



Figure similar

\*\*\* Spare part \*\*\* SIMATIC DP, 5 electronic modules for ET 200S, 2 DI 120 V AC  
15 mm width, 5 units per packing unit

General information	
Product function	
<ul style="list-style-type: none"> <li>• Isochronous mode</li> </ul>	No
Supply voltage	
Rated value (AC)	120 V
Input current	
from supply voltage L1, max.	Dependent on encoder
from backplane bus 3.3 V DC, max.	6 mA
Power loss	
Power loss, typ.	0.5 W
Address area	
Address space per module	
<ul style="list-style-type: none"> <li>• Address space per module, max.</li> </ul>	1 byte
<ul style="list-style-type: none"> <li>• with packing</li> </ul>	2 bit
Digital inputs	
Number of digital inputs	2
Input characteristic curve in accordance with IEC 61131, type 1	Yes
Input voltage	
<ul style="list-style-type: none"> <li>• Type of input voltage</li> </ul>	AC
<ul style="list-style-type: none"> <li>• Rated value (AC)</li> </ul>	120 V; 47 ... 63 Hz
<ul style="list-style-type: none"> <li>• for signal "0"</li> </ul>	0V AC to 20V AC
<ul style="list-style-type: none"> <li>• for signal "1"</li> </ul>	79 to 132 V AC
Input current	
<ul style="list-style-type: none"> <li>• for signal "1", typ.</li> </ul>	3 mA; 3 to 9 mA
Input delay (for rated value of input voltage)	
for standard inputs	
<ul style="list-style-type: none"> <li>— at "0" to "1", min.</li> </ul>	15 ms
<ul style="list-style-type: none"> <li>— at "1" to "0", min.</li> </ul>	25 ms
Cable length	
<ul style="list-style-type: none"> <li>• shielded, max.</li> </ul>	1 000 m
<ul style="list-style-type: none"> <li>• unshielded, max.</li> </ul>	600 m
Encoder	
Connectable encoders	
<ul style="list-style-type: none"> <li>• 2-wire sensor</li> </ul>	No
<ul style="list-style-type: none"> <li>— permissible quiescent current (2-wire sensor), max.</li> </ul>	1 mA
Interrupts/diagnostics/status information	
Diagnostics function	No
Diagnoses	

• Short-circuit	No
Diagnostics indication LED	
• Status indicator digital input (green)	Yes; per channel
<b>Parameter</b>	
Remark	3 byte
<b>Potential separation</b>	
Potential separation digital inputs	
• between the channels	No
• between the channels and backplane bus	Yes
<b>Isolation</b>	
Isolation tested with	2 500 V DC
<b>Dimensions</b>	
Width	15 mm
Height	81 mm
Depth	52 mm
<b>Weights</b>	
Weight, approx.	31 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**

[Manufacturer Declaration](#)


[Miscellaneous](#)



**General Product Approval**      **EMV**      **For use in hazardous locations**


[China RoHS](#)



[EM](#)

**For use in hazardous locations**      **Maritime application**






[NK / Nippon Kaiji Kyokai](#)

**Maritime application**



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

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last modified:

3/13/2026