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Product data sheet 6GK7242-5DX30-0XE0

Product-type designation	CM 1242-5
	COMMUNICATION MODULE CM 1242-5; FOR CONNECTION OF SIMATIC S7-1200 TO PROFIBUS AS DP SLAVE MODULE
Transmission rate	
Transmission rate / at interface 1 / in accordance with PROFIBUS	9.6 kbit/s … 12 Mbit/s
Interfaces	
Number of electrical connections	
• at interface 1 / in accordance with PROFIBUS	1
• for power supply	0
Design of electrical connection	
• at interface 1 / in accordance with PROFIBUS	9-pin Sub-D socket (RS485)
Supply voltage, current consumption, power loss	
Type of / supply voltage	DC
Supply voltage	
• 1 / from backplane bus	5 V
Consumed current	
• from backplane bus / at 5 V / for DC / Typical	0.15 A
Resistive loss	0.75 W
Permitted ambient conditions	
Ambient temperature	
• for vertical installation / during operating phase	0 … 45 °C
• for horizontal installation / during operating phase	0 … 55 °C
• during storage	-40 … +70 °C

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• during transport	-40 … +70 °C
Relative humidity / at 25 °C / without condensation / during operating / maximum	95 %
Protection class IP	IP20
Design, dimensions and weight	
Module format	Compact module S7-1200 single width
Width	30 mm
Height	100 mm
Depth	75 mm
Net weight	0.115 kg
Product properties, functions, components / general	
Number of modules	
• per CPU / maximum	3
Performance data	
Performance data / PROFIBUS DP	
Service / as DP slave	
• DPV0	Yes
• DPV1	Yes
Amount of data	
• of the address area of the inputs / as DP slave / overall	240 byte
• of the address area of the outputs / as DP slave / overall	240 byte
letzte Änderung:	Apr 28, 2014

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