

# SIEMENS

## Data sheet

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Figure similar

LOGO! 230RCE, logic module, display PS/I/O: 115V/230V/relay, 8 DI/4 DQ, memory 400 blocks, modular expandable, Ethernet, integrated web server, data log, user-defined web pages, standard microSD card for LOGO! Soft Comfort V8.3 or higher, older projects executable cloud connection in all LOGO! 8.3 basic units

| Display                                          |                                                                               |
|--------------------------------------------------|-------------------------------------------------------------------------------|
| with display                                     | Yes                                                                           |
| Installation type/mounting                       |                                                                               |
| Mounting                                         | on 35 mm DIN rail, 4 spacing units wide                                       |
| Supply voltage                                   |                                                                               |
| Rated value (DC)                                 |                                                                               |
| • 115 V DC                                       | Yes                                                                           |
| • 230 V DC                                       | Yes; 240 V DC                                                                 |
| permissible range, lower limit (DC)              | 100 V                                                                         |
| permissible range, upper limit (DC)              | 253 V                                                                         |
| Rated value (AC)                                 |                                                                               |
| • 115 V AC                                       | Yes                                                                           |
| • 230 V AC                                       | Yes; 240 V AC                                                                 |
| Line frequency                                   |                                                                               |
| • permissible range, lower limit                 | 47 Hz                                                                         |
| • permissible range, upper limit                 | 63 Hz                                                                         |
| Time of day                                      |                                                                               |
| Time switching clocks                            |                                                                               |
| • Number                                         | 400; Max. 400, 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               |                                                                               |
| CE mark                                          | Yes                                                                           |
| CSA approval                                     | Yes                                                                           |
| UL approval                                      | Yes                                                                           |
| FM approval                                      | Yes                                                                           |

|                                                        |                                                                                              |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------|
| developed in accordance with IEC 61131                 | Yes                                                                                          |
| according to VDE 0631                                  | Yes                                                                                          |
| Marine approval                                        | Yes                                                                                          |
| <b>Ambient conditions</b>                              |                                                                                              |
| 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)                               |
| <b>Dimensions</b>                                      |                                                                                              |
| Width                                                  | 71.5 mm                                                                                      |
| Height                                                 | 90 mm                                                                                        |
| Depth                                                  | 60 mm                                                                                        |
| <b>last modified:</b>                                  | 12/18/2020  |