



SIMATIC ET 200SP HA, terminal block, type P0, 64 push-in terminals, Width: 45 mm

Figure similar

General information	
Product type designation	Type P0
Product function	
<ul style="list-style-type: none"> <li>I&amp;M data</li> </ul>	Yes
Supply voltage	
Rated value (DC)	24 V
Input current	
Current consumption, max.	640 mA; With one 20 mA encoder supply per channel
Encoder supply	
Number of outputs	32
Output voltage (DC)	24 V
24 V encoder supply	
<ul style="list-style-type: none"> <li>Short-circuit protection</li> <li>Output current, max.</li> <li>Output current per module, max.</li> </ul>	Yes; Per output, thermal 20 mA; per output 640 mA
Current carrying capacity	
up to 70 °C, max.	10 A; Permitted load current of the potential group depending on the number of terminal blocks
For process terminals, max.	2 A
Hardware configuration	
Formation of potential groups	
<ul style="list-style-type: none"> <li>support of potential groups</li> <li>New potential group</li> <li>Potential group continued from the left</li> </ul>	Yes No Yes
Slots	
<ul style="list-style-type: none"> <li>Number of slots</li> </ul>	1
Potential separation	
between backplane bus and supply voltage	Yes; 3 000 V DC/1 min, type test
between potential groups (power bus)	Yes; 1 500 V DC/1 min, type test (SELV / PELV to functional ground FE)
between process terminals and supply voltage	Yes; 1 500 V DC/1 min, type test
Ambient conditions	
Ambient temperature during operation	
<ul style="list-style-type: none"> <li>horizontal installation, min.</li> <li>horizontal installation, max.</li> <li>vertical installation, min.</li> <li>vertical installation, max.</li> </ul>	-40 °C 70 °C -40 °C 60 °C
Dimensions	
Width	45 mm
Height	175 mm

Depth	77 mm
<b>Weights</b>	
Weight, approx.	155 g
<b>Classifications</b>	

	Version	Classification
eClass	14	27-24-26-07
eClass	12	27-24-26-07
eClass	9.1	27-24-26-07
eClass	9	27-24-26-07
eClass	8	27-24-26-07
eClass	7.1	27-24-26-07
eClass	6	27-24-26-07
ETIM	10	EC001603
ETIM	9	EC001603
ETIM	8	EC001603
ETIM	7	EC001603

**Approvals / Certificates**

General Product Approval



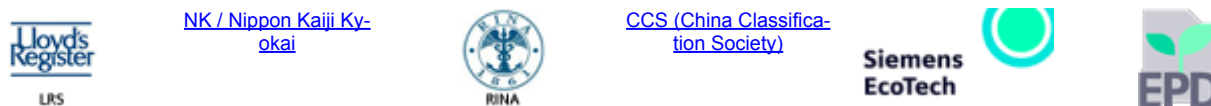
General Product Approval      For use in hazardous locations



For use in hazardous locations      Maritime application



Maritime application      Environment



last modified: 10/23/2025