SIEMENS

Data sheet 6ES7964-2AA04-0AB0



SIMATIC S7, IF964-DP Interface module DP master for S7-400

Input current	
Current consumption, max.	150 mA; Current consumption from S7-400 bus: The module uses no current at 24 V, it provides this voltage only at the DP interface. Total current consumption of the components connected to the DP interface, but maximum 150 mA. Current carrying capacity of the isolated 5 V (P5ext) maximum 90 mA, current carrying capacity of the 24 V maximum 150 mA.
Power loss	
Power loss, typ.	1 W
Interfaces	
PROFIBUS DP	
● Cable length, max.	1 200 m; At 9.6 kbit/s: max. 1 200 m; at 12 Mbit/s: max. 100 m
1. Interface	
Isolated	Yes
Protocols	
● PROFIBUS DP master	Yes; Default setting
● PROFIBUS DP slave	Yes
PROFIBUS 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 / header	
Number of connections	
● overall	device-dependent
Dimensions	
Width	26 mm
Height	54 mm
Depth	130 mm
Weights	
Weight, approx.	65 g

last modified: 8/30/2023

Subject to change without notice
© Copyright Siemens

Subject to change without notice
© Copyright Siemens