



SIMATIC ET 200SP, BaseUnit BU15-P16+A0+2B, BU type A0, Push-in terminals, without AUX terminals, bridged to the left, WxH: 15x 117 mm



Figure similar

General information	
Product type designation	BU type A0
HW functional status	From FS06
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
Mains filter	
• Integrated	No
Current carrying capacity	
For P1 and P2 bus, max.	10 A
For process terminals, max.	2 A
Hardware configuration	
Automatic encoding	Yes
Formation of potential groups	
• New potential group	No
• Potential group continued from the left	Yes
Slots	
• Number of slots	1; Type A0
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																																													
Absolute humidity																																														
• dew point, min.	-60 °C; suitable for dry room applications																																													
Accessories																																														
Color coding labels																																														
• for process terminals	CC00 to CC09																																													
• for AUX terminals	does not exist																																													
• 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; Pro slot																																													
• Number of terminals to AUX bus	0																																													
• Number of add-on terminals	0																																													
• Number of terminals with connection to P1 and P2 bus	2; Pro slot																																													
Dimensions																																														
Width	15 mm																																													
Height	117 mm																																													
Depth	35 mm																																													
Weights																																														
Weight, approx.	40 g																																													
Classifications																																														
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[FM](#)

[CCC-Ex](#)

For use in hazardous locations

Maritime application



[Miscellaneous](#)

[Type Examination Certificate](#)

[CCC-Ex](#)



Maritime application



[NK / Nippon Kaiji Kyokai](#)



Maritime application

Environment

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

[KR \(Korean Register of Shipping\)](#)



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