



*** spare part *** 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 V8.3 or higher, older projects executable cloud connection in all LOGO! 8.3 basic units

Display	
with display	Yes
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	
CE mark	Yes
CSA approval	Yes
UL approval	Yes
FM approval	Yes
developed in accordance with IEC 61131	Yes
according to VDE 0631	Yes

Marine approval	Yes
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
	IDEA	4	3565
	UNSPSC	15	32-15-17-05

Approvals / Certificates	
General Product Approval	

Manufacturer Declaration	 EG-Konf.		 UL	Metrological Approval	 RCM
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General Product Approval	EMV	For use in hazardous locations			Marine / Shipping
KC	 RCM	 CQC	FM	FM	 ABS

Marine / Shipping					
 BUREAU VERITAS	 DNV	 LRS	NK / Nippon Kaiji Kyokai	CCS (China Classification Society)	 KR

last modified:	3/12/2024 
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