

SIEMENS

Product data sheet

6AG1055-1HB00-2XB0

SIPLUS LOGO! DM8 24R -25 ... +70 DGR C BASED
ON 6ED1055-1HB00-0BA0

| Installation type/mounting | |
|------------------------------------------------------------------|--------------------------------------------------------------------------|
| Mounting | on 35 mm DIN rail, 2 spacing units wide |
| Supply voltage | |
| 24 V DC | Yes |
| permissible range, lower limit (DC) | 20.4 V ; ; 22 V @ > 55 °C |
| permissible range, upper limit (DC) | 28.8 V ; ; 27.5 V @ > 55 °C |
| 24 V AC | Yes |
| Digital inputs | |
| Number/binary inputs | 4 |
| Input voltage | |
| Type of input voltage | AC/DC |
| Digital outputs | |
| Number/binary outputs | 4 ; Relay |
| Functionality/short-circuit strength | No ; external fusing necessary |
| Output current | |
| for signal "1" rated value | 5 A |
| Relay outputs | |
| Switching capacity of contacts | |
| with inductive load, max. | 3 A ; ; 1 A per relay @ > 55 °C; 3 A per relay @ > 55 °C & < 15 s |
| Switching frequency/contacts/at ohmic load/maximum | 5 A ; ; @ > 55 °C: 3 A per relay; 5 A < 15 s; 10 A all 4 relays in total |
| 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 | No |
| UL approval | Yes ; ; File: E120869 // Tmax = 55 °C |
| FM approval | No |
| Marine approval | No |
| Developed according to IEC 61131 | Yes |
| according to VDE 0631 | Yes |
| Ambient conditions | |
| Operating temperature | |
| Min. | -25 °C ; = Tmin |
| max. | 70 °C ; = Tmax; 55 °C @ UL/cUL use |
| Extended ambient conditions | |
| Relative to ambient temperature-atmospheric pressure-installation altitude | Tmin ... Tmax at 1080 hPa ... 795 hPa (-1000 m ... +2000 m) // Tmin ... (Tmax - 10K) at 795 hPa ... 658 hPa (+2000 m ... +3500 m) // Tmin ... (Tmax - 20K) at 658 hPa ... 540 hPa (+3500 m ... +5000 m) |
| Relative humidity | |
| with condensation / maximum | 100 % ; Relative humidity, incl. condensation / frost permitted (no commissioning under condensation conditions) |
| Resistance | |
| to 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! |
| to chemically active substances / conformity with EN 60721-3-3 | Yes |
| to 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 | 36 mm ; 2 DU |
| Height | 90 mm |
| Depth | 55 mm |
| Status | Jul 17, 2012 |