

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



<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)	
• 12 V DC	Yes
• 24 V DC	Yes
permissible range, lower limit (DC)	10.8 V
permissible range, upper limit (DC)	28.8 V
<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; Of which 4 can be used in analog mode (0 to 10 V)
<b>Digital outputs</b>	
Number of digital outputs	4; Relays
Short-circuit protection	No; external fusing necessary
<b>Output current</b>	
• for signal "I" permissible range for 0 to 55 °C, max.	10 A
<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
<b>Ecological footprint</b>	
• environmental product declaration	Yes
<b>Global warming potential</b>	
— 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

<b>Ambient conditions</b>	
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)

<b>Dimensions</b>	
Width	71.5 mm
Height	90 mm
Depth	60 mm

<b>Classifications</b>			
		<b>Version</b>	<b>Classification</b>
	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

<b>Approvals / Certificates</b>	
General Product Approval	



[Manufacturer Declaration](#)



[KC](#)

For use in hazardous locations	Maritime application
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[FM](#)



Maritime application	Environment
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[NK / Nippon Kaiji Kyokai](#)

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



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