



Figure similar

\*\*\* spare part \*\*\* SIMATIC S7-200 CN, Digital input EM 221, only for S7-22X CPU, 16 DI, 24 V DC, sinking-sourcing this S7-200 CN product only has CE approval

Power loss	
Power loss, typ.	3 W
Digital inputs	
Number of digital inputs	16
Input voltage	
• Type of input voltage	DC
Input current	
• for signal "1", typ.	4 mA
Dimensions	
Width	71.2 mm
Height	80 mm
Depth	62 mm

Classifications			
		Version	Classification
	eClass	14	27-24-22-04
	eClass	12	27-24-22-04
	eClass	9.1	27-24-22-04
	eClass	9	27-24-22-04
	eClass	8	27-24-22-04
	eClass	7.1	27-24-22-04
	eClass	6	27-24-22-04
	ETIM	10	EC001419
	ETIM	9	EC001419
	ETIM	8	EC001419
	ETIM	7	EC001419
	IDEA	4	3566
	UNSPSC	15	32-15-17-05

Approvals / Certificates	
General Product Approval	

Miscellaneous



General Product Approval	EMV	For use in hazardous locations
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For use in hazardous locations	Test Certificates	Maritime application
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IECEX

[Miscellaneous](#)

[CCC-Ex](#)

[CCC-Ex](#)

[Type Test Certificates/Test Report](#)



ABS

Maritime application
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LRS

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RINA

[KR \(Korean Register of Shipping\)](#)

Environment
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7/17/2025