

\*\*\*\*\* Replacement part \*\*\*\*\* SIMATIC S7, IF964-DP Interface module DP master for S7-400

Input current			
Current consumption, max.		450 mA	
Power loss			
Power loss, typ.		2 W	
Storage			
Memory size		256 kbyte; Buffer memory (Dual Port RAM)	
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 device		Yes	
PROFIBUS DP master			
• Transmission rate, max.		12 Mbit/s	
• max. number of DP devices		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 device			
— Inputs, max.		244 byte	
— Outputs, max.		244 byte	
Communication functions			
Number of connections			
• 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	
Classifications			
		<b>Version</b>	<b>Classification</b>
	eClass	14	27-24-22-08
	eClass	12	27-24-22-08
	eClass	9.1	27-24-22-08
	eClass	9	27-24-22-08
	eClass	8	27-24-22-08

eClass	7.1	27-24-22-08
eClass	6	27-24-22-08
ETIM	10	EC001423
ETIM	9	EC001423
ETIM	8	EC001423
ETIM	7	EC001423
IDEA	4	3564
UNSPSC	15	32-15-17-05

**Approvals / Certificates**

<b>General Product Approval</b>	<b>EMV</b>	<b>For use in hazardous locations</b>
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