



SIMATIC ET 200SP HA, Terminal block, Type H1, 32 push-in terminals, internal reference temperature New load group, width: 22.5 mm,

Figure similar

General information	
Product type designation	Type H1
Product function	
<ul style="list-style-type: none"> <li>I&amp;M data</li> </ul>	Yes; Asset data
Supply voltage	
Rated value (DC)	24 V
external protection for power supply lines	Yes; 24 V DC / 10 A (MCB with tripping characteristic type B or C, quick-response device protection fuse with sufficient breaking capacity, electronic fuse with characteristic according to type B or C)
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	
Temperature sensor	Yes; For internal reference junction with connecting thermocouple
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 Yes No
Slots	
<ul style="list-style-type: none"> <li>Number of slots</li> </ul>	1
Analog inputs	
Thermocouple (TC)	
Temperature compensation	
— internal temperature compensation	Yes
Potential separation	
between backplane bus and supply voltage	Yes; 4 200 V DC/1 min, type test (due to half the isolating distance (basic isolation) for ÜK-III requirement of F technology)
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	22.5 mm
Height	175 mm
Depth	77 mm

## Weights

Weight, approx.

80 g

**last modified:**

8/16/2023 