



SIMATIC ET 200SP, BaseUnit BU20-P12+A4+0B, BU type B0, Push-in terminals, with 4 AUX terminals, bridged to the left, WxH: 20 mmx117 mm

General information	
Product type designation	BU type B0
HW functional status	FS10 and higher
Supply voltage	
Rated value (DC)	See manual
• For P1 and P2 bus	24 V
• For AUX bus	24 V; Equal potential group to P1/P2 bus or PE
• for process terminals	24 V
Rated value (AC)	See manual
• For P1 and P2 bus	230 V
• For AUX bus	230 V; Equal potential group to P1/P2 bus or PE
• for process terminals	230 V
Mains filter	
• integrated	No
Current carrying capacity	
up to 60 °C, max.	10 A
For P1 and P2 bus, max.	10 A
For AUX bus, max.	10 A
For process terminals, max.	5 A
Hardware configuration	
Automatic encoding	Yes
Slots	
• Number of slots	1
Potential separation	
between backplane bus and supply voltage	Yes
between process terminals and supply voltage	Yes; only for process terminals 1 to 8
between power bus and supply voltage	No
Isolation	
Isolation tested with	3 100 V DC
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.	2 000 m; On request: Installation altitudes greater than 2 000 m
Accessories	
Color coding labels	
• for AUX terminals	CC81 to CC83

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 12; Pro slot 0 0 0; Pro slot				
Dimensions					
Width	20 mm				
Height	117 mm				
Depth	35 mm				
Weights					
Weight, approx.	48 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
Marine / Shipping					
 ABS	 BUREAU VERITAS	 DNV	 LRS	NK / Nippon Kaiji Kyokai	 RINA
Marine / Shipping					



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



last modified:

3/12/2024