

SIMATIC ET 200SP HA, terminal block, type F0, F-AI, D-sub plug 37-pole, 2 slots for IO redundancy, 24 V infeed per slot, width: 45 mm

General information	
Product function	
• I&M data	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	
For process terminals, max.	30 mA
Hardware configuration	
Automatic encoding	Yes
• Type of mechanical coding element	mechanical interlock
Temperature sensor	No
Formation of potential groups	
• support of potential groups	No; no Powerbus
Slots	
• Number of slots	2; For IO redundancy
Analog inputs	
Thermocouple (TC)	
Temperature compensation	
— internal temperature compensation	No
Potential separation	
between backplane bus and supply voltage	Yes; 3 000 V DC/1 min, type test
between potential groups (power bus)	Yes; 1 200 V DC/1 min, type test (SELV / PELV to functional ground FE)
between process terminals and supply voltage	Yes; 1 200 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.	156 g

last modified: 9/1/2023 