

Siemens  
EcoTech



LOGO! 24CE, logic module, display power supply / I/O: 24 V/24 V/24 V trans., 8 DI (4 AI)/4 DO, 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

| 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  |
| 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; Transistor   |
| Short-circuit protection                                | Yes; electrical (1 A)   |
| Output current  |   |
| • for signal "1" permissible range for 0 to 55 °C, max. | 0.3 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  | 60 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   | 9       | EC001417       |
| ETIM   | 8       | EC001417       |
| ETIM   | 7       | EC001417       |

#### Approvals / Certificates

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



[KC](#)



For use in hazardous locations

Maritime application

[EM](#)



[NK / Nippon Kaiji Kyokai](#)

Maritime application

Environment

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



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