SIEMENS

Data sheet

6GK7243-5DX30-0XE0

product type designation



CM 1243-5

communications module CM 1243-5 for connection of SIMATIC S7-1200 to PROFIBUS as DP Master module; PG/OP communication; S7 communication.

transfer rate	
transfer rate	
at the 1st interface / according to PROFIBUS	9.6 kbit/s 12 Mbit/s
interfaces	
number of interfaces / according to Industrial Ethernet	0
number of electrical connections	
 at the 1st interface / according to PROFIBUS 	1
for power supply	1
type of electrical connection	
 at the 1st interface / according to PROFIBUS 	9-pin Sub-D socket (RS485)
for power supply	3-pole terminal block
supply voltage, current consumption, power loss	
type of voltage / of the supply voltage	DC
supply voltage / external	24 V
supply voltage / external / at DC / rated value	24 V
relative positive tolerance / at DC / at 24 V	20 %
relative negative tolerance / at DC / at 24 V	20 %
consumed current	
• from external supply voltage / at DC / at 24 V / typical	0.1 A
power loss [W]	2.4 W
ambient conditions	
ambient temperature	
 for vertical installation / during operation 	0 45 °C
 for horizontally arranged busbars / during operation 	0 55 °C
 during storage 	-40 +70 °C
during transport	-40 +70 °C
relative humidity	
 at 25 °C / without condensation / during operation / maximum 	95 %
protection class IP	IP20
design, dimensions and weights	
module format	Compact module S7-1200 single width
width	30 mm
height	100 mm
depth	75 mm
net weight	0.134 kg
fastening method	
 35 mm top hat DIN rail mounting 	Yes
 S7-300 rail mounting 	No

* well mounting product fautuses, product functions, product components / general number of units * per CPU / maximum performance data / PROFIBUS DP service / as DP master • DPV1 number of DP slaves • on DP master / operable data volume • of the address range of the inputs / as DP master / total • of the address range of the inputs / per DP slave • of the address range of the outputs / per DP slave • of the address range of the outputs / per DP slave • of the address range of the outputs / per DP slave • of the address range of the diagnostic data / per DP slave • of the address range of the diagnostic data / per DP slave • of the address range of the diagnostic data / per DP slave • of the address range of the diagnostic data / per DP slave • of the address range of the diagnostic data / per DP slave • of the address range of the diagnostic data / per DP slave • of the address range of the diagnostic data / per DP slave • of the address range of the diagnostic data / per DP slave • of the address range of the diagnostic data / per DP slave • of the address range of the diagnostic data / per DP slave • of the address range of the diagnostic data / per DP slave • of the address range of the outputs / per DP slave • of the address range of the outputs / per DP slave • of the address range of the outputs / per DP slave • of the address range of the outputs / per DP slave • of the address range of the outputs / per DP slave • of the address range of the outputs / per DP slave • DPV0 No performance data / slave / per DP slave • maximum • with PC connections / with multi-protocol mode • without DP / maximum • with PC on the connections / with multi-protocol mode • without DP / maximum • required • TCP/IP • required • TCP/IP • required • requi	
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• to website: CAx-Download-Manager https://siemens.com/cax	
• to website: Industry Online Support https://support.industry.siemens.com	
security information	
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network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)

Approvals / Certificates

General Product Approval



Declaration of Conformity









General Product Approval

EMV

For use in hazardous locations



<u>KC</u>





<u>FM</u>

CCC-Ex

Marine / Shipping









NK / Nippon Kaiji Ky-<u>okai</u>



Environment

Confirmation



last modified:

12/23/2024

