



Technical specifications	
Data transmission rate	9.6 Kbit/s to 12 Mbit/s
Interfaces	
<ul style="list-style-type: none"> ● Connection to PROFIBUS 	9-pin Sub-D connector (RS485)
<ul style="list-style-type: none"> ● Connection to supply voltage 	4-pin terminal block
Supply voltage	24 V DC
Current consumption	
<ul style="list-style-type: none"> ● From backplane bus 	150 mA
<ul style="list-style-type: none"> ● From 24 V DC 	250 mA
Power loss	6.75 W
Perm. environmental conditions	
<ul style="list-style-type: none"> ● Operating temperature 	0°C to +60°C
<ul style="list-style-type: none"> ● Transport/storage temperature 	-40 °C to +70 °C
<ul style="list-style-type: none"> ● Relative humidity 	Max. 95% at +25 °C
Design	
<ul style="list-style-type: none"> ● Module format 	Compact assembly
<ul style="list-style-type: none"> ● Dimensions (W x H x D) in mm 	40 x 125 x 120
<ul style="list-style-type: none"> ● Weight 	Approx. 300 g
Number of CPs per S7-300	4
S7 communication performance data	
<ul style="list-style-type: none"> ● Number of usable connections 	Max. 16
S5-compatible interface (SEND/RECEIVE)	
<ul style="list-style-type: none"> ● Number of usable connections 	Max. 16
<ul style="list-style-type: none"> ● Useful data/connection 	Max. 240 byte (transmit and receive)
Multi-protocol operation	
<ul style="list-style-type: none"> ● Number of usable connections 	Max. 32 (without DP); max. 28 (with DP)
<ul style="list-style-type: none"> ● Size of the DP diagnostic data per connected slave 	max. 240 byte

Technical specifications	
DP master function	
● DP master	DP V0
● Number of DP slaves	124
● Total size of DP data ranges	
DP input range	2160 byte
DP output range	2160 byte
● Size of the DP data ranges per connected slave	
DP input range	244 byte
DP output range	244 byte
DP slave function	
● DP slave	DP V0
Size of DP data ranges	
● DP input range	240 byte
● DP output range	240 byte
● PG/OP communication	
● Number of operable OP connections (acyclic services)	16