

Siemens
EcoTech



SIMATIC ET 200SP HA, Terminal block, type M1, 32 push-in terminals, internal reference temperature width: 45 mm,



Figure similar

General information	
Product type designation	Type M1
Product function	
• I&M data	Yes; Asset data
Supply voltage	
Rated value (DC)	24 V
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	
• support of potential groups	Yes
• New potential group	No
• Potential group continued from the left	Yes
Slots	
• Number of slots	2; For IO redundancy
Analog inputs	
Thermocouple (TC)	
Temperature compensation	
— internal temperature compensation	Yes
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	
• 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		
Classifications			
		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			
	Miscellaneous		China RoHS
			
General Product Approval		For use in hazardous locations	
			Declaration of Conformity
			
			
For use in hazardous locations		Maritime application	
		Miscellaneous	
			
			
Maritime application		Environment	
	NK / Nippon Kaiji Kyokai		CCS (China Classification Society)
			
			

last modified:

10/23/2025 