



*** Spare part *** SIMATIC DP, Electronics module f. ET200S, 2 AO U, 15 mm width, +/-10V; 13 bit+sign, 1..5 V; 12 bit, Cycle time less than 1 ms with SF LED (group fault)

General information	
Product function	
• Isochronous mode	No
Supply voltage	
Load voltage L+	
• Rated value (DC)	24 V; From power module
• Reverse polarity protection	Yes
Input current	
from load voltage L+ (without load), max.	130 mA
from backplane bus 3.3 V DC, max.	10 mA
Power loss	
Power loss, max.	2 W
Address area	
Address space per module	
• Address space per module, max.	4 byte
Analog outputs	
Number of analog outputs	2
Voltage output, short-circuit protection	Yes
Voltage output, short-circuit current, max.	25 mA
Cycle time (all channels) max.	1.5 ms
Output ranges, voltage	
• 1 V to 5 V	Yes
• -10 V to +10 V	Yes
Connection of actuators	
• for voltage output two-wire connection	Yes; Without compensation of the line resistances
• for voltage output four-wire connection	Yes
Load impedance (in rated range of output)	
• with voltage outputs, min.	1 kΩ
• with voltage outputs, capacitive load, max.	1 μF
Destruction limits against externally applied voltages and currents	
• Voltages at the outputs towards MANA	15 V; max. 15 V continuous; 75 V for max. 1 s (mark to space ratio 1:20)
• Current, max.	50 mA; DC
Cable length	
• shielded, max.	200 m
Analog value generation for the outputs	
Integration and conversion time/resolution per channel	
• Resolution with overrange (bit including sign), max.	14 bit; 1 to 5 V: 12 bit, ±10 V: 13 bit + sign
Settling time	
• for resistive load	0.1 ms
• for capacitive load	0.5 ms

• for inductive load	0.5 ms																																										
Errors/accuracies																																											
Operational error limit in overall temperature range																																											
• Voltage, relative to output range, (+/-)	0.4 %																																										
Basic error limit (operational limit at 25 °C)																																											
• Voltage, relative to output range, (+/-)	0.2 %																																										
Interrupts/diagnostics/status information																																											
Substitute values connectable	Yes; 0 to 65535 (range of values must be within the rated range)																																										
Diagnostics																																											
• Diagnostic information readable	Yes																																										
• Short-circuit	Yes																																										
• Group error	Yes																																										
Diagnostics indication LED																																											
• Group error SF (red)	Yes																																										
Parameter																																											
Remark	7 byte																																										
Diagnostics short-circuit	Disable / enable																																										
Group diagnostics	Disable / enable																																										
Response to CPU/master STOP	Output current and de-energized/substitute a value/keep last value																																										
Potential separation																																											
Potential separation analog outputs																																											
• between the channels	No																																										
• between the channels and backplane bus	Yes																																										
• Between the channels and load voltage L+	Yes																																										
Isolation																																											
Isolation tested with	500 V DC																																										
Dimensions																																											
Width	15 mm																																										
Height	81 mm																																										
Depth	52 mm																																										
Weights																																											
Weight, approx.	40 g																																										
Classifications																																											
	<table><tr><td></td><td>Version</td><td>Classification</td></tr><tr><td>eClass</td><td>14</td><td>27-24-26-01</td></tr><tr><td>eClass</td><td>12</td><td>27-24-26-01</td></tr><tr><td>eClass</td><td>9.1</td><td>27-24-26-01</td></tr><tr><td>eClass</td><td>9</td><td>27-24-26-01</td></tr><tr><td>eClass</td><td>8</td><td>27-24-26-01</td></tr><tr><td>eClass</td><td>7.1</td><td>27-24-26-01</td></tr><tr><td>eClass</td><td>6</td><td>27-24-26-01</td></tr><tr><td>ETIM</td><td>10</td><td>EC001596</td></tr><tr><td>ETIM</td><td>9</td><td>EC001596</td></tr><tr><td>ETIM</td><td>8</td><td>EC001596</td></tr><tr><td>ETIM</td><td>7</td><td>EC001596</td></tr><tr><td>IDEA</td><td>4</td><td>3562</td></tr><tr><td>UNSPSC</td><td>15</td><td>32-15-17-05</td></tr></table>		Version	Classification	eClass	14	27-24-26-01	eClass	12	27-24-26-01	eClass	9.1	27-24-26-01	eClass	9	27-24-26-01	eClass	8	27-24-26-01	eClass	7.1	27-24-26-01	eClass	6	27-24-26-01	ETIM	10	EC001596	ETIM	9	EC001596	ETIM	8	EC001596	ETIM	7	EC001596	IDEA	4	3562	UNSPSC	15	32-15-17-05
	Version	Classification																																									
eClass	14	27-24-26-01																																									
eClass	12	27-24-26-01																																									
eClass	9.1	27-24-26-01																																									
eClass	9	27-24-26-01																																									
eClass	8	27-24-26-01																																									
eClass	7.1	27-24-26-01																																									
eClass	6	27-24-26-01																																									
ETIM	10	EC001596																																									
ETIM	9	EC001596																																									
ETIM	8	EC001596																																									
ETIM	7	EC001596																																									
IDEA	4	3562																																									
UNSPSC	15	32-15-17-05																																									
Approvals / Certificates																																											
General Product Approval																																											
Miscellaneous	Manufacturer Declaration																																										
 EG-Konf.																																											
 UL	 RCM																																										
EMV	For use in hazardous locations																																										



[FM](#)



For use in hazardous locations

Maritime application



[Miscellaneous](#)

[CCC-Ex](#)



Maritime application



[NK / Nippon Kaiji Kyokai](#)



[CCS \(China Classification Society\)](#)

last modified:

8/22/2025