



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	
<ul style="list-style-type: none"> <li>• for process terminals</li> <li>• for AUX terminals</li> <li>• for add-on terminals</li> </ul>	CC00 to CC09 does not exist CC74

### connection method

Terminals	
<ul style="list-style-type: none"> <li>• Terminal type</li> <li>• system-integrated shield connection</li> <li>• Conductor cross-section, min.</li> <li>• Conductor cross-section, max.</li> <li>• Number of process terminals to I/O module</li> <li>• Number of terminals to AUX bus</li> <li>• Number of add-on terminals</li> <li>• Number of terminals with connection to P1 and P2 bus</li> </ul>	Push-in terminal Yes; Optional 0.14 mm <sup>2</sup> ; AWG 26 2.5 mm <sup>2</sup> ; AWG 14 16 0 2x5 2

### Dimensions

Width	15 mm
Height	141 mm
Depth	35 mm

### Weights

Weight, approx.	50 g
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### 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



[Manufacturer Declaration](#)



[KC](#)



#### For use in hazardous locations



[FM](#)

[CCC-Ex](#)



[Type Examination Certificate](#)



#### For use in hazardous locations

Maritime application

[Miscellaneous](#)



[NK / Nippon Kaiji Kyokai](#)



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



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