

SIMATIC S7, IF964-DP INTERFACE MODULE DP MASTER FOR S7-400

Input current	
from CPU, max.	450 mA
Power loss	
Power loss, typ.	2 W
Memory	
Memory size	256 kbyte; Buffer memory (Dual Port RAM)
Interfaces	
PROFIBUS DP	
Cable length	
— Cable length, max.	1 200 m; At 9.6 kbit/s: max. 1200 m; at 12 Mbit/s: max. 100 m
1. Interface	
Physics	RS 485 / PROFIBUS
Isolated	Yes
Functionality	
• PROFIBUS DP master	Yes; Default setting
• PROFIBUS DP slave	Yes
DP master	
• Transmission rate, min.	9.6 kbit/s
• Transmission rate, max.	12 Mbit/s
• Number of DP slaves, max.	125; depending on the CPU used
Services	
— PG/OP communication	Yes
— Equidistance	Yes
— SYNC/FREEZE	Yes
— Direct data exchange (slave-to-slave communication)	Yes
Address area	
— Inputs, max.	device-dependent
— Outputs, max.	device-dependent
User data per DP slave	
— Inputs, max.	244 byte
— Outputs, max.	244 byte
Communication functions	

Number of connections	
• overall	device-dependent
• usable for PG communication	
— reserved for PG communication	1
• usable for OP communication	
— reserved for OP communication	1
Dimensions	
Width	18.2 mm
Height	67 mm
Depth	97 mm
Weights	
Weight, approx.	65 g
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