

**Siemens
EcoTech**



LOGO! 230RCEo, logic module, power supply / I/O: 115 V/230 V/relay, 8 DI/4 DO, without display, 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 unit



Installation type/mounting	
Mounting	on 35 mm DIN rail, 4 spacing units wide
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
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		58 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			For use in hazardous locations	
 EG-Konf.   UL  RCM KC  CQC				
For use in hazardous locations		Maritime application		
FM  ABS  BUREAU VERITAS  DNV  LRS NK / Nippon Kaiji Kyokai				
Maritime application		Environment		

last modified:

4/9/2025 