LOGO! 230RCE, logic module, display PS/I/O: 115V/230V/relay, 8 DI/4 DO, memory 400 blocks, modular expandable, Ethernet, integr. web server, data log, user-defined Web pages, standard microSD card for LOGO! Soft Comfort V8 or higher, older projects executable

<table>
<thead>
<tr>
<th>Display</th>
<th>with display</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installation type/mounting</td>
<td>Mounting</td>
<td>on 35 mm DIN rail, 4 spacing units wide</td>
</tr>
<tr>
<td>Supply voltage</td>
<td>Rated value (DC)</td>
<td>115 V DC</td>
</tr>
<tr>
<td></td>
<td></td>
<td>230 V DC</td>
</tr>
<tr>
<td></td>
<td>permissible range, lower limit (DC)</td>
<td>100 V</td>
</tr>
<tr>
<td></td>
<td>permissible range, upper limit (DC)</td>
<td>253 V</td>
</tr>
<tr>
<td></td>
<td>Rated value (AC)</td>
<td>115 V AC</td>
</tr>
<tr>
<td></td>
<td></td>
<td>230 V AC</td>
</tr>
<tr>
<td></td>
<td>Line frequency</td>
<td>permissible range, lower limit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>permissible range, upper limit</td>
</tr>
</tbody>
</table>
### 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

### Degree and class of protection

**Degree of protection acc. to EN 60529**

- **IP20**: Yes

### 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)

### Dimensions

- **Width**: 71.5 mm
- **Height**: 90 mm
<table>
<thead>
<tr>
<th>Depth</th>
<th>60 mm</th>
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</thead>
</table>

last modified: 01/17/2018