

Product type designation



COMMUNICATION MODULE CM 1243-5 FOR CONNECTION OF SIMATIC S7-1200 TO PROFIBUS AS DP MASTER MODULE;
PG/OP COMMUNICATION;
S7-COMMUNICATION

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
- [not supplied - for power supply] 1

Supply voltage, current consumption, power loss

Type of voltage / of supply voltage DC

Supply voltage

- external 24 V

Relative positive tolerance / at 24 V / with DC 20 %

Relative negative tolerance / at 24 V / with DC 20 %

Consumed current

- [nicht versorgt - aus externer Versorgungsspannung] / [nicht versorgt - bei 24 V] / [nicht versorgt - bei DC] 0.1 A
- [nicht versorgt - typisch] 2.4 W

Resistive loss

Permitted ambient conditions

Ambient temperature

- for vertical installation / during operating phase 0 °C ... 45 °C

<ul style="list-style-type: none"> • for horizontal installation / during operating phase • during storage • during transport 	0 °C ... 55 °C
Relative humidity / at 25 °C / without condensation / during the operating phase / maximum	-40 °C ... 70 °C
Protection class IP	-40 °C ... 70 °C
	95 %
	IP20
Design, dimensions and weight	
Width	30 mm
Height	100 mm
Depth	75 mm
Net weight	0.134 kg
Product properties, functions, components / general	
Number of modules	
<ul style="list-style-type: none"> • per CPU / maximum 	1
Performance data	
Performance data / PROFIBUS DP	
Service / [nicht versorgt - als DP-Master] / [nicht versorgt - DPV1]	Yes
Number of DP slaves / on DP master / usable	16
Amount of data	
<ul style="list-style-type: none"> • of the address area of the inputs / [nicht versorgt - als DP-Master] / [nicht versorgt - gesamt] 	512 byte
<ul style="list-style-type: none"> • of the address area of the outputs / [nicht versorgt - als DP-Master] / [nicht versorgt - gesamt] 	512 byte
<ul style="list-style-type: none"> • of the address area of the inputs / [nicht versorgt - je DP-Slave] 	244 byte
<ul style="list-style-type: none"> • of the address area of the outputs / [nicht versorgt - je DP-Slave] 	244 byte
<ul style="list-style-type: none"> • [nicht versorgt - des Adressbereiches der Diagnosedaten] / [nicht versorgt - je DP-Slave] 	240 byte
Performance data / S7 communication	
Number of possible connections / [nicht versorgt - für S7-Kommunikation]	
<ul style="list-style-type: none"> • [nicht versorgt - maximal] 	8
<ul style="list-style-type: none"> • with PG connections / maximum 	1
<ul style="list-style-type: none"> • with PG/OP connections / maximum 	3
Performance data / multi-protocol mode	
Number of active connections / with multi-protocol mode	
<ul style="list-style-type: none"> • without DP / maximum 	8
<ul style="list-style-type: none"> • with DP / maximum 	8
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