



LOGO! 230RCE, logic module, display power supply / I/O: 115 V/230 V/relay, 8 DI/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



<b>Display</b>	
with display	Yes
<b>Installation type/mounting</b>	
Mounting	on 35 mm DIN rail, 4 spacing units wide
<b>Supply voltage</b>	
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
<b>Line frequency</b>	
• permissible range, lower limit	47 Hz
• permissible range, upper limit	63 Hz
<b>Time of day</b>	
Time switching clocks	
• Number	400; Max. 400, function-specific
• Power reserve	480 h
<b>Digital inputs</b>	
Number of digital inputs	8
<b>Digital outputs</b>	
Number of digital outputs	4; Relays
Short-circuit protection	No; external fusing necessary
<b>Relay outputs</b>	
Switching capacity of contacts	
— with inductive load, max.	3 A
— with resistive load, max.	10 A
<b>EMC</b>	
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
<b>Standards, approvals, certificates</b>	
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
<b>Global warming potential</b>	
— global warming potential, (total) [CO2 eq]	124 kg
— global warming potential, (during production) [CO2 eq]	9.93 kg
— global warming potential, (during operation) [CO2 eq]	115 kg
— global warming potential, (after end of life cycle) [CO2 eq]	-0.383 kg

**Ambient conditions**

<b>Ambient temperature during operation</b>	
• min.	-20 °C; No condensation
• max.	55 °C

<b>Ambient temperature during storage/transportation</b>	
• min.	-40 °C
• max.	70 °C

<b>Altitude during operation relating to sea level</b>	
• 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	10	EC001417
ETIM	9	EC001417
ETIM	8	EC001417
ETIM	7	EC001417

**Approvals / Certificates**

**General Product Approval**



[Manufacturer Declaration](#)



**General Product Approval**      **For use in hazardous locations**

[Manufacturer Declaration](#)



[CCC-Ex](#)



[FM](#)

**For use in hazardous locations** | **Maritime application**

[CCC-Ex](#)



[NK / Nippon Kaiji Kyokai](#)

**Maritime application** | **Environment**

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

[KR \(Korean Register of Shipping\)](#)



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