



*** Spare part *** SIMATIC DP, 5 electronic modules for ET 200S, 2 DI Standard 24 V DC, 15 mm width, 5 units per packing unit

Supply voltage	
Rated value (DC)	24 V; From power module
Reverse polarity protection	Yes
Input current	
from supply voltage L+, max.	Dependent on encoder
from backplane bus 3.3 V DC, max.	10 mA
Encoder supply	
Type of output voltage	min. L+ (-0.5 V), under load
Output current	
• Rated value	500 mA
• permissible range, lower limit	0 mA
• permissible range, upper limit	500 mA
Power loss	
Power loss, typ.	0.4 W
Address area	
Address space per module	
• Address space per module, max.	1 byte
• with packing	2 bit
Digital inputs	
Number of digital inputs	2
Input characteristic curve in accordance with IEC 61131, type 1	Yes
Input voltage	
• Type of input voltage	DC
• Rated value (DC)	24 V
• for signal "0"	-30 to +5 V
• for signal "1"	+15 to +30 V
Input current	
• for signal "1", typ.	7 mA; at 24 V
Input delay (for rated value of input voltage)	
for standard inputs	
— parameterizable	No
— at "0" to "1", min.	2 ms; typically 3 ms
— at "0" to "1", max.	4.5 ms
— at "1" to "0", min.	2 ms; typically 3 ms
— at "1" to "0", max.	4.5 ms
Cable length	
• shielded, max.	1 000 m
• unshielded, max.	600 m
Encoder	
Connectable encoders	

2-wire sensor		Yes	
— permissible quiescent current (2-wire sensor), max.		1.5 mA	
Interrupts/diagnostics/status information			
Diagnostics function		No	
Diagnostics indication LED			
Group error SF (red)		No	
Status indicator digital input (green)		Yes; per channel	
Parameter			
Remark		1 byte	
Potential separation			
Potential separation digital inputs			
between the channels		No	
between the channels and backplane bus		Yes	
Isolation			
Isolation tested with		500 V DC	
Dimensions			
Width		15 mm	
Height		81 mm	
Depth		52 mm	
Weights			
Weight, approx.		35 g	
Classifications			
		Version	Classification
	eClass	14	27-24-26-04
	eClass	12	27-24-26-04
	eClass	9.1	27-24-26-04
	eClass	9	27-24-26-04
	eClass	8	27-24-26-04
	eClass	7.1	27-24-26-04
	eClass	6	27-24-26-04
	ETIM	10	EC001599
	ETIM	9	EC001599
	ETIM	8	EC001599
	ETIM	7	EC001599
	IDEA	4	3566
	UNSPSC	15	32-15-17-05
Approvals / Certificates			
General Product Approval			
 EG-Konf.		Miscellaneous	Manufacturer Declaration
		 UL	 RCM
EMV		For use in hazardous locations	
 RCM	 ATEX	FM	 ATEX
		 UL	Miscellaneous
For use in hazardous locations		Maritime application	



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