



Figure similar

SIMATIC ET 200SP, BaseUnit BU15-P16+A10+2D, BU type A0, Pack quantity: 10 units, Push-in terminals, with 10 AUX terminals, New load group, WxH: 15 mmx141 mm

General information	
Product type designation	BU type A0
HW functional status	From FS07
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 AUX bus, max.	10 A
For process terminals, max.	2 A
Hardware configuration	
Formation of potential groups	
• New potential group	Yes
• Potential group continued from the left	No
Slots	
• Number of slots	1; Type A0
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]	1.09 kg
— global warming potential, (during production) [CO2 eq]	1.08 kg
— global warming potential, (during operation) [CO2 eq]	0 kg
— global warming potential, (after end of life cycle) [CO2 eq]	-0.0045 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	CC00 to CC09				
• for AUX terminals	CC71 to CC73				
• for add-on terminals	does not exist				
connection method					
Terminals					
• Terminal type	Push-in terminal				
• system-integrated shield connection	Yes; Optional				
• 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	16				
• Number of terminals to AUX bus	10				
• Number of add-on terminals	0				
• Number of terminals with connection to P1 and P2 bus	2				
Dimensions					
Width	15 mm				
Height	141 mm				
Depth	35 mm				
Weights					
Weight, approx.	50 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	10	EC001598		
	ETIM	9	EC001598		
	ETIM	8	EC001598		
	ETIM	7	EC001598		
	IDEA	4	3560		
	UNSPSC	15	32-15-17-04		
Approvals / Certificates					
General Product Approval		Maritime application	Environment		
		Manufacturer Declaration			

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