



SIMATIC ET 200SP, BaseUnit BU15-P16+A0+2D/T, BU type A1, Push-in terminals, without AUX terminals, New load group, WxH: 15x 117 mm, with temperature acquisition

General information	
Product type designation	BU type A1
HW functional status	FS10 and higher
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
Current carrying capacity	
For P1 and P2 bus, max.	10 A
For process terminals, max.	2 A
Hardware configuration	
Temperature sensor	Yes
Formation of potential groups	
• New potential group	Yes
• Potential group continued from the left	No
Slots	
• Number of slots	1; Type A1
Potential separation	
between the potential groups	Yes
Isolation	
Isolation tested with	707 V DC (type test)
Standards, approvals, certificates	
Ecological footprint	
• environmental product declaration	Yes
Global warming potential	
— global warming potential, (total) [CO2 eq]	0.873 kg
— global warming potential, (during production) [CO2 eq]	0.866 kg
— global warming potential, (during operation) [CO2 eq]	0 kg
— global warming potential, (after end of life cycle) [CO2 eq]	-0.0011 kg
Ambient conditions	
Ambient temperature during operation	
• horizontal installation, min.	-30 °C
• horizontal installation, max.	60 °C
• vertical installation, min.	-30 °C
• vertical installation, max.	50 °C
Altitude during operation relating to sea level	
• Installation altitude above sea level, max.	5 000 m; Restrictions for installation altitudes > 2 000 m, see manual
Accessories	

Color coding labels					
• for process terminals • for AUX terminals • for add-on terminals		CC00 to CC09 does not exist does not exist			
connection method					
Terminals					
• Terminal type • system-integrated shield connection • Conductor cross-section, min. • Conductor cross-section, max. • Number of process terminals to I/O module • Number of terminals to AUX bus • Number of add-on terminals • Number of terminals with connection to P1 and P2 bus		Push-in terminal Yes; Optional 0.14 mm²; AWG 26 2.5 mm²; AWG 14 16 0 0 2			
Dimensions					
Width		15 mm			
Height		117 mm			
Depth		35 mm			
Weights					
Weight, approx.		40 g			
Classifications					
		Version	Classification		
eClass		14	27-24-26-03		
eClass		12	27-24-26-03		
eClass		9.1	27-24-26-03		
eClass		9	27-24-26-03		
eClass		8	27-24-26-03		
eClass		7.1	27-24-26-03		
eClass		6	27-24-26-03		
ETIM		9	EC001598		
ETIM		8	EC001598		
ETIM		7	EC001598		
IDEA		4	3560		
UNSPSC		15	32-15-17-04		
Approvals / Certificates					
General Product Approval					
 EG-Konf.		Manufacturer Declaration	 UL	KC	 RCM
For use in hazardous locations					
 UL	FM	CCC-Ex	 ATEX	 IECEX	Miscellaneous
Maritime application					
 ABS	 BUREAU VERITAS	 DNV	 LRS	NK / Nippon Kaiji Kyokai	 RINA
Maritime application			Environment		



[CCS \(China Classification Society\)](#)



last modified:

4/7/2025