

SIPLUS LOGO! DM8 12/24R -40 ... +70 DEGREES C STARTUP -25 DEGREES C WITH CONFORMAL COATING BASED ON 6ED1055-1MB00-0BA2 . EXP. MODULE PU/I/O: 12, 24V/12V/24V/RELAIS, 2TE, 4 DI/4 DO FOR LOGO! 8



Figure similar

Installation type/mounting	
Mounting	on 35 mm DIN rail, 2 spacing units wide
Supply voltage	
Rated value (DC)	
• 12 V DC	Yes
• 24 V DC	Yes
permissible range, lower limit (DC)	10.8 V
permissible range, upper limit (DC)	28.8 V
Digital inputs	
Number of digital inputs	4
Input voltage	
• Type of input voltage	DC
• for signal "0"	< 5 V DC
• for signal "1"	> 8.5 V
Input current	

<ul style="list-style-type: none"> • for signal "0", max. (permissible quiescent current) 	0.88 mA
<ul style="list-style-type: none"> • for signal "1", typ. 	4.2 mA
Input delay (for rated value of input voltage)	
for standard inputs	
— at "0" to "1", max.	1.5 ms
— at "1" to "0", max.	1.5 ms
Digital outputs	
Number of digital outputs	4; Relays
Short-circuit protection	No
Controlling a digital input	Yes
Switching capacity of the outputs	
<ul style="list-style-type: none"> • on lamp load, max. 	1 000 W
Output current	
<ul style="list-style-type: none"> • for signal "1" rated value 	5 A
<ul style="list-style-type: none"> • for signal "1" minimum load current 	100 mA
Parallel switching of two outputs	
<ul style="list-style-type: none"> • for uprating 	No
Switching frequency	
<ul style="list-style-type: none"> • with resistive load, max. 	2 Hz
<ul style="list-style-type: none"> • with inductive load, max. 	0.5 Hz
<ul style="list-style-type: none"> • 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	
<ul style="list-style-type: none"> • Limit class B, for use in residential areas 	Yes
Degree and class of protection	
Degree of protection acc. to EN 60529	
<ul style="list-style-type: none"> • IP20 	Yes
Standards, approvals, certificates	
developed in accordance with IEC 61131	Yes
Marine approval	
<ul style="list-style-type: none"> • Marine approval 	Yes
Ambient conditions	
Ambient temperature during operation	
<ul style="list-style-type: none"> • min. 	-40 °C; = Tmin; Startup @ -25 °C

• max.	70 °C; = Tmax; Tmax > +55 °C max. load 3 A per relay or max. total current 10 A
Ambient temperature during storage/transportation	
• min.	-40 °C
• max.	70 °C
Extended ambient conditions	
• At cold restart, min.	-25 °C
Relative humidity	
— With condensation, tested in accordance with IEC 60068-2-38, max.	100 %; RH incl. condensation / frost (no commissioning in bedewed state), horizontal installation
Resistance	
— against biologically active substances / conformity with EN 60721-3-3	Yes; Class 3B2 mold, fungus and dry rot spores (with the exception of fauna). The supplied connector covers must remain on the unused interfaces during operation!
— against chemically active substances / conformity with EN 60721-3-3	Yes; Class 3C4 (RH < 75%) incl. salt spray according to EN 60068-2-52 (degree of severity 3). The supplied connector covers must remain on the unused interfaces during operation!
— against mechanically active substances / conformity with EN 60721-3-3	Yes; Class 3S4 incl. sand, dust. The supplied connector covers must remain on the unused interfaces during operation!
Dimensions	
Width	35.5 mm
Height	90 mm
Depth	58 mm
last modified:	09/27/2016