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SIMATIC ET 200SP, BaseUnit BU15-P16+A0+12B/T, BU type A1, Push-in terminals, with 2x 5 add-on terminals, bridged to the left, WxH: 15 mm x 141 mm, with temperature acquisition



Figure similar

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	
Additional terminals	Yes
Temperature sensor	Yes
Formation of potential groups	
• New potential group	No
• Potential group continued from the left	Yes
Slots	
• Number of slots	1; Type A1
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 - for AUX terminals - for add-on terminals	CC00 to CC09 does not exist CC74																																										
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 2x5 2																																										
Dimensions																																											
Width	15 mm																																										
Height	141 mm																																										
Depth	35 mm																																										
Weights																																											
Weight, approx.	50 g																																										
Classifications																																											
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[Miscellaneous](#)



[NK / Nippon Kaiji Kyokai](#)

Maritime application



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



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Environment

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