

Siemens
EcoTech



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



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)	
• 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
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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	
— 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

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																																	
Global warming potential																																		
— 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																																		
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																																	
Classifications																																		
	<table><tr><th></th><th>Version</th><th>Classification</th></tr><tr><td>eClass</td><td>14</td><td>27-24-22-16</td></tr><tr><td>eClass</td><td>12</td><td>27-24-22-16</td></tr><tr><td>eClass</td><td>9.1</td><td>27-24-22-16</td></tr><tr><td>eClass</td><td>9</td><td>27-24-22-16</td></tr><tr><td>eClass</td><td>8</td><td>27-24-22-16</td></tr><tr><td>eClass</td><td>7.1</td><td>27-24-22-16</td></tr><tr><td>eClass</td><td>6</td><td>27-24-22-16</td></tr><tr><td>ETIM</td><td>9</td><td>EC001417</td></tr><tr><td>ETIM</td><td>8</td><td>EC001417</td></tr><tr><td>ETIM</td><td>7</td><td>EC001417</td></tr></table>		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	9	EC001417	ETIM	8	EC001417	ETIM	7	EC001417
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