



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	
<ul style="list-style-type: none"> 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	
<ul style="list-style-type: none"> PROFIBUS DP master PROFIBUS DP slave 	Yes; Default setting Yes
PROFIBUS DP master	
<ul style="list-style-type: none"> Transmission rate, max. Number of DP slaves, max. 	12 Mbit/s 125; depending on the CPU used
Services	
<ul style="list-style-type: none"> PG/OP communication Equidistance SYNC/FREEZE Direct data exchange (slave-to-slave communication) 	Yes Yes Yes Yes
Address area	
<ul style="list-style-type: none"> Inputs, max. Outputs, max. 	device-dependent device-dependent
User data per DP slave	
<ul style="list-style-type: none"> Inputs, max. Outputs, max. 	244 byte 244 byte
communication functions / header	
Number of connections	
<ul style="list-style-type: none"> overall 	device-dependent
Dimensions	
Width	26 mm
Height	54 mm
Depth	130 mm
Weights	
Weight, approx.	65 g
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