SIEMENS

Data sheet   6ES7231-0HC22-0XA8

Figure similar

*** spare part *** SIMATIC S7-200 CN analog input EM 231, only for S7-22X CPU, 4 AI, 0-10V 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 value generation for the inputs	
Integration and conversion time/resolution per channel	
● Resolution with overrange (bit including sign), max.	12 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	9	EC001420
	ETIM	8	EC001420
	ETIM	7	EC001420
	IDEA	4	3562
	UNSPSC	15	32-15-17-05

Approvals / Certificates
Marine / Shipping

3/4/2025

CCS (China Classifica-
tion Society)

ABS

BUREAU
VERITAS

---

last modified: 8/22/2024

3/4/2025