



Figure similar

*** spare part *** SIMATIC S7-200 CN, analog I/O EM 235, only for S7-22X CPU, 4 AI, +/-10 V DC; 1 AO, +/-10 V DC 12 bit converter this S7-200 CN product only has CE approval

Power loss	
Power loss, typ.	2 W
Analog inputs	
Number of analog inputs	4; Difference
Input ranges	
• Voltage	Yes
• Current	Yes
• Thermocouple	No
• Resistance thermometer	No
• Resistance	No
Analog outputs	
Number of analog outputs	1
Analog value generation for the inputs	
Integration and conversion time/resolution per channel	
• Resolution with overrange (bit including sign), max.	12 bit
Analog value generation for the outputs	
Integration and conversion time/resolution per channel	
• Resolution with overrange (bit including sign), max.	11 bit
Dimensions	
Width	71.2 mm
Height	80 mm
Depth	62 mm
Classifications	

	Version	Classification
eClass	14	27-24-22-01
eClass	12	27-24-22-01
eClass	9.1	27-24-22-01
eClass	9	27-24-22-01
eClass	8	27-24-22-01
eClass	7.1	27-24-22-01
eClass	6	27-24-22-01
ETIM	10	EC001420
ETIM	9	EC001420
ETIM	8	EC001420
ETIM	7	EC001420
IDEA	4	3562

Approvals / Certificates

General Product Approval

Maritime application



[China RoHS](#)



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

last modified:

7/17/2025