



SIMATIC DP, CM PROFIBUS DP FOR ET 200SP CPU MODULE
WITH PROFIBUS DP INTERF. (9 PIN SUB-D, FEMALE) DP-
MASTER FOR 125 DP-SLAVES

Product type designation	
General information	
Hardware product version	FS01
Product function	
Engineering with	
STEP 7 TIA Portal can be configured/integrated as of version	V13 Update 3
Installation type/mounting	
Rack mounting possible	No
Type of fitting, rail mounting	Yes; Standard - DIN rail
Supply voltage	
Rated value (DC)	24 V
permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	28.8 V
Reverse polarity protection	Yes
Address area	
Occupied address area	
Interfaces	
1st interface	
Interface types	
— RS 485	Yes
Protocols	
— SIMATIC communication	Yes

— PROFIBUS DP master	Yes
— PROFIBUS DP slave	No
2nd interface	
Interface types	
Protocols	
Interface types	
RJ 45 (Ethernet)	
RS 232	
RS 485	
• Transmission rate, max.	12 Mbit/s
• Cable length, max.	100 m
RS 422	
Protocols	
PROFIBUS	
Services	
— PG/OP communication	Yes
— S7 routing	Yes
— Data record routing	Yes
— Isochronous mode	No
— equidistance	No
— Number of DP slaves	125
— Activation/deactivation of DP slaves	Yes
Integrated protocols	
Freeport	
3964 (R)	
Modbus RTU master	
MODBUS RTU slave	
Frame buffer	
Test commissioning functions	
Status/control	
Forcing	
Diagnostic buffer	
Interrupts/diagnostics/status information	
Alarms	
Diagnostic messages	
• Diagnostics	Yes
Diagnostics indication LED	
• for module diagnostics	Yes; green/red DIAG LED
Galvanic isolation	
between the backplane bus and interface	Yes

Ambient conditions	
Operating temperature	
• horizontal installation, min.	0 °C
• horizontal installation, max.	60 °C
• vertical installation, min.	0 °C
• vertical installation, max.	50 °C
Extended ambient conditions	
Relative humidity	
Resistance	
Connection method	
ET-Connection	
Dimensions	
Width	35 mm
Height	117 mm
Depth	75 mm
Weights	
Weight, approx.	80 g
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