

Siemens
EcoTech



LOGO! 12/24RCEO, logic module, power supply / I/O: 12/24 V DC/relay, 8 DI (4 AI)/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 units



Figure similar

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		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	
CCS (China Classification Society)  KR KOREAN REGISTER  EPD Siemens EcoTech 			

last modified:

5/16/2025 