SIEMENS

Product data sheet | **6GK7343-5FA01-0XE0**

COMMUNICATIONSPROCESSOR CP343-5 FOR
CONNECTING SIMATIC S7-300 TO PROFIBUS,
FMS,
S5-COMPATIBLE PG/OP AND S7 COMMUNICATION 12
MBAUD,
SINGLE-WIDTH

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	1

Supply voltage, current consumption, power loss	
Type of voltage / of supply voltage	DC
Supply voltage	
• 1 / from backplane bus	5 V
• external	24 V
Relative positive tolerance / at 24 V / with DC	20 %
Relative negative tolerance / at 24 V / with DC	15 %
Consumed current	
• from backplane bus / at 5 V / for DC / Typical	0.15 A
• from external supply voltage / at 24 V / with DC	
• typical	0.25 A
Resistive loss	5 W

Permitted ambient conditions	
Ambient temperature	
• during operating	0 … 60 °C

• during storage	-40 … +70 °C
• during transport	-40 … +70 °C
Relative humidity	
• at 25 °C / without condensation / during operating / maximum	95 %
Protection class IP	IP20
Design, dimensions and weight	
Width	40 mm
Height	125 mm
Depth	120 mm
Net weight	0.3 kg
Product properties, functions, components / general	
Number of units	
• per CPU / maximum	4
Performance data	
Performance data / open communication	
Number of possible connections / for open communication / by means of SEND/RECEIVE blocks / maximum	16
Data volume / as user data per connection / for open communication / by means of SEND/RECEIVE blocks / maximum	240 byte
Performance data / FMS functions	
Number of possible connections / for FMS connection / maximum	16
Amount of data / of the variables	
• for READ job / maximum	237 byte
• for WRITE and REPORT job / maximum	233 byte
Number of variables	
• Configurable from server to FMS partner	256
• Loadable from server to FMS partner	256
Performance data / S7 communication	
Number of possible connections / for S7 communication	
• maximum	16
Performance data / multi-protocol mode	
Number of active connections / with multiprotocol mode	48
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