

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, 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
- usable for PG communication
 - reserved for PG communication
- usable for OP communication
 - reserved for OP communication

device-dependent
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Dimensions

Width	18.2 mm
Height	67 mm
Depth	97 mm

Weights

Weight, approx.	65 g
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last modified: 03/24/2017