



Figure similar

LOGO! 12/24RCE, logic module, display PS/I/O: 12/24VDC/relay, 8 DI (4 AI)/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)                                        |                                                                               |
| • 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                      |                                                                               |
| 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                                                                           |
| 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) |
| <b>Dimensions</b>                                      |                                                                |
| Width                                                  | 71.5 mm                                                        |
| Height                                                 | 90 mm                                                          |
| Depth                                                  | 60 mm                                                          |

**last modified:** 2/26/2021 