

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
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Installation type/mounting

Mounting	on 35 mm DIN rail, 4 spacing units wide
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Supply voltage

Rated value (DC)	Yes
<ul style="list-style-type: none"> • 115 V DC • 230 V DC 	Yes; 240VDC
permissible range, lower limit (DC)	100 V
permissible range, upper limit (DC)	253 V

Rated value (AC)	Yes
<ul style="list-style-type: none"> • 115 V AC • 230 V AC 	Yes; 240VAC

Line frequency

<ul style="list-style-type: none"> • permissible range, lower limit • permissible range, upper limit 	47 Hz 63 Hz
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Time of day

Time switching clocks	
<ul style="list-style-type: none"> • Number • Power reserve 	400; Max. 400, function-specific 480 h

Digital inputs

Number of digital inputs	8
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Digital outputs

Number of digital outputs	4; Relays
Short-circuit protection	No; external fusing necessary

Relay outputs

Switching capacity of contacts	
<ul style="list-style-type: none"> — with inductive load, max. — with resistive load, max. 	3 A 10 A

EMC

Emission of radio interference acc. to EN 55 011	
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- 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)

Dimensions

Width	71.5 mm
Height	90 mm
Depth	60 mm
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