1CB10-0BA0

LOGO! DM16 24 DIGITAL EXPANSION MODULE

Used with the applicable LOGO! modular expansion configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens official documentation applicable to 6ED1055-1CB10-0BA0

SIEMENS

Product data sheet 6ED1055-1CB10-0BA0



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

-

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/binary 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)	1 mA
for signal "1", typ.	2 mA
Input delay (for rated value of input voltage)	
for standard inputs	
at "0" to "1", max.	1.5 ms

© Copyright Siemens AG 2013

at "1" to "0", max.	1.5 ms
Digital outputs	
Number/binary outputs	8
Functionality/short-circuit strength	Yes ; electrical (1 A)
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
Relay outputs	
Switching capacity of contacts	
Thermal continuous current, max.	0.3 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	Feb 25, 2013

© Copyright Siemens AG 2013