



SIMATIC ET 200SP HA, ET 200SP, BaseUnit type X1, for Ex electronic modules, push-in terminals, WxH: 20 mm x 117 mm

General information	
Product type designation	BU type X1
Product function	
• I&M data	Yes; Asset data
Current carrying capacity	
For P1 and P2 bus, max.	10 A
For process terminals, max.	0.5 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	1
Potential separation	
between backplane bus and supply voltage	Yes
between process terminals and supply voltage	Yes
Isolation	
Isolation tested with	further information on insulation can be found in the "ET 200SP HA / ET 200SP modules for devices in hazardous areas" System Manual
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
Altitude during operation relating to sea level	
• Installation altitude above sea level, max.	2 000 m
connection method	
Terminals	
• Terminal type	Push-in terminal
• Conductor cross-section, min.	0.14 mm²; AWG 26
• Conductor cross-section, max.	2.5 mm²; AWG 14
• Number of process terminals to I/O module	8
Dimensions	
Width	20 mm
Height	117 mm
Depth	35 mm
Weights	

Weight, approx.		42 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			
			KC
			
For use in hazardous locations			Maritime application
		Miscellaneous	
			
			
Maritime application			
			NK / Nippon Kaiji Ky- okai
			
			CCS (China Classifica- tion Society)
Environment			
			
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