

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



General information	
Product type designation	Type P0
Product function	
• I&M data	Yes
Supply voltage	
Rated value (DC)	24 V
external protection for power supply lines	Yes; 24 V DC/10 A miniature circuit breaker with type B or C tripping characteristic
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	
• Short-circuit protection	Yes; Per output, thermal
• Output current, max.	20 mA; per output
• Output current per module, max.	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	
• New potential group	Yes
• Potential group continued from the left	No
Potential separation	
between backplane bus and supply voltage	Yes; 4 200 V DC/1 min, type test
between the potential groups	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	
• horizontal installation, min.	-40 °C
• horizontal installation, max.	70 °C
• vertical installation, min.	-40 °C
• vertical installation, max.	60 °C
Dimensions	
Width	45 mm
Height	175 mm
Depth	77 mm
Weights	
Weight, approx.	155 g
last modified:	05/29/2019