

**Siemens
EcoTech**



LOGO! 12/24RCE, logic module, display power supply / I/O: 12/ 24 V DC/relay, 8 DI (4 AI)/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
Installation type/mounting	
Mounting	on 35 mm DIN rail, 4 spacing units wide
Supply voltage	
Rated value (DC)	
• 12 V DC	Yes
• 24 V DC	Yes
permissible range, lower limit (DC)	10.8 V
permissible range, upper limit (DC)	28.8 V
Time of day	
Time switching clocks	
• Number	400; Max. 400, function-specific
• Power reserve	480 h
Digital inputs	
Number of digital inputs	8; Of which 4 can be used in analog mode (0 to 10 V)
Digital outputs	
Number of digital outputs	4; Relays
Short-circuit protection	No; external fusing necessary
Output current	
• for signal "1" permissible range for 0 to 55 °C, max.	10 A
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]		51.5 kg		
— global warming potential, (during production) [CO2 eq]		9.64 kg		
— global warming potential, (during operation) [CO2 eq]		42.1 kg		
— global warming potential, (after end of life cycle) [CO2 eq]		-0.364 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				
			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
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		
CCS (China Classification Society)  KR  Siemens EcoTech   EPD				

