

Siemens
EcoTech



LOGO! 12/24RCEO, logic module, power supply / I/O: 12/24 V DC/relay, 8 DI (4 AI)/4 DO, without display, memory 400 blocks, modularly expandable, Ethernet, integrated web server, data log, user-defined web pages, standard microSD card for LOGO! Soft Comfort V8.4 or higher, older projects executable cloud connection, MQTT in all LOGO! 8.4 basic units



Figure similar

| Installation type/mounting | |
|---|---|
| Mounting | on 35 mm DIN rail, 4 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 |
| Time of day | |
| Time switching clocks | |
| • Number | 400; Max. 400, function-specific |
| • Power reserve | 480 h |
| Digital inputs | |
| Number of digital inputs | 8; Of which 4 can be used in analog mode (0 to 10 V) |
| Digital outputs | |
| Number of digital outputs | 4; Relays |
| Short-circuit protection | No; external fusing necessary |
| Output current | |
| • for signal "1" permissible range for 0 to 55 °C, max. | 10 A |
| 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 | No; covered by UL cert |
| UL approval | Yes |
| 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] | 51.5 kg |
| — global warming potential, (during production) [CO2 eq] | 9.64 kg |
| — global warming potential, (during operation) [CO2 eq] | 42.1 kg |
| — global warming potential, (after end of life cycle) [CO2 eq] | -0.364 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 |
| Height | 90 mm |
| Depth | 58 mm |

| Classifications | | | |
|-----------------|--------|---------|----------------|
| | | Version | Classification |
| | 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](#)



[KC](#)

For use in hazardous locations **Maritime application**



[FM](#)



Maritime application **Environment**

[NK / Nippon Kaiji Kyokai](#)

[CCS \(China Classification Society\)](#)



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5/16/2025 

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