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## Data sheet 6ED1052-1HB08-0BA3




LOGO! 24RCE, logic module,display power supply / I/O: 24 V AC/DC 24 V/relay, 8 DI/4 DO, memory 800 blocks, modularly expandable, Ethernet, integrated web server, data log, user-defined web pages, standard microSD card for LOGO! Soft Comfort V9.0 or higher older projects executable cloud connection, MQTT in all basic units touch display

| | |
|---|---|
| **Display** | |
| with display | Yes |
| **Installation type/mounting** | |
| Mounting | on 35 mm DIN rail, 4 spacing units wide |
| **Supply voltage** | |
| Rated value (DC) | |
| ● 24 V DC | Yes |
| permissible range, lower limit (DC) | 20.4 V |
| permissible range, upper limit (DC) | 28.8 V |
| Rated value (AC) | |
| ● 24 V AC | Yes |
| Line frequency | |
| ● permissible range, lower limit | 47 Hz |
| ● permissible range, upper limit | 63 Hz |
| **Time of day** | |
| Time switching clocks | |
| ● Number | 800; max. 800, function-specific |
| ● Power reserve | 480 h |
| **Digital inputs** | |
| Number of digital inputs | 8 |
| **Digital outputs** | |
| Number of digital outputs | 4; Relays |
| Short-circuit protection | No; external fusing necessary |
| Relay outputs | |
| Switching capacity of contacts | |
| — with inductive load, max. | 3 A |
| — with resistive load, max. | 10 A |
| **EMC** | |
| Emission of radio interference acc. to EN 55 011 | |
| ● Limit class B, for use in residential areas | Yes; Radio interference suppression according to EN55011, Limit Value Class B |
| **Standards, approvals, certificates** | |
| Siemens Eco Profile (SEP) | Siemens EcoTech |
| CE mark | Yes |
| CSA approval | Yes; covered by UL cert |
| UL approval | Yes |


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| | |
|---|---|
| FM approval | Yes |
| developed in accordance with IEC 61131 | Yes |
| according to VDE 0631 | Yes |
| Marine approval | Yes; in preparation |
| Ecological footprint | |
| ● environmental product declaration | Yes |
| Global warming potential | |
| — global warming potential, (total) [CO2 eq] | 42.2 kg |
| — global warming potential, (during production) [CO2 eq] | 8.9 kg |
| — global warming potential, (during operation) [CO2 eq] | 33.77 kg |
| — global warming potential, (after end of life cycle) [CO2 eq] | -0.43 kg |
| **Ambient conditions** | |
| Ambient temperature during operation | |
| ● min. | -20 °C; No condensation |
| ● max. | 55 °C |
| Ambient temperature during storage/transportation | |
| ● min. | -40 °C |
| ● max. | 70 °C |
| Altitude during operation relating to sea level | |
| ● Ambient air temperature-barometric pressure-altitude | Tmin ... Tmax at 1 080 hPa ... 795 hPa (-1 000 m ... +2 000 m) |
| **Dimensions** | |
| Width | 71.5 mm; 4 modular widths (MW) |
| Height | 90 mm |
| Depth | 58 mm |

**Classifications**

| | Version | Classification |
|---|---|---|
| eClass | 16 | 27-24-22-16 |
| eClass | 14 | 27-24-22-16 |
| eClass | 12 | 27-24-22-16 |
| eClass | 9.1 | 27-24-22-16 |
| eClass | 9 | 27-24-22-16 |
| eClass | 8 | 27-24-22-16 |
| eClass | 7.1 | 27-24-22-16 |
| eClass | 6 | 27-24-22-16 |
| ETIM | 10 | EC001417 |
| ETIM | 9 | EC001417 |
| ETIM | 8 | EC001417 |
| ETIM | 7 | EC001417 |

**Approvals / Certificates**

**General Product Approval**

Manufacturer Declaration

Manufacturer Declaration

| General Product Approval | EMV | For use in hazardous locations |
|---|---|---|

FM

| For use in hazardous locations | Environment |
|---|---|


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